Appendix 23B
Air Quality and GHG Analysis Activity Data

This appendix provides engineering and activity inputs for the estimation of criteria pollutants and greenhouse gas (GHG) emissions resulting from the Delta Conveyance Project (project) and alternatives for this Draft Environmental Impact Report (Draft EIR). Refer to Appendix 23A, *Mass Emissions Estimation Methodology*, for a narrative description of the approach and methodology underpinning emissions estimation. The engineering and activity inputs are divided into the following three parts.

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Table 23B-1. Construction Assumptions—Alternatives

Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Alt 1	Alt 2a	Alt 2b	Alt 2c	Alt 3	Alt 4a	Alt 4b	Alt 4c	Alt 5
Aqueduct	Bethany Aqueduct	Bethany	B2	5									X
Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	X				X				X
Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a		X				X			
Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b			X				X		
Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c				X				X	
Batch Plants	Bethany Batch Plant	Bethany	B2	5									X
Bethany Complex	Bethany Complex	Bethany	B2	5									X
Bethany Reservoir	Bethany Reservoir	Bethany	B2	5									X
Geotechnical Investigation	15' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	50'-75' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	125'-150' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	175'-200' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	CPT on Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Over Water Borings	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Over Water CPT	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Test Well	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Pumping Test	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Monument	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Test trench (30 ft)	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Test trench (1000 ft)	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Test fills	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Ground Improvement	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Test Pile	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Airborne Magnetic Survey	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Walk-Over Magnetic Survey	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Geophysical Survey Land-Based	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Geotechnical Investigation	Utility Potholing	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	X	X	X		X	X	X		X
Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	X	X		X	X	X		X	X
Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a		X				X			
Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c				X				X	
Levees	Bethany Lower Roberts Levee	Bethany	B2	5									X
Levees	Bouldin Levee	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	X	X	X	X					
Levees	Twin Cities Levee	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Levees	Lower Roberts Levee	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c					X	X	X	X	
Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5									X
Onsite Concrete Batching	Bacon Island Onsite Batch	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	X	X	X	X					
Onsite Concrete Batching	Lambert Road Onsite Batch	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Onsite Concrete Batching	S. Complex Onsite Batch	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Park and Rides	Bethany PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Park and Rides	Charter Way PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	

Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Alt 1	Alt 2a	Alt 2b	Alt 2c	Alt 3	Alt 4a	Alt 4b	Alt 4c	Alt 5
Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5									X
Rail	Franklin Rail Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Rail	Lower Roberts Rail Access	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c					X	X	X	X	
Roads	Bethany Complex N Access	Bethany	B2	5									X
Roads	Bethany Complex S Access	Bethany	B2	5									X
Roads	Bethany Franklin Access	Bethany	B2	5									X
Roads	Bethany Kelso Access	Bethany	B2	5									X
Roads	Bethany Lower Roberts Access	Bethany	B2	5									X
Roads	Bethany Reservoir Access	Bethany	B2	5									X
Roads	Bethany Upper Jones Access	Bethany	B2	5									X
Roads	Bethany Union Island Access	Bethany	B2	5									X
Roads	New Hope Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	X	X	X	X					
Roads	Staten Island Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	X	X	X	X					
Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	X	X	X	X					
Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	X	X	X	X					
Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	X	X	X	X					
Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	X	X	X	X	X	X	X	X	
Roads	Hood Franklin Overlay	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Roads	Twin Cities Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Roads	SR160 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a		X				X			
Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c					X	X	X	X	
Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c					X	X	X	X	
Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5					X	X	X	X	X
Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5					X	X	X	X	X
Roads	Terminous Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5					X	X	X	X	X
Roads	King Island Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5					X	X	X	X	X
RTM - B. Complex	Bethany Complex Stockpile Alt 5	Bethany	B2	5									X
RTM - Bouldin	Bouldin RTM Alt 1	Central	1B	1	X								
RTM - Bouldin	Bouldin Stockpile Alt 1	Central	1B	1	X								
RTM - Bouldin	Bouldin RTM Alt 2a	Central	9B	2a		X							
RTM - Bouldin	Bouldin Stockpile Alt 2a	Central	9B	2a		X							
RTM - Bouldin	Bouldin RTM Alt 2b	Central	5B	2b			X						
RTM - Bouldin	Bouldin Stockpile Alt 2b	Central	5B	2b			X						
RTM - Bouldin	Bouldin RTM Alt 2c	Central	7B	2c				X					
RTM - Bouldin	Bouldin Stockpile Alt 2c	Central	7B	2c				X					
RTM - Byron Tract	Byron Tract RTM Alt 1	Central	1B	1	X								

Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Alt 1	Alt 2a	Alt 2b	Alt 2c	Alt 3	Alt 4a	Alt 4b	Alt 4c	Alt 5
RTM - Byron Tract	Byron Tract RTM Alt 3	Eastern	2B	3					X				
RTM - Byron Tract	Byron Tract RTM Alt 2a	Central	9B	2a		X							
RTM - Byron Tract	Byron Tract RTM Alt 2b	Central	5B	2b			X						
RTM - Byron Tract	Byron Tract RTM Alt 2c	Central	7B	2c				X					
RTM - Byron Tract	Byron Tract RTM Alt 4a	Eastern	10B	4a						X			
RTM - Byron Tract	Byron Tract RTM Alt 4b	Eastern	6B	4b							X		
RTM - Byron Tract	Byron Tract RTM Alt 4c	Eastern	8B	4c								X	
RTM - Lower Roberts	Lower Roberts RTM Alt 3	Eastern	2B	3					X				
RTM - Lower Roberts	Lower Roberts Stockpile Alt 3	Eastern	2B	3					X				
RTM - Lower Roberts	Lower Roberts RTM Alt 5	Bethany	B2	5									X
RTM - Lower Roberts	Lower Roberts Stockpile Alt 5	Bethany	B2	5									X
RTM - Lower Roberts	Lower Roberts RTM 4a	Eastern	10B	4a						X			
RTM - Lower Roberts	Lower Roberts Stockpile Alt 4a	Eastern	10B	4a						X			
RTM - Lower Roberts	Lower Roberts RTM Alt 4b	Eastern	6B	4b							X		
RTM - Lower Roberts	Lower Roberts Stockpile Alt 4b	Eastern	6B	4b							X		
RTM - Lower Roberts	Lower Roberts RTM Alt 4c	Eastern	8B	4c								X	
RTM - Lower Roberts	Lower Roberts Stockpile Alt 4c	Eastern	8B	4c								X	
RTM - S. Complex	S. Complex Stockpile Alt 1	Central	1B	1	X								
RTM - S. Complex	S. Complex Stockpile Alt 3	Eastern	2B	3					X				
RTM - S. Complex	S. Complex Stockpile Alt 2a	Central	9B	2a		X							
RTM - S. Complex	S. Complex Stockpile Alt 2b	Central	5B	2b			X						
RTM - S. Complex	S. Complex Stockpile Alt 2c	Central	7B	2c				X					
RTM - S. Complex	S. Complex Stockpile Alt 4a	Eastern	10B	4a						X			
RTM - S. Complex	S. Complex Stockpile Alt 4b	Eastern	6B	4b							X		
RTM - S. Complex	S. Complex Stockpile Alt 4c	Eastern	8B	4c								X	
RTM - South Delta	South Delta RTM Alt 2a	Central	9B	2a		X							
RTM - South Delta	South Delta Stockpile Alt 2a	Central	9B	2a		X							
RTM - South Delta	South Delta RTM Alt 4a	Eastern	10B	4a						X			
RTM - South Delta	South Delta Stockpile Alt 4a	Eastern	10B	4a						X			
RTM - Twin Cities	Twin Cities RTM Alt 1	Central	1B	1	X								
RTM - Twin Cities	Twin Cities Stockpile Alt 1	Central	1B	1	X								
RTM - Twin Cities	Twin Cities RTM Alt 3	Eastern	2B	3					X				
RTM - Twin Cities	Twin Cities Stockpile Alt 3	Eastern	2B	3					X				
RTM - Twin Cities	Twin Cities RTM Alt 5	Bethany	B2	5									X
RTM - Twin Cities	Twin Cities Stockpile Alt 5	Bethany	B2	5									X
RTM - Twin Cities	Twin Cities RTM Alt 2a	Central	9B	2a		X							
RTM - Twin Cities	Twin Cities Stockpile Alt 2a	Central	9B	2a		X							
RTM - Twin Cities	Twin Cities RTM Alt 2b	Central	5B	2b			X						
RTM - Twin Cities	Twin Cities Stockpile Alt 2b	Central	5B	2b			X						
RTM - Twin Cities	Twin Cities RTM Alt 2c	Central	7B	2c				X					
RTM - Twin Cities	Twin Cities Stockpile Alt 2c	Central	7B	2c				X					
RTM - Twin Cities	Twin Cities RTM Alt 4a	Eastern	10B	4a						X			
RTM - Twin Cities	Twin Cities Stockpile Alt 4a	Eastern	10B	4a						X			
RTM - Twin Cities	Twin Cities RTM Alt 4b	Eastern	6B	4b							X		
RTM - Twin Cities	Twin Cities Stockpile Alt 4b	Eastern	6B	4b							X		

Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Alt 1	Alt 2a	Alt 2b	Alt 2c	Alt 3	Alt 4a	Alt 4b	Alt 4c	Alt 5
RTM - Twin Cities	Twin Cities RTM Alt 4c	Eastern	8B	4c								X	
RTM - Twin Cities	Twin Cities Stockpile Alt 4c	Eastern	8B	4c								X	
Shafts	New Hope Shaft Alt 1	Central	1B	1	X								
Shafts	Staten Island Shaft Alt 1	Central	1B	1	X								
Shafts	Mandeville Shaft Alt 1	Central	1B	1	X								
Shafts	Bouldin Shaft Alt 1	Central	1B	1	X								
Shafts	Twin Cities Shaft Alt 1	Central	1B	1	X								
Shafts	Bacon Shaft Alt 1	Central	1B	1	X								
Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B. B2	3, 5					X				X
Shafts	Terminous Shaft Alt 3	Eastern	2B	3					X				
Shafts	King Island Shaft Alt 3	Eastern	2B	3					X				
Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3					X				
Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3					X				
Shafts	King Island Shaft Alt 5	Bethany	B2	5									X
Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5									X
Shafts	Terminous Shaft Alt 5	Bethany	B2	5									X
Shafts	Union Island Shaft Alt 5	Bethany	B2	5									X
Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5									X
Shafts	New Hope Shaft Alt 2a	Central	9B	2a		X							
Shafts	Staten Island Shaft Alt 2a	Central	9B	2a		X							
Shafts	Mandeville Shaft Alt 2a	Central	9B	2a		X							
Shafts	Bacon Shaft Alt 2a	Central	9B	2a		X							
Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a		X							
Shafts	Bouldin Shaft Alt 2a	Central	9B	2a		X							
Shafts	Bacon Shaft Alt 2b	Central	5B	2b			X						
Shafts	Bouldin Shaft Alt 2b	Central	5B	2b			X						
Shafts	Mandeville Shaft Alt 2b	Central	5B	2b			X						
Shafts	New Hope Shaft Alt 2b	Central	5B	2b			X						
Shafts	Staten Island Shaft Alt 2b	Central	5B	2b			X						
Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b			X						
Shafts	New Hope Shaft Alt 2c	Central	7B	2c				X					
Shafts	Staten Island Shaft Alt 2c	Central	7B	2c				X					
Shafts	Mandeville Shaft Alt 2c	Central	7B	2c				X					
Shafts	Bacon Shaft Alt 2c	Central	7B	2c				X					
Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c				X					
Shafts	Bouldin Shaft Alt 2c	Central	7B	2c				X					
Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5					X				X
Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3					X				
Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a						X			
Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a						X			
Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a						X			
Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a						X			
Shafts	King Island Shaft Alt 4a	Eastern	10B	4a						X			
Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a						X			
Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a						X			

Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Alt 1	Alt 2a	Alt 2b	Alt 2c	Alt 3	Alt 4a	Alt 4b	Alt 4c	Alt 5
Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b							X		
Shafts	King Island Shaft Alt 4b	Eastern	6B	4b							X		
Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b							X		
Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b							X		
Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b							X		
Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b							X		
Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b							X		
Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c								X	
Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c								X	
Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c								X	
Shafts	King Island Shaft Alt 4c	Eastern	8B	4c								X	
Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c								X	
Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c								X	
Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c								X	
Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5									X
Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	X								
Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3					X				
Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	X		X	X	X		X	X	
Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a		X							
Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B, 10B	2a, 4a		X				X			
Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b			X						
Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c				X					
Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a						X			
Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b							X		
Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c								X	
Compensatory Mitigation	I-5 Ponds	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X
Compensatory Mitigation	Bouldin Island	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	X	X	X	X	X	X	X	X	X

Table 23B-2. Construction Assumptions—GIS

		% Area by Air District			
Feature Category	Feature	SMAQMD	SJVAPCD	BAAQMD	YSAQMD
Aqueduct	Bethany Aqueduct	0%	0%	100%	0%
Batch Plants	Lambert Road Batch Plant Alts 1-3	100%	0%	0%	0%
Batch Plants	Lambert Road Batch Plant Alts 2b-4b	100%	0%	0%	0%
Batch Plants	Lambert Road Batch Plant Alts 2a-4a	100%	0%	0%	0%
Batch Plants	Lambert Road Batch Plant Alts 2c-4c	100%	0%	0%	0%
Batch Plants	Bethany Batch Plant	0%	0%	100%	0%
Bethany Complex	Bethany Complex	0%	0%	100%	0%
Bethany Reservoir	Bethany Reservoir	0%	0%	100%	0%
Intakes	Intake 5 - 3,000 cfs	100%	0%	0%	0%
Intakes	Intake 3 - 3,000 cfs	100%	0%	0%	0%
Intakes	Intake 2 - 1,500 cfs	100%	0%	0%	0%
Intakes	Intake 5 - 1,500 cfs	100%	0%	0%	0%
Levees	Bouldin Levee	0%	100%	0%	0%
Levees	Twin Cities Levee	100%	0%	0%	0%
Levees	Lower Roberts Levee	0%	100%	0%	0%
Levees	Bethany Lower Roberts Levee	0%	100%	0%	0%
Onsite Concrete Batching	Lambert Road Onsite Batch	100%	0%	0%	0%
Onsite Concrete Batching	Bacon Island Onsite Batch	0%	100%	0%	0%
Onsite Concrete Batching	S. Complex Onsite Batch	0%	0%	100%	0%
Onsite Concrete Batching	Bethany Complex Onsite Batch	0%	0%	100%	0%
Park and Rides	Bethany PR	0%	100%	0%	0%
Park and Rides	Charter Way PR	0%	100%	0%	0%
Park and Rides	Rio Vista PR	100%	0%	0%	0%
Park and Rides	Byron PR	0%	0%	100%	0%
Park and Rides	Hood Franklin PR	100%	0%	0%	0%
Rail	Franklin Rail Access	100%	0%	0%	0%
Rail	Lower Roberts Rail Access	0%	100%	0%	0%
Rail	Bethany Lower Roberts Rail Access	0%	100%	0%	0%
Roads	New Hope Access Central	0%	100%	0%	0%
Roads	Staten Island Access Central	0%	100%	0%	0%
Roads	Mandeville Access Central	0%	100%	0%	0%
Roads	Bouldin Access Central	0%	100%	0%	0%
Roads	SR12 Access Central	0%	100%	0%	0%
Roads	Dierssen Access	100%	0%	0%	0%
Roads	Franklin Access	100%	0%	0%	0%
Roads	Twin Cities Access	100%	0%	0%	0%
Roads	Lambert Access	100%	0%	0%	0%

		% Area by Air District			
Feature Category	Feature	SMAQMD	SJVAPCD	BAAQMD	YSAQMD
Roads	Lambert to I5 Access	100%	0%	0%	0%
Roads	I5 to I3 Access	100%	0%	0%	0%
Roads	SR160 Access	100%	0%	0%	0%
Roads	Discovery Bay Access	0%	0%	100%	0%
Roads	Western Farm Access	0%	0%	100%	0%
Roads	Bruhns Access	0%	0%	100%	0%
Roads	Hood Franklin Overlay	64%	0%	36%	0%
Roads	I3 to I2 Access	100%	0%	0%	0%
Roads	New Hope Access Eastern	0%	100%	0%	0%
Roads	Canal Ranch Access Eastern	0%	100%	0%	0%
Roads	Terminous Access Eastern	0%	100%	0%	0%
Roads	King Island Access Eastern	0%	100%	0%	0%
Roads	Upper Jones Access Eastern	0%	58%	42%	0%
Roads	Lower Roberts Access Eastern	0%	100%	0%	0%
Roads	Bethany Complex N Access	0%	11%	89%	0%
Roads	Bethany Complex S Access	0%	0%	100%	0%
Roads	Bethany Franklin Access	100%	0%	0%	0%
Roads	Bethany Kelso Access	0%	0%	100%	0%
Roads	Bethany Lower Roberts Access	0%	100%	0%	0%
Roads	Bethany Reservoir Access	0%	0%	100%	0%
Roads	Bethany Upper Jones Access	0%	100%	0%	0%
Roads	Bethany Union Island Access	0%	100%	0%	0%
RTM - B. Complex	RTM - Bethany Complex	0%	0%	100%	0%
RTM - Bouldin	RTM - Bouldin	0%	100%	0%	0%
RTM - Byron Tract	RTM - Byron Tract	0%	0%	100%	0%
RTM - Lower Roberts	RTM - Lower Roberts	0%	100%	0%	0%
RTM - S. Complex	RTM - S. Complex	0%	0%	100%	0%
RTM - South Delta	RTM - South Delta	0%	0%	100%	0%
RTM - Twin Cities	RTM - Twin Cities	100%	0%	0%	0%
Shafts	New Hope Shaft Alt 1	0%	100%	0%	0%
Shafts	Staten Island Shaft Alt 1	0%	100%	0%	0%
Shafts	Mandeville Shaft Alt 1	0%	100%	0%	0%
Shafts	Bouldin Shaft Alt 1	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 1	100%	0%	0%	0%
Shafts	Bacon Shaft Alt 1	0%	100%	0%	0%
Shafts	New Hope Shaft Alt 3	0%	100%	0%	0%
Shafts	Canal Ranch Shaft Alt 3	0%	100%	0%	0%
Shafts	Terminous Shaft Alt 3	0%	100%	0%	0%

		% Area by Air District			
Feature Category	Feature	SMAQMD	SJVAPCD	BAAQMD	YSAQMD
Shafts	King Island Shaft Alt 3	0%	100%	0%	0%
Shafts	Upper Jones Shaft Alt 3	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 3	100%	0%	0%	0%
Shafts	Lower Roberts Shaft Alt 3	0%	100%	0%	0%
Shafts	New Hope Shaft Alt 2a	0%	100%	0%	0%
Shafts	Staten Island Shaft Alt 2a	0%	100%	0%	0%
Shafts	Mandeville Shaft Alt 2a	0%	100%	0%	0%
Shafts	Bacon Shaft Alt 2a	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 2a	100%	0%	0%	0%
Shafts	Bouldin Shaft Alt 2a	0%	100%	0%	0%
Shafts	Bacon Shaft Alt 2b	0%	100%	0%	0%
Shafts	Bouldin Shaft Alt 2b	0%	100%	0%	0%
Shafts	Mandeville Shaft Alt 2b	0%	100%	0%	0%
Shafts	New Hope Shaft Alt 2b	0%	100%	0%	0%
Shafts	Staten Island Shaft Alt 2b	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 2b	100%	0%	0%	0%
Shafts	New Hope Shaft Alt 2c	0%	100%	0%	0%
Shafts	Staten Island Shaft Alt 2c	0%	100%	0%	0%
Shafts	Mandeville Shaft Alt 2c	0%	100%	0%	0%
Shafts	Bacon Shaft Alt 2c	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 2c	100%	0%	0%	0%
Shafts	Bouldin Shaft Alt 2c	0%	100%	0%	0%
Shafts	New Hope Shaft Alt 4a	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 4a	100%	0%	0%	0%
Shafts	Canal Ranch Shaft Alt 4a	0%	100%	0%	0%
Shafts	Terminous Shaft Alt 4a	0%	100%	0%	0%
Shafts	King Island Shaft Alt 4a	0%	100%	0%	0%
Shafts	Upper Jones Shaft Alt 4a	0%	100%	0%	0%
Shafts	Lower Roberts Shaft Alt 4a	0%	100%	0%	0%
Shafts	Canal Ranch Shaft Alt 4b	0%	100%	0%	0%
Shafts	King Island Shaft Alt 4b	0%	100%	0%	0%
Shafts	Lower Roberts Shaft Alt 4b	0%	100%	0%	0%
Shafts	New Hope Shaft Alt 4b	0%	100%	0%	0%
Shafts	Terminous Shaft Alt 4b	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 4b	100%	0%	0%	0%
Shafts	Upper Jones Shaft Alt 4b	0%	100%	0%	0%
Shafts	New Hope Shaft Alt 4c	0%	100%	0%	0%
Shafts	Canal Ranch Shaft Alt 4c	0%	100%	0%	0%

		% Area by Air District			
Feature Category	Feature	SMAQMD	SJVAPCD	BAAQMD	YSAQMD
Shafts	Terminous Shaft Alt 4c	0%	100%	0%	0%
Shafts	King Island Shaft Alt 4c	0%	100%	0%	0%
Shafts	Upper Jones Shaft Alt 4c	0%	100%	0%	0%
Shafts	Lower Roberts Shaft Alt 4c	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 4c	100%	0%	0%	0%
Shafts	King Island Shaft Alt 5	0%	100%	0%	0%
Shafts	Lower Roberts Shaft Alt 5	0%	100%	0%	0%
Shafts	Terminous Shaft Alt 5	0%	100%	0%	0%
Shafts	Twin Cities Shaft Alt 5	100%	0%	0%	0%
Shafts	Union Island Shaft Alt 5	0%	100%	0%	0%
Shafts	Upper Jones Shaft Alt 5	0%	100%	0%	0%
Southern Complex	S. Complex Byron Tract Alt 1	0%	0%	100%	0%
Southern Complex	S. Complex Byron Tract Alt 3	0%	0%	100%	0%
Southern Complex	S. Complex W. Byron Hwy	0%	0%	100%	0%
Southern Complex	S. Complex Byron Tract Alt 2a	0%	0%	100%	0%
Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0%	0%	100%	0%
Southern Complex	S. Complex Byron Tract Alt 2b	0%	0%	100%	0%
Southern Complex	S. Complex Byron Tract Alt 2c	0%	0%	100%	0%
Southern Complex	S. Complex Byron Tract Alt 4a	0%	0%	100%	0%
Southern Complex	S. Complex Byron Tract Alt 4b	0%	0%	100%	0%
Southern Complex	S. Complex Byron Tract Alt 4c	0%	0%	100%	0%
Tunnel (TBM electricity)	Tunnel Alts 1, 2a, 2b, 2c	28%	68%	4%	0%
Tunnel (TBM electricity)	Tunnel Alts 3, 4a, 4b, 4c	26%	70%	4%	0%
Tunnel (TBM electricity)	Tunnel Alt 5	24%	66%	11%	0%
Compensatory Mitigation	I-5 Ponds	0%	100%	0%	0%
Compensatory Mitigation	Bouldin Island	0%	100%	0%	0%

1

Table 23B-3. Construction Assumptions—Construction Schedule

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
Bouldin_Levee_C-1	Levees	Bouldin Levee	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Construct Levee	2/28/2028	6/19/2028	96	5
LowerRobert_Levee_E-1	Levees	Lower Roberts Levee	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Construct Levee	9/13/2028	11/21/2028	49	5
TwinCities_Levee-1	Levees	Twin Cities Levee	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Construct Levee	2/28/2028	6/19/2028	96	5
BethanyPR-1	Park and Rides	Bethany PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Excavation	10/29/2026	11/3/2026	5	5
BethanyPR-2	Park and Rides	Bethany PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Culvert Pipe	11/4/2026	11/4/2026	1	1
BethanyPR-3	Park and Rides	Bethany PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Subdrain System	11/5/2026	11/5/2026	1	1
BethanyPR-4	Park and Rides	Bethany PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Road Base	11/6/2026	11/9/2026	4	4
BethanyPR-5	Park and Rides	Bethany PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Asphalt Paving	11/10/2026	11/11/2026	2	2
BethanyPR-6	Park and Rides	Bethany PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Electrical, Striping, and K-Rail Installation	11/12/2026	11/12/2026	1	1
CWPR-1	Park and Rides	Charter Way PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Excavation	11/1/2026	11/12/2026	10	5
CWPR-2	Park and Rides	Charter Way PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Culvert Pipe	11/13/2026	11/13/2026	1	1
CWPR-3	Park and Rides	Charter Way PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Subdrain System	11/16/2026	11/16/2026	1	1
CWPR-4	Park and Rides	Charter Way PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Road Base	11/17/2026	11/19/2026	3	3
CWPR-5	Park and Rides	Charter Way PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Asphalt Paving	11/20/2026	11/24/2026	5	5
CWPR-6	Park and Rides	Charter Way PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Electrical, Striping, and K-Rail Installation	11/25/2026	11/25/2026	1	1
RVPR-1	Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Roadway Excavation	11/20/2026	11/30/2026	9	5
RVPR-2	Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Embankment	12/1/2026	12/1/2026	1	1
RVPR-3	Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Culvert Pipe	12/2/2026	12/2/2026	1	1
RVPR-4	Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Subdrain System	12/3/2026	12/3/2026	1	1
RVPR-5	Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Road Base	12/4/2026	12/8/2026	5	5
RVPR-6	Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Asphalt Paving	12/9/2026	12/14/2026	5	5
RVPR-7	Park and Rides	Rio Vista PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Electrical, Striping, and K-Rail Installation	12/15/2026	12/15/2026	1	1
BPR-1	Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Roadway Excavation	8/18/2026	9/4/2026	13	5
BPR-2	Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Embankment	9/7/2026	9/8/2026	2	2
BPR-3	Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Culvert Pipe	9/9/2026	9/14/2026	3	3

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BPR-4	Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Subdrain System	9/15/2026	9/21/2026	5	5
BPR-5	Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Road Base	9/22/2026	10/8/2026	12	5
BPR-6	Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Asphalt Paving	10/9/2026	10/23/2026	10	5
BPR-7	Park and Rides	Byron PR	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Electrical, Striping, and K-Rail Installation	10/26/2026	10/29/2026	3	3
HFPR-1	Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Roadway Excavation	4/27/2026	7/31/2026	69	5
HFPR-2	Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Embankment	8/3/2026	8/13/2026	9	5
HFPR-3	Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Culvert Pipe	8/14/2026	8/19/2026	5	5
HFPR-4	Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Subdrain System	8/20/2026	8/25/2026	5	5
HFPR-5	Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Road Base	8/26/2026	10/6/2026	30	5
HFPR-6	Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Asphalt Paving	10/7/2026	11/23/2026	27	5
HFPR-7	Park and Rides	Hood Franklin PR	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Electrical, Striping, and K-Rail Installation	11/25/2026	11/27/2026	3	3
Franklin_RailAccess-1	Rail	Franklin Rail Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Sub-Ballast	6/10/2026	6/25/2026	12	5
Franklin_RailAccess-2	Rail	Franklin Rail Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Ballast	6/26/2026	7/14/2026	15	5
Franklin_RailAccess-3	Rail	Franklin Rail Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Track	7/15/2026	8/27/2026	32	5
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Track	7/5/2027	9/9/2027	49	5
NewHope_Access_C-1	Roads	New Hope Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Road Base on Access Road	2/22/2027	2/25/2027	4	4
NewHope_Access_C-2	Roads	New Hope Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	12 Month Maintenance: First Overlay Walnut Grove Blvd from Blossom to Lauffer	4/10/2028	4/13/2028	4	4
NewHope_Access_C-3	Roads	New Hope Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	12 Month Maintenance: Second Overlay Walnut Grove Blvd from Blossom to Lauffer	4/10/2029	4/13/2029	4	4
StatenIsland_Access_C-1	Roads	Staten Island Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Road Base on Access Road	2/19/2027	2/19/2027	1	1
StatenIsland_Access_C-2	Roads	Staten Island Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	12 Month Maintenance: First Overlay Access Road	4/14/2028	4/19/2028	4	4
StatenIsland_Access_C-3	Roads	Staten Island Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	12 Month Maintenance: Second Overlay Access Road	4/14/2029	4/19/2029	4	4
StatenIsland_Access_C-4	Roads	Staten Island Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Initial Asphalt Overlay: Walnut Grove Blvd from Blossom Road to Staten Island Road	2/22/2027	3/1/2027	7	5
StatenIsland_Access_C-5	Roads	Staten Island Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Intermediate Asphalt Overlay: Walnut Grove Blvd from Blossom Road to Staten Island Road	5/9/2030	5/16/2030	6	5
StatenIsland_Access_C-6	Roads	Staten Island Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Final Asphalt Overlay: Walnut Grove Blvd from Blossom Road to Staten Island Road	6/12/2037	6/22/2037	9	5
MandIsland_Access_C-1	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Roadway Excavation	4/27/2026	5/14/2026	14	5
MandIsland_Access_C-2	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Embankment	5/15/2026	6/3/2026	14	5
MandIsland_Access_C-3	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Culvert Pipe	6/4/2026	6/9/2026	5	5
MandIsland_Access_C-4	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Subdrain System	6/10/2026	7/31/2026	38	5
MandIsland_Access_C-5	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Road Base and K Rails	8/3/2026	9/21/2026	38	5
MandIsland_Access_C-6	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Overpass Roadway Excavation	9/21/2026	9/22/2026	2	2

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
MandIsland_Access_C-7	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Overpass Embankment	9/23/2026	9/28/2026	5	5
MandIsland_Access_C-8	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Overpass New Bridge/Overpass	9/23/2026	10/20/2026	20	5
MandIsland_Access_C-9	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Overpass Culvert Pipe	9/29/2026	9/29/2026	1	1
MandIsland_Access_C-10	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Overpass Subdrain System	9/30/2026	10/2/2026	3	3
MandIsland_Access_C-11	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Overpass Road Base	10/5/2026	10/7/2026	3	3
MandIsland_Access_C-12	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Access Paving and K Rails	10/8/2026	10/12/2026	5	5
MandIsland_Access_C-13	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bacon I & Mandeville I Access Roadway Excavation	10/8/2026	10/20/2026	9	5
MandIsland_Access_C-14	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bacon I & Mandeville I Access Embankment	10/29/2026	11/13/2026	12	5
MandIsland_Access_C-15	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bacon I & Mandeville I Access Culvert Pipe	11/16/2026	11/18/2026	3	3
MandIsland_Access_C-16	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bacon I & Mandeville I Access Subdrain System	11/19/2026	1/5/2027	34	5
MandIsland_Access_C-17	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bacon I & Mandeville I Access Road Base	1/6/2027	2/3/2027	21	5
MandIsland_Access_C-18	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Mandeville I Access Roadway Excavation & Bridge Removal	10/3/2027	11/5/2027	20	5
MandIsland_Access_C-19	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Mandeville I Access New Bridge	10/13/2027	3/30/2028	121	5
MandIsland_Access_C-20	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Mandeville I Access Embankment	11/8/2027	11/22/2027	9	5
MandIsland_Access_C-21	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Mandeville I Access Culvert Pipe	11/23/2027	11/24/2027	2	2
MandIsland_Access_C-22	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Mandeville I Access Subdrain System	11/25/2027	12/22/2027	20	5
MandIsland_Access_C-23	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Mandeville I Access Road Base	3/21/2028	4/5/2028	12	5
MandIsland_Access_C-24	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T 12-month Maintenance #1	4/1/2028	4/15/2028	9	5
MandIsland_Access_C-25	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bacon I 12-month Maintenance #1	4/1/2028	4/15/2028	9	5
MandIsland_Access_C-26	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T 12-month Maintenance #2	4/1/2029	4/15/2029	9	5
MandIsland_Access_C-27	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bacon I & Mandeville I 12-month Maintenance #2	4/1/2029	4/15/2029	9	5
MandIsland_Access_C-28	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Overlay #1	6/13/2030	6/14/2030	2	2
MandIsland_Access_C-29	Roads	Mandeville Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Lower Jones T Overlay #2	8/7/2037	8/11/2037	5	5
NewHope_Access_E-1	Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Roadway Excavation	3/17/2026	3/18/2026	2	2
NewHope_Access_E-2	Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Embankment	3/19/2026	3/20/2026	2	2
NewHope_Access_E-3	Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Culvert Pipe	3/23/2026	3/23/2026	1	1
NewHope_Access_E-4	Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Subdrain System	3/24/2026	3/25/2026	2	2
NewHope_Access_E-5	Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Road Base	3/26/2026	3/27/2026	2	2
NewHope_Access_E-6	Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	12-month - Intermediate Maintenance	4/4/2028	4/13/2028	8	5
NewHope_Access_E-7	Roads	New Hope Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	12-month - Final Maintenance	4/4/2029	4/13/2029	8	5
CanalRanch_Access_E-1	Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Roadway Excavation	4/15/2026	4/20/2026	4	4
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Embankment	4/21/2026	4/27/2026	5	5
CanalRanch_Access_E-3	Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Culvert Pipe	4/28/2026	4/28/2026	1	1
CanalRanch_Access_E-4	Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Subdrain System	4/29/2026	5/8/2026	8	5
CanalRanch_Access_E-5	Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Road Base	5/11/2026	5/15/2026	5	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
CanalRanch_Access_E-6	Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	12-month - Intermediate Maintenance	4/4/2028	4/13/2028	8	5
CanalRanch_Access_E-7	Roads	Canal Ranch Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	12-month - Final Maintenance	4/4/2029	4/13/2029	8	5
Terminous_Access_E-1	Roads	Terminous Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Roadway Excavation	3/30/2026	4/1/2026	3	3
Terminous_Access_E-2	Roads	Terminous Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Culvert Pipe	4/2/2026	4/2/2026	1	1
Terminous_Access_E-3	Roads	Terminous Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Subdrain System	4/3/2026	4/10/2026	6	5
Terminous_Access_E-4	Roads	Terminous Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Road Base	4/13/2026	4/14/2026	2	2
Terminous_Access_E-5	Roads	Terminous Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Asphalt	4/15/2026	4/20/2026	5	5
Terminous_Access_E-6	Roads	Terminous Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	KRail and Signs	4/21/2026	4/27/2026	5	5
KingIsland_Access_E-1	Roads	King Island Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	Road Base	2/9/2027	2/11/2027	4	4
KingIsland_Access_E-2	Roads	King Island Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	12 month maintenance	4/4/2028	4/14/2028	9	5
KingIsland_Access_E-3	Roads	King Island Access Eastern	Eastern, Bethany	2B, 6B, 8B, 10B, B2	3, 4a, 4b, 4c, 5	12 month maintenance	4/4/2029	4/14/2029	9	5
UpperJones_Access_E-1	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Roadway Excavation	4/21/2026	4/21/2026	1	1
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Embankment	4/22/2026	4/23/2026	2	2
UpperJones_Access_E-3	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Culvert Pipe	4/24/2026	4/24/2026	1	1
UpperJones_Access_E-4	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Subdrain System	4/27/2026	5/4/2026	6	5
UpperJones_Access_E-5	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Road Base	5/5/2026	5/11/2026	5	5
UpperJones_Access_E-6	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	KRail and Signs	5/12/2026	5/12/2026	1	1
UpperJones_Access_E-7	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	12-month - Intermediate Maintenance	4/4/2028	4/14/2028	9	5
UpperJones_Access_E-8	Roads	Upper Jones Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	12-month - Final Maintenance	4/4/2029	4/14/2029	9	5
Bouldin_Access_C-1	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Roadway Excavation	2/29/2028	3/10/2028	9	5
Bouldin_Access_C-2	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Embankment	3/13/2028	3/20/2028	5	5
Bouldin_Access_C-3	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Culvert Pipe	3/21/2028	3/22/2028	2	2
Bouldin_Access_C-4	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Bridge Over SR 12	4/16/2027	9/30/2027	120	5
Bouldin_Access_C-5	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Subdrain System	3/23/2028	4/7/2028	14	5
Bouldin_Access_C-6	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Road Base	4/10/2028	4/28/2028	14	5
Bouldin_Access_C-7	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Asphalt Paving	5/1/2028	5/5/2028	5	5
Bouldin_Access_C-8	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	KRail and Signs	5/8/2028	5/8/2028	1	1
Bouldin_Access_C-9	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Intermediate Overlay	7/17/2030	7/22/2030	5	5
Bouldin_Access_C-10	Roads	Bouldin Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Final Overlay	8/20/2037	8/26/2037	5	5
SR12_Access_C-1	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Roadway Excavation	1/25/2027	2/18/2027	19	5
SR12_Access_C-2	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Embankment	2/19/2027	3/15/2027	19	5
SR12_Access_C-3	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Culvert Pipe	4/16/2027	4/21/2027	5	5
SR12_Access_C-4	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	SR 12 Bridge Widening	4/16/2027	12/23/2027	181	5
SR12_Access_C-5	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Subdrain System	4/22/2027	6/16/2027	40	5
SR12_Access_C-6	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Road Base	6/17/2027	9/8/2027	60	5
SR12_Access_C-7	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Asphalt Paving	11/16/2027	12/23/2027	27	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SR12_Access_C-8	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	KRail and Signs	12/24/2027	2/28/2028	5	5
SR12_Access_C-9	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Intermediate Overlay	5/17/2030	7/16/2030	25	5
SR12_Access_C-10	Roads	SR12 Access Central	Central	1B, 5B, 7B, 9B	1, 2a, 2b, 2c	Final Overlay	6/22/2037	8/20/2037	43	5
LowerRoberts_Access_E-1	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Roadway Excavation	5/12/2026	6/5/2026	19	5
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Embankment	6/8/2026	7/15/2026	28	5
LowerRoberts_Access_E-3	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Culvert Pipe	7/16/2026	7/21/2026	5	5
LowerRoberts_Access_E-4	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Bridge over Turner Cut	7/16/2026	8/27/2026	31	5
LowerRoberts_Access_E-5	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Subdrain System	7/22/2026	9/15/2026	40	5
LowerRoberts_Access_E-6	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Road Base	9/16/2026	10/21/2026	26	5
LowerRoberts_Access_E-7	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Bridge over Burns Cut	9/16/2026	2/8/2027	104	5
LowerRoberts_Access_E-8	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Asphalt Paving	1/5/2027	2/8/2027	25	5
LowerRoberts_Access_E-9	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	KRail and Signs	2/10/2027	2/11/2027	2	2
LowerRoberts_Access_E-10	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Intermediate Overlay	4/15/2030	5/10/2030	20	5
LowerRoberts_Access_E-11	Roads	Lower Roberts Access Eastern	Eastern	2B, 6B, 8B, 10B	3, 4a, 4b, 4c	Final Overlay	12/6/2038	12/20/2038	11	5
Dierssen_Access-1	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Roadway Excavation	1/18/2027	1/21/2027	4	4
Dierssen_Access-2	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Embankment	1/22/2027	1/26/2027	5	5
Dierssen_Access-3	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Culvert Pipe	1/27/2027	1/27/2027	1	1
Dierssen_Access-4	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Subdrain System	1/28/2027	2/9/2027	9	5
Dierssen_Access-5	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Road Base	2/10/2027	2/18/2027	7	5
Dierssen_Access-6	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Asphalt Paving	2/19/2027	2/22/2027	4	4
Dierssen_Access-7	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	KRail and Signs	2/23/2027	3/16/2027	14	5
Dierssen_Access-8	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Intermediate Overlay	5/22/2030	5/24/2030	3	3
Dierssen_Access-9	Roads	Dierssen Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Final Overlay	7/21/2037	7/24/2037	4	4
Franklin_Access-1	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Roadway Excavation	11/24/2026	11/30/2026	5	5
Franklin_Access-2	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Embankment	12/1/2026	12/16/2026	12	5
Franklin_Access-3	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Culvert Pipe	12/17/2026	12/17/2026	1	1
Franklin_Access-4	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Subdrain System	12/18/2026	12/28/2026	9	5
Franklin_Access-5	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Road Base	12/29/2026	1/15/2027	14	5
Franklin_Access-6	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Asphalt Paving	1/18/2027	1/21/2027	4	4
Franklin_Access-7	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	KRail and Signs	1/22/2027	1/22/2027	1	1
Franklin_Access-8	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Intermediate Overlay	5/27/2030	5/29/2030	3	3

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
Franklin_Access-9	Roads	Franklin Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Final Overlay	7/24/2037	7/29/2037	4	4
TwinCities_Access-1	Roads	Twin Cities Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Roadway Excavation	1/5/2026	1/7/2026	3	3
TwinCities_Access-2	Roads	Twin Cities Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Culvert Pipe & Subdrain System	1/8/2026	1/19/2026	10	5
TwinCities_Access-3	Roads	Twin Cities Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Road Base	1/20/2026	2/9/2026	15	5
TwinCities_Access-4	Roads	Twin Cities Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Asphalt Paving & KRail and Signs	2/10/2026	2/16/2026	5	5
TwinCities_Access-5	Roads	Twin Cities Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Intermediate Overlay	6/10/2030	6/12/2030	3	3
TwinCities_Access-6	Roads	Twin Cities Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Final Overlay	9/30/2037	10/5/2037	5	5
Lambert_Access-1	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Roadway Excavation	2/26/2027	3/2/2027	5	5
Lambert_Access-2	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Culvert Pipe	3/3/2027	3/3/2027	1	1
Lambert_Access-3	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Subdrain System	3/4/2027	3/18/2027	11	5
Lambert_Access-4	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Road Base	3/19/2027	3/31/2027	10	5
Lambert_Access-5	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Asphalt Paving	4/1/2027	4/6/2027	5	5
Lambert_Access-6	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	KRail and Signs	4/7/2027	4/20/2027	10	5
Lambert_Access-7	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Intermediate Overlay	5/30/2030	6/7/2030	6	5
Lambert_Access-8	Roads	Lambert Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Final Overlay	7/29/2037	8/7/2037	8	5
LambertI5_Access-1	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Roadway Excavation	4/27/2026	7/20/2026	61	5
LambertI5_Access-2	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Embankment	7/21/2026	9/24/2026	48	5
LambertI5_Access-3	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Culvert Pipe	9/25/2026	10/1/2026	5	5
LambertI5_Access-4	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Subdrain System	10/2/2026	12/17/2026	55	5
LambertI5_Access-5	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Road Base	12/18/2026	2/25/2027	50	5
LambertI5_Access-6	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Asphalt Paving	2/26/2027	4/7/2027	30	5
LambertI5_Access-7	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	KRail and Signs	4/8/2027	4/8/2027	1	1
LambertI5_Access-8	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Intermediate Overlay	4/30/2030	5/10/2030	9	5
LambertI5_Access-9	Roads	Lambert to I5 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Final Overlay	6/16/2037	7/29/2037	32	5
I5I3_Access-1	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Roadway Excavation	4/9/2027	4/26/2027	14	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
I5I3_Access-2	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Embankment	4/27/2027	5/3/2027	5	5
I5I3_Access-3	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Culvert Pipe	5/4/2027	5/5/2027	3	3
I5I3_Access-4	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Subdrain System	5/6/2027	5/25/2027	14	5
I5I3_Access-5	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Road Base	5/26/2027	6/16/2027	16	5
I5I3_Access-6	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Asphalt Paving	6/17/2027	6/23/2027	5	5
I5I3_Access-7	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	KRail and Signs	6/24/2027	6/24/2027	1	1
I5I3_Access-8	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Intermediate Overlay	5/15/2030	5/17/2030	3	3
I5I3_Access-9	Roads	I5 to I3 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Final Overlay	7/1/2037	7/6/2037	5	5
I3I2_Access-1	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Roadway Excavation	6/25/2027	7/8/2027	14	5
I3I2_Access-2	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Embankment	7/9/2027	7/15/2027	5	5
I3I2_Access-3	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Culvert Pipe	7/16/2027	7/19/2027	3	3
I3I2_Access-4	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Subdrain System	7/20/2027	8/4/2027	14	5
I3I2_Access-5	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Road Base	8/5/2027	8/24/2027	15	5
I3I2_Access-6	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Asphalt Paving	8/25/2027	8/30/2027	5	5
I3I2_Access-7	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	KRail and Signs	8/31/2027	8/31/2027	1	1
I3I2_Access-8	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Intermediate Overlay	6/17/2030	6/17/2030	1	1
I3I2_Access-9	Roads	I3 to I2 Access	Central, Eastern	9B, 10B	2a, 4a	Final Overlay	8/18/2037	8/19/2037	2	2
SR160_Access-1	Roads	SR160 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Initial Overlay	6/24/2027	7/14/2027	15	5
SR160_Access-2	Roads	SR160 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Intermediate Overlay	7/23/2030	8/12/2030	20	5
SR160_Access-3	Roads	SR160 Access	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Final Overlay	8/26/2037	9/16/2037	20	5
DiscovBay_Access-1	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Roadway Excavation	11/10/2026	11/13/2026	4	4
DiscovBay_Access-2	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Embankment	11/16/2026	11/20/2026	5	5
DiscovBay_Access-3	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Culvert Pipe	11/23/2026	11/24/2026	2	2
DiscovBay_Access-4	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Subdrain System	11/25/2026	12/7/2026	10	5
DiscovBay_Access-5	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Road Base	12/8/2026	12/22/2026	11	5
DiscovBay_Access-6	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Asphalt Paving	12/23/2026	12/30/2026	6	5
DiscovBay_Access-7	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	KRail and Signs	12/31/2026	12/31/2026	1	1
DiscovBay_Access-8	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Intermediate Overlay	5/7/2030	5/8/2030	2	2
DiscovBay_Access-9	Roads	Discovery Bay Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Final Overlay	6/8/2037	6/10/2037	3	3

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
WesternFarm_Access-1	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Roadway Excavation	10/9/2026	10/14/2026	5	5
WesternFarm_Access-2	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Embankment	10/15/2026	10/19/2026	5	5
WesternFarm_Access-3	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Culvert Pipe	10/20/2026	10/20/2026	1	1
WesternFarm_Access-4	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Subdrain System	10/21/2026	10/27/2026	5	5
WesternFarm_Access-5	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Road Base	10/28/2026	11/9/2026	11	5
WesternFarm_Access-6	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Asphalt Paving	11/10/2026	11/17/2026	6	5
WesternFarm_Access-7	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	KRail and Signs	11/18/2026	11/18/2026	1	1
WesternFarm_Access-8	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Intermediate Overlay	5/20/2030	5/21/2030	2	2
WesternFarm_Access-9	Roads	Western Farm Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Final Overlay	6/10/2037	6/12/2037	3	3
Bruhns_Access-1	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Roadway Excavation	3/12/2027	3/15/2027	4	4
Bruhns_Access-2	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Embankment	3/16/2027	3/16/2027	1	1
Bruhns_Access-3	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Culvert Pipe	3/17/2027	3/17/2027	1	1
Bruhns_Access-4	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Bridge over Byron Highway	3/17/2027	6/1/2027	54	5
Bruhns_Access-5	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Subdrain System	3/18/2027	3/22/2027	5	5
Bruhns_Access-6	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Road Base	3/23/2027	3/24/2027	2	2
Bruhns_Access-7	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Asphalt Paving	6/2/2027	6/3/2027	2	2
Bruhns_Access-8	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	KRail and Signs	6/4/2027	6/4/2027	1	1
Bruhns_Access-9	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Intermediate Overlay	5/13/2030	5/14/2030	2	2
Bruhns_Access-10	Roads	Bruhns Access	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Final Overlay	6/29/2037	7/1/2037	3	3
HoodFrankOverlay_Access-1	Roads	Hood Franklin Overlay	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Roadway Excavation	11/24/2026	11/30/2026	5	5
HoodFrankOverlay_Access-2	Roads	Hood Franklin Overlay	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Intermediate Overlay	4/22/2030	4/29/2030	5	5
HoodFrankOverlay_Access-3	Roads	Hood Franklin Overlay	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Final Overlay	6/8/2037	6/16/2037	7	5
NewHopeOpt1_Shaft_C-1	Shafts	New Hope Shaft Alt 1	Central	1B	1	Clear and Grub	4/6/2028	4/26/2028	15	5
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	Central	1B	1	Ground Improvement	4/27/2028	6/14/2028	35	5
NewHopeOpt1_Shaft_C-3	Shafts	New Hope Shaft Alt 1	Central	1B	1	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt1_Shaft_C-4	Shafts	New Hope Shaft Alt 1	Central	1B	1	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt1_Shaft_C-5	Shafts	New Hope Shaft Alt 1	Central	1B	1	Place Guide Walls Concrete	11/7/2028	11/7/2028	1	1

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	Central	1B	1	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7
NewHopeOpt1_Shaft_C-7	Shafts	New Hope Shaft Alt 1	Central	1B	1	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/23/2029	37	7
NewHopeOpt1_Shaft_C-8	Shafts	New Hope Shaft Alt 1	Central	1B	1	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt1_Shaft_C-9	Shafts	New Hope Shaft Alt 1	Central	1B	1	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt1_Shaft_C-10	Shafts	New Hope Shaft Alt 1	Central	1B	1	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt1_Shaft_C-11	Shafts	New Hope Shaft Alt 1	Central	1B	1	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5
NewHopeOpt1_Shaft_C-12	Shafts	New Hope Shaft Alt 1	Central	1B	1	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	Central	1B	1	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	8/1/2029	80	5
NewHopeOpt1_Shaft_C-14	Shafts	New Hope Shaft Alt 1	Central	1B	1	Place Shaft Cover	8/1/2029	8/7/2029	5	5
StatenIslandOpt1_Shaft_C-1	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Clear and Grub	10/19/2028	10/20/2028	2	2
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Ground Improvement	10/23/2028	11/14/2028	17	5
StatenIslandOpt1_Shaft_C-3	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
StatenIslandOpt1_Shaft_C-4	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/15/2029	13	5
StatenIslandOpt1_Shaft_C-5	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Place Guide Walls Concrete	8/16/2029	8/16/2029	1	1
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
StatenIslandOpt1_Shaft_C-7	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
StatenIslandOpt1_Shaft_C-8	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Excavate Shaft	11/8/2029	12/17/2029	40	7
StatenIslandOpt1_Shaft_C-9	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Place Tremie Seal Rebar, Cooling Pipes, & Seal	11/8/2029	12/31/2029	54	7
StatenIslandOpt1_Shaft_C-10	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Dewater Shaft	1/1/2030	1/7/2030	7	7
StatenIslandOpt1_Shaft_C-11	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
StatenIslandOpt1_Shaft_C-12	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	20	5
StatenIslandOpt1_Shaft_C-13	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Ring Beam	1/8/2030	1/15/2030	6	5
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
StatenIslandOpt1_Shaft_C-15	Shafts	Staten Island Shaft Alt 1	Central	1B	1	Place Shaft Cover	4/29/2030	5/7/2030	7	5
MandIslandOpt1_Shaft_C-1	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Clear and Grub	2/27/2030	3/19/2030	15	5
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Ground Improvement	3/20/2030	5/14/2030	40	5
MandIslandOpt1_Shaft_C-3	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Raise Shaft Pad	5/15/2030	5/13/2031	261	5
MandIslandOpt1_Shaft_C-4	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/30/2031	9	5
MandIslandOpt1_Shaft_C-5	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Place Guide Walls Concrete	6/2/2031	6/2/2031	1	1
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Excavate Slurry Wall & Place Concrete & Rebar	6/3/2031	7/10/2031	38	7
MandIslandOpt1_Shaft_C-7	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Slurry Wall including Strip Forms and Place Rebar & Top Beam	7/11/2031	8/22/2031	43	7
MandIslandOpt1_Shaft_C-8	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Excavate Shaft	8/25/2031	10/1/2031	28	7
MandIslandOpt1_Shaft_C-9	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/2/2031	10/15/2031	14	7
MandIslandOpt1_Shaft_C-10	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Dewater Shaft	10/16/2031	10/22/2031	7	7
MandIslandOpt1_Shaft_C-11	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Place TBM Cradle Rebar and Cradle Pour	10/23/2031	10/30/2031	6	5
MandIslandOpt1_Shaft_C-12	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Breakout Slurry Wall for TBM	10/31/2031	11/26/2031	19	5
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	10/3/2031	2/11/2032	96	5
MandIslandOpt1_Shaft_C-14	Shafts	Mandeville Shaft Alt 1	Central	1B	1	Place Shaft Cover	2/19/2032	2/27/2032	7	5
NewHopeOpt2_Shaft_E-1	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Clear and Grub	4/4/2028	4/5/2028	1	1
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Ground Improvement	4/6/2028	6/14/2028	50	5
NewHopeOpt2_Shaft_E-3	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt2_Shaft_E-4	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt2_Shaft_E-5	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place Guide Walls Concrete	11/6/2028	11/7/2028	1	1
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
NewHopeOpt2_Shaft_E-7	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/23/2029	37	7
NewHopeOpt2_Shaft_E-8	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt2_Shaft_E-9	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt2_Shaft_E-10	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt2_Shaft_E-11	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5
NewHopeOpt2_Shaft_E-12	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt2_Shaft_E-13	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	8/1/2029	80	5
NewHopeOpt2_Shaft_E-14	Shafts	New Hope Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place Shaft Cover	8/1/2029	8/7/2029	5	5
CanalRanchOpt2_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Clear and Grub	10/19/2028	10/20/2028	2	2
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Ground Improvement	10/23/2028	12/29/2028	50	5
CanalRanchOpt2_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
CanalRanchOpt2_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/14/2029	12	5
CanalRanchOpt2_Shaft_E-5	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place Guide Walls Concrete	8/15/2029	8/16/2029	2	2
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
CanalRanchOpt2_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
CanalRanchOpt2_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Excavate Shaft	11/8/2029	12/17/2029	40	7
CanalRanchOpt2_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/18/2029	12/31/2029	14	7
CanalRanchOpt2_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Dewater Shaft	1/1/2030	1/7/2030	7	7
CanalRanchOpt2_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
CanalRanchOpt2_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	19	5
CanalRanchOpt2_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
CanalRanchOpt2_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 3	Eastern, Bethany	2B, B2	3, 5	Place Shaft Cover	4/29/2030	5/7/2030	7	5
TerminousOpt2_Shaft_E-1	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Clear and Grub	5/14/2031	5/20/2031	5	5
TerminousOpt2_Shaft_E-2	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Ground Improvement	5/21/2031	6/10/2031	15	5
TerminousOpt2_Shaft_E-3	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Raise Shaft Pad	11/12/2031	9/2/2032	211	5
TerminousOpt2_Shaft_E-4	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/3/2032	1	1
TerminousOpt2_Shaft_E-5	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Place Guide Walls Concrete	9/21/2032	9/22/2032	2	2
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
TerminousOpt2_Shaft_E-8	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Excavate Shaft	12/15/2032	7/27/2033	225	7
TerminousOpt2_Shaft_E-9	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/15/2032	2/10/2033	58	7
TerminousOpt2_Shaft_E-10	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Dewater Shaft	2/11/2033	2/17/2033	7	7
TerminousOpt2_Shaft_E-11	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
TerminousOpt2_Shaft_E-12	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
TerminousOpt2_Shaft_E-13	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/5/2033	30	5
TerminousOpt2_Shaft_E-14	Shafts	Terminous Shaft Alt 3	Eastern	2B	3	Place Shaft Cover	6/12/2033	6/19/2033	5	5
KingIslandOpt2_Shaft_E-1	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Clear and Grub	2/27/2030	3/19/2030	15	5
KingIslandOpt2_Shaft_E-2	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Ground Improvement	4/10/2030	5/14/2030	25	5
KingIslandOpt2_Shaft_E-3	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Raise Shaft Pad	5/15/2030	5/13/2031	263	5
KingIslandOpt2_Shaft_E-4	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/29/2031	12	5
KingIslandOpt2_Shaft_E-5	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Place Guide Walls Concrete	5/30/2031	6/2/2031	4	4
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Excavate Slurry Wall & Place Concrete & Rebar	6/3/2031	7/10/2031	38	7
KingIslandOpt2_Shaft_E-7	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Slurry Wall including Strip Forms and Place Rebar & Top Beam	7/11/2031	8/22/2031	43	7
KingIslandOpt2_Shaft_E-8	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Excavate Shaft	8/25/2031	10/1/2031	38	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
KingIslandOpt2_Shaft_E-9	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/2/2031	10/15/2031	14	7
KingIslandOpt2_Shaft_E-10	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Dewater Shaft	10/16/2031	10/22/2031	7	7
KingIslandOpt2_Shaft_E-11	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Place TBM Cradle Rebar and Cradle Pour	10/23/2031	10/30/2031	6	5
KingIslandOpt2_Shaft_E-12	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Breakout Slurry Wall for TBM	10/31/2031	11/26/2031	19	5
KingIslandOpt2_Shaft_E-13	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	10/31/2031	2/19/2032	70	5
KingIslandOpt2_Shaft_E-14	Shafts	King Island Shaft Alt 3	Eastern	2B	3	Place Shaft Cover	2/19/2032	2/27/2032	6	5
UpperJonesOpt2_Shaft_E-1	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Clear and Grub	10/4/2030	10/25/2030	17	5
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Ground Improvement	11/15/2030	12/20/2030	26	5
UpperJonesOpt2_Shaft_E-3	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Raise Shaft Pad	12/20/2030	12/19/2031	261	5
UpperJonesOpt2_Shaft_E-4	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Excavate, Set Strips, & Place Guide Wall	12/19/2031	1/6/2032	14	5
UpperJonesOpt2_Shaft_E-5	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Place Guide Walls Concrete	1/6/2032	1/8/2032	3	2
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Excavate Slurry Wall & Place Concrete & Rebar	1/8/2032	2/17/2032	43	7
UpperJonesOpt2_Shaft_E-7	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Slurry Wall including Strip Forms and Place Rebar & Top Beam	2/17/2032	3/31/2032	42	7
UpperJonesOpt2_Shaft_E-8	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Excavate Shaft	3/31/2032	5/10/2032	41	7
UpperJonesOpt2_Shaft_E-9	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/31/2032	5/24/2032	55	7
UpperJonesOpt2_Shaft_E-10	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Dewater Shaft	5/24/2032	5/31/2032	8	7
UpperJonesOpt2_Shaft_E-11	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Place TBM Cradle Rebar and Cradle Pour	5/31/2032	6/8/2032	9	5
UpperJonesOpt2_Shaft_E-12	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Breakout Slurry Wall for TBM	6/8/2032	7/5/2032	20	5
UpperJonesOpt2_Shaft_E-13	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	6/8/2032	8/23/2032	33	5
UpperJonesOpt2_Shaft_E-14	Shafts	Upper Jones Shaft Alt 3	Eastern	2B	3	Place Shaft Cover	8/31/2032	9/8/2032	7	5
BouldinOpt1_Shaft_C-1	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Mobilize	7/19/2028	9/12/2028	39	5
BouldinOpt1_Shaft_C-2	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Management, Engineering, & Field Labor	7/19/2028	3/10/2036	2,012	5
BouldinOpt1_Shaft_C-3	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Clear and Grub	9/13/2028	10/10/2028	19	5
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Ground Improvement, Grading, & Compaction at Shaft & Segment Storage Area	9/13/2028	10/30/2029	295	5
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
BouldinOpt1_Shaft_C-6	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
BouldinOpt1_Shaft_C-7	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	10/31/2029	12/18/2029	35	5
BouldinOpt1_Shaft_C-8	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
BouldinOpt1_Shaft_C-10	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Excavate Shaft	7/19/2030	10/16/2030	66	5
BouldinOpt1_Shaft_C-11	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
BouldinOpt1_Shaft_C-12	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Dewater Shaft	11/14/2030	11/20/2030	10	7
BouldinOpt1_Shaft_C-13	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	12/3/2030	10	5
BouldinOpt1_Shaft_C-14	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
BouldinOpt1_Shaft_C-15	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
BouldinOpt1_Shaft_C-16	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
BouldinOpt1_Shaft_C-17	Shafts	Bouldin Shaft Alt 1	Central	1B	1	TBM Assembly including Shaft Utilities	4/17/2031	12/5/2031	167	5
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Tunneling Operations including Equipment Delivery	4/17/2031	12/25/2035	1,469	6
BouldinOpt1_Shaft_C-19	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Remove TBM and Tunnel Equipment	12/26/2035	2/6/2036	31	5
BouldinOpt1_Shaft_C-20	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Remove Equipment from Site	2/7/2036	3/10/2036	31	5
BouldinOpt1_Shaft_C-21	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Final Access to RTM Storage Area	3/11/2036	3/13/2036	3	3
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	Central	1B	1	Site Restoration	3/14/2036	9/26/2036	141	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Mobilize, Excavate, & Mobilize	2/2/2026	6/5/2026	90	5
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt1_Shaft_C-3	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt1_Shaft_C-4	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Management, Engineering, & Field Labor -Reach 2	3/17/2027	4/9/2037	1,551	4
TwinCitiesOpt1_Shaft_C-5	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Excavation, Grading, & Compaction -Reach 2	7/13/2027	4/24/2028	204	5
TwinCitiesOpt1_Shaft_C-7	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOpt1_Shaft_C-8	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt1_Shaft_C-9	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Place Guide Walls Concrete for Reach 2	4/3/2028	6/20/2028	57	5
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt1_Shaft_C-11	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Place Guide Walls Concrete for Reach 1	8/8/2028	8/30/2028	17	5
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/3/2029	92	5
TwinCitiesOpt1_Shaft_C-13	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt1_Shaft_C-14	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Management, Engineering, & Field Labor -Reach 1	3/21/2029	3/14/2035	1,916	6
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Shaft Setup for Reach 1	3/21/2029	4/18/2029	19	5
TwinCitiesOpt1_Shaft_C-16	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt1_Shaft_C-17	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	7/31/2029	43	7
TwinCitiesOpt1_Shaft_C-18	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt1_Shaft_C-19	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	7/24/2029	8/20/2029	20	5
TwinCitiesOpt1_Shaft_C-20	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt1_Shaft_C-21	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt1_Shaft_C-22	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Erect Gantry Crane for Reaches 1 & 2	11/16/2029	12/11/2029	19	5
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Tunneling Operations including Equipment Delivery for Reach 2	6/6/2030	12/4/2036	2,064	6
TwinCitiesOpt1_Shaft_C-25	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	TBM Assembly including Shaft Utilities for Reach 1	7/17/2030	12/31/2030	120	5
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Tunneling Operations including Equipment Delivery for Reach 1	11/6/2030	12/28/2034	1,297	6
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Remove TBM and Tunnel Equipment for Reach 1	12/29/2034	2/22/2035	40	5
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Remove TBM and Tunnel Equipment for Reach 2	2/4/2037	4/9/2037	46	5
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Central	1B	1	Site Restoration	3/26/2037	9/30/2037	135	5
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Mobilize, Excavate, & Mobilize	2/2/2026	6/5/2026	90	5
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt2_Shaft_E-3	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt2_Shaft_E-4	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Management, Engineering, & Field Labor -Reach 2	3/17/2027	4/21/2037	1,561	4
TwinCitiesOpt2_Shaft_E-5	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Excavation, Grading, & Compaction -Reach 2	7/13/2027	4/24/2028	204	5
TwinCitiesOpt2_Shaft_E-7	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOpt2_Shaft_E-8	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt2_Shaft_E-9	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Place Guide Walls Concrete for Reach 2	4/3/2028	6/20/2028	57	5
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt2_Shaft_E-11	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Place Guide Walls Concrete for Reach 1	8/8/2028	8/30/2028	17	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/3/2029	92	5
TwinCitiesOpt2_Shaft_E-13	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt2_Shaft_E-14	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Management, Engineering, & Field Labor -Reach 1	3/21/2029	3/14/2035	1,916	6
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Shaft Setup for Reach 1	3/21/2029	4/18/2029	19	5
TwinCitiesOpt2_Shaft_E-16	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt2_Shaft_E-17	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	7/31/2029	43	7
TwinCitiesOpt2_Shaft_E-18	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt2_Shaft_E-19	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	7/24/2029	8/20/2029	20	5
TwinCitiesOpt2_Shaft_E-20	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt2_Shaft_E-21	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt2_Shaft_E-22	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Erect Gantry Crane for Reaches 1 & 2	11/16/2029	12/11/2029	19	5
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Tunneling Operations including Equipment Delivery for Reach 2	6/6/2030	12/4/2036	2,064	6
TwinCitiesOpt2_Shaft_E-25	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	TBM Assembly including Shaft Utilities for Reach 1	7/17/2030	12/31/2030	120	5
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Tunneling Operations including Equipment Delivery for Reach 1	11/6/2030	12/28/2034	1,297	6
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Remove TBM and Tunnel Equipment for Reach 1	12/29/2034	2/22/2035	40	5
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Remove TBM and Tunnel Equipment for Reach 2	2/4/2037	4/9/2037	46	5
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Eastern	2B	3	Site Restoration	3/26/2037	9/30/2037	135	5
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Embankment	5/18/2027	6/4/2027	14	5
LowerRobertOpt2_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Subdrain	6/7/2027	7/2/2027	20	5
LowerRobertOpt2_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Mobilize	7/19/2028	9/12/2028	39	5
LowerRobertOpt2_Shaft_E-4	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Management, Engineering, & Field Labor	7/19/2028	7/7/2036	2,105	5
LowerRobertOpt2_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Clear and Grub	9/13/2028	10/10/2028	19	5
LowerRobertOpt2_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Grading, & Compaction at Shaft & Segment Storage Area	10/3/2029	10/30/2029	20	5
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
LowerRobertOpt2_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
LowerRobertOpt2_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	10/31/2029	12/18/2029	35	5
LowerRobertOpt2_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
LowerRobertOpt2_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Excavate Shaft	7/19/2030	10/16/2030	66	5
LowerRobertOpt2_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
LowerRobertOpt2_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Dewater Shaft	11/14/2030	11/20/2030	10	7
LowerRobertOpt2_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	11/29/2030	7	5
LowerRobertOpt2_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
LowerRobertOpt2_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
LowerRobertOpt2_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
LowerRobertOpt2_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	TBM Assembly including Shaft Utilities	4/17/2031	12/3/2031	165	5
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Tunneling Operations including Equipment Delivery	4/17/2031	4/22/2036	1,571	6
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Remove TBM and Tunnel Equipment	4/23/2036	7/7/2036	55	5
LowerRobertOpt2_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Final Access to RTM Storage Area	7/8/2036	7/10/2036	3	3
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	Eastern	2B	3	Site Restoration	7/10/2036	1/23/2037	141	5
BaconOpt1_Shaft_C-1	Shafts	Bacon Shaft Alt 1	Central	1B	1	Concrete Batch Plant	4/30/2031	5/20/2031	15	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BaconOpt1_Shaft_C-2	Shafts	Bacon Shaft Alt 1	Central	1B	1	Clear and Grub	5/14/2031	5/20/2031	5	5
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	Central	1B	1	Ground Improvement	5/21/2031	11/11/2031	125	5
BaconOpt1_Shaft_C-4	Shafts	Bacon Shaft Alt 1	Central	1B	1	Raise Shaft Pad	11/12/2031	9/2/2032	190	5
BaconOpt1_Shaft_C-5	Shafts	Bacon Shaft Alt 1	Central	1B	1	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/20/2032	14	5
BaconOpt1_Shaft_C-6	Shafts	Bacon Shaft Alt 1	Central	1B	1	Place Guide Walls Concrete	9/21/2032	9/22/2032	1	1
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	Central	1B	1	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
BaconOpt1_Shaft_C-8	Shafts	Bacon Shaft Alt 1	Central	1B	1	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
BaconOpt1_Shaft_C-9	Shafts	Bacon Shaft Alt 1	Central	1B	1	Excavate Shaft	12/15/2032	1/27/2033	47	7
BaconOpt1_Shaft_C-10	Shafts	Bacon Shaft Alt 1	Central	1B	1	Place Tremie Seal Rebar, Cooling Pipes, & Seal	1/28/2033	2/10/2033	14	7
BaconOpt1_Shaft_C-11	Shafts	Bacon Shaft Alt 1	Central	1B	1	Dewater Shaft	2/11/2033	2/17/2033	7	7
BaconOpt1_Shaft_C-12	Shafts	Bacon Shaft Alt 1	Central	1B	1	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
BaconOpt1_Shaft_C-13	Shafts	Bacon Shaft Alt 1	Central	1B	1	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
BaconOpt1_Shaft_C-14	Shafts	Bacon Shaft Alt 1	Central	1B	1	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/12/2033	35	5
BaconOpt1_Shaft_C-15	Shafts	Bacon Shaft Alt 1	Central	1B	1	Place Shaft Cover	2/14/2036	2/21/2036	5	5
BaconOpt1_Shaft_C-16	Shafts	Bacon Shaft Alt 1	Central	1B	1	Complete Shaft Maintenance	3/23/2034	4/21/2034	22	5
BaconOpt1_Shaft_C-17	Shafts	Bacon Shaft Alt 1	Central	1B	1	Batch Plant Operations	5/20/2031	4/11/2033	500	5
BaconOpt1_Shaft_C-18	Shafts	Bacon Shaft Alt 1	Central	1B	1	Batch Plant Demobilization	4/28/2033	5/4/2033	5	5
BaconOpt5_Shaft_C-1	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Concrete Batch Plant	4/30/2031	5/20/2031	15	5
BaconOpt5_Shaft_C-2	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Clear and Grub	5/14/2031	5/20/2031	5	5
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Ground Improvement	5/21/2031	11/11/2031	125	5
BaconOpt5_Shaft_C-4	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Raise Shaft Pad	11/12/2031	9/2/2032	190	5
BaconOpt5_Shaft_C-5	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/20/2032	14	5
BaconOpt5_Shaft_C-6	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Place Guide Walls Concrete	9/21/2032	9/22/2032	1	1
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
BaconOpt5_Shaft_C-8	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
BaconOpt5_Shaft_C-9	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Excavate Shaft	12/15/2032	1/27/2033	47	7
BaconOpt5_Shaft_C-10	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	1/28/2033	2/10/2033	14	7
BaconOpt5_Shaft_C-11	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Dewater Shaft	2/11/2033	2/17/2033	7	7
BaconOpt5_Shaft_C-12	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
BaconOpt5_Shaft_C-13	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
BaconOpt5_Shaft_C-14	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/19/2033	40	5
BaconOpt5_Shaft_C-15	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Place Shaft Cover	2/14/2035	2/21/2035	5	5
BaconOpt5_Shaft_C-16	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Complete Shaft Maintenance	3/23/2034	4/21/2034	22	5
BaconOpt5_Shaft_C-17	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Batch Plant Operations	5/20/2031	4/11/2033	500	5
BaconOpt5_Shaft_C-18	Shafts	Bacon Shaft Alt 2b	Central	5B	2b	Batch Plant Demobilization	4/28/2033	5/4/2033	5	5
BouldinOpt5_Shaft_C-1	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Mobilize	7/19/2028	9/12/2028	39	5
BouldinOpt5_Shaft_C-2	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Management, Engineering, & Field Labor	7/19/2028	7/17/2035	1,825	5
BouldinOpt5_Shaft_C-3	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Clear and Grub	9/13/2028	10/10/2028	19	5
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Ground Improvement, Grading, & Compaction at Shaft & Segment Storage Area	9/13/2028	10/30/2029	295	5
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
BouldinOpt5_Shaft_C-6	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
BouldinOpt5_Shaft_C-7	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	10/31/2029	12/18/2029	35	5
BouldinOpt5_Shaft_C-8	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
BouldinOpt5_Shaft_C-10	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Excavate Shaft	7/19/2030	10/16/2030	66	5
BouldinOpt5_Shaft_C-11	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
BouldinOpt5_Shaft_C-12	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Dewater Shaft	11/14/2030	11/20/2030	10	7
BouldinOpt5_Shaft_C-13	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	12/3/2030	10	5
BouldinOpt5_Shaft_C-14	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
BouldinOpt5_Shaft_C-15	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
BouldinOpt5_Shaft_C-16	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
BouldinOpt5_Shaft_C-17	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	TBM Assembly including Shaft Utilities	4/17/2031	12/5/2031	167	5
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Tunneling Operations including Equipment Delivery	4/17/2031	5/2/2035	1,266	6
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Remove TBM and Tunnel Equipment	5/2/2035	6/28/2035	50	5
BouldinOpt5_Shaft_C-20	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Remove Equipment from Site	6/14/2035	7/20/2035	27	5
BouldinOpt5_Shaft_C-21	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Final Access to RTM Storage Area	7/17/2035	7/28/2035	9	3
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	Central	5B	2b	Site Restoration	7/20/2035	2/4/2036	144	5
CanalRanchOpt6_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Clear and Grub	10/19/2028	10/20/2028	2	2
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Ground Improvement	10/23/2028	12/29/2028	50	5
CanalRanchOpt6_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
CanalRanchOpt6_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/14/2029	12	5
CanalRanchOpt6_Shaft_E-5	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete	8/15/2029	8/16/2029	2	2
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
CanalRanchOpt6_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
CanalRanchOpt6_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft	11/8/2029	12/17/2029	40	7
CanalRanchOpt6_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/18/2029	12/31/2029	14	7
CanalRanchOpt6_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Dewater Shaft	1/1/2030	1/7/2030	7	7
CanalRanchOpt6_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
CanalRanchOpt6_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	19	5
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
CanalRanchOpt6_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4b	Eastern	6B	4b	Place Shaft Cover	4/29/2030	5/7/2030	7	5
KingIslandOpt6_Shaft_E-1	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Clear and Grub	2/27/2030	3/19/2030	15	5
KingIslandOpt6_Shaft_E-2	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Ground Improvement	4/10/2030	5/14/2030	25	5
KingIslandOpt6_Shaft_E-3	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Raise Shaft Pad	5/15/2030	5/13/2031	263	5
KingIslandOpt6_Shaft_E-4	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/29/2031	12	5
KingIslandOpt6_Shaft_E-5	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete	5/30/2031	6/2/2031	4	4
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Excavate Slurry Wall & Place Concrete & Rebar	6/3/2031	7/10/2031	38	7
KingIslandOpt6_Shaft_E-7	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	7/11/2031	8/22/2031	43	7
KingIslandOpt6_Shaft_E-8	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft	8/25/2031	10/1/2031	38	7
KingIslandOpt6_Shaft_E-9	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/2/2031	10/15/2031	14	7
KingIslandOpt6_Shaft_E-10	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Dewater Shaft	10/16/2031	10/22/2031	7	7
KingIslandOpt6_Shaft_E-11	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Place TBM Cradle Rebar and Cradle Pour	10/23/2031	10/30/2031	6	5
KingIslandOpt6_Shaft_E-12	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Breakout Slurry Wall for TBM	10/31/2031	11/26/2031	19	5
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	10/31/2031	2/19/2032	70	5
KingIslandOpt6_Shaft_E-14	Shafts	King Island Shaft Alt 4b	Eastern	6B	4b	Place Shaft Cover	2/19/2032	2/27/2032	6	5
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Embankment	5/18/2027	6/4/2027	14	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
LowerRobertOpt6_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Subdrain	6/7/2027	7/2/2027	20	5
LowerRobertOpt6_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Mobilize	7/19/2028	9/12/2028	39	5
LowerRobertOpt6_Shaft_E-4	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Management, Engineering, & Field Labor	7/19/2028	10/24/2035	1,896	5
LowerRobertOpt6_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Clear and Grub	9/13/2028	10/10/2028	19	5
LowerRobertOpt6_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Grading, & Compaction at Shaft & Segment Storage Area	10/3/2029	10/30/2029	20	5
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
LowerRobertOpt6_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
LowerRobertOpt6_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	10/31/2029	12/18/2029	35	5
LowerRobertOpt6_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
LowerRobertOpt6_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft	7/19/2030	10/16/2030	66	5
LowerRobertOpt6_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
LowerRobertOpt6_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Dewater Shaft	11/14/2030	11/20/2030	10	7
LowerRobertOpt6_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	12/3/2030	9	5
LowerRobertOpt6_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
LowerRobertOpt6_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
LowerRobertOpt6_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
LowerRobertOpt6_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	TBM Assembly including Shaft Utilities	4/17/2031	12/3/2031	165	5
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Tunneling Operations including Equipment Delivery	4/17/2031	8/9/2035	1,318	6
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Remove TBM and Tunnel Equipment	8/9/2035	10/24/2035	77	5
LowerRobertOpt6_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Final Access to RTM Storage Area	10/24/2035	10/29/2035	5	5
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	Eastern	6B	4b	Site Restoration	10/26/2035	5/13/2036	144	5
MandIslandOpt5_Shaft_C-1	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Clear and Grub	2/27/2030	3/19/2030	15	5
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Ground Improvement	3/20/2030	5/14/2030	40	5
MandIslandOpt5_Shaft_C-3	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Raise Shaft Pad	5/15/2030	5/13/2031	261	5
MandIslandOpt5_Shaft_C-4	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/30/2031	9	5
MandIslandOpt5_Shaft_C-5	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Place Guide Walls Concrete	6/11/2031	6/11/2031	1	1
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Excavate Slurry Wall & Place Concrete & Rebar	6/12/2031	8/27/2031	54	7
MandIslandOpt5_Shaft_C-7	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	8/28/2031	9/2/2031	5	7
MandIslandOpt5_Shaft_C-8	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Excavate Shaft	9/3/2031	10/10/2031	28	7
MandIslandOpt5_Shaft_C-9	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/13/2031	10/17/2031	5	7
MandIslandOpt5_Shaft_C-10	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Dewater Shaft	10/27/2031	10/31/2031	5	7
MandIslandOpt5_Shaft_C-11	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Place TBM Cradle Rebar and Cradle Pour	11/3/2031	11/6/2031	4	5
MandIslandOpt5_Shaft_C-12	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Breakout Slurry Wall for TBM	11/11/2031	12/5/2031	19	5
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	11/11/2031	3/1/2032	80	5
MandIslandOpt5_Shaft_C-14	Shafts	Mandeville Shaft Alt 2b	Central	5B	2b	Place Shaft Cover	3/1/2032	3/9/2032	7	5
NewHopeOpt5_Shaft_C-1	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Clear and Grub	4/6/2028	4/26/2028	15	5
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Ground Improvement	4/27/2028	6/14/2028	35	5
NewHopeOpt5_Shaft_C-3	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt5_Shaft_C-4	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt5_Shaft_C-5	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Place Guide Walls Concrete	11/7/2028	11/7/2028	1	1
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7
NewHopeOpt5_Shaft_C-7	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/23/2029	37	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
NewHopeOpt5_Shaft_C-8	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt5_Shaft_C-9	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt5_Shaft_C-10	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt5_Shaft_C-11	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5
NewHopeOpt5_Shaft_C-12	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt5_Shaft_C-13	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	8/1/2029	80	5
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	Central	5B	2b	Place Shaft Cover	8/1/2029	8/7/2029	5	5
NewHopeOpt6_Shaft_E-1	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Clear and Grub	4/4/2028	4/5/2028	1	1
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Ground Improvement	4/6/2028	6/14/2028	50	5
NewHopeOpt6_Shaft_E-3	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt6_Shaft_E-4	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt6_Shaft_E-5	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete	11/6/2028	11/7/2028	1	1
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7
NewHopeOpt6_Shaft_E-7	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/23/2029	37	7
NewHopeOpt6_Shaft_E-8	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt6_Shaft_E-9	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt6_Shaft_E-10	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt6_Shaft_E-11	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5
NewHopeOpt6_Shaft_E-12	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	8/1/2029	80	5
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	Eastern	6B	4b	Place Shaft Cover	8/1/2029	8/7/2029	5	5
StatenIslandOpt5_Shaft_C-1	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Clear and Grub	10/19/2028	10/20/2028	2	2
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Ground Improvement	10/23/2028	11/14/2028	17	5
StatenIslandOpt5_Shaft_C-3	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
StatenIslandOpt5_Shaft_C-4	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/15/2029	13	5
StatenIslandOpt5_Shaft_C-5	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Place Guide Walls Concrete	8/16/2029	8/16/2029	1	1
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
StatenIslandOpt5_Shaft_C-7	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
StatenIslandOpt5_Shaft_C-8	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Excavate Shaft	11/8/2029	12/17/2029	40	7
StatenIslandOpt5_Shaft_C-9	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	11/8/2029	12/31/2029	54	7
StatenIslandOpt5_Shaft_C-10	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Dewater Shaft	1/1/2030	1/7/2030	7	7
StatenIslandOpt5_Shaft_C-11	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
StatenIslandOpt5_Shaft_C-12	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	20	5
StatenIslandOpt5_Shaft_C-13	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Ring Beam	1/8/2030	1/15/2030	6	5
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
StatenIslandOpt5_Shaft_C-15	Shafts	Staten Island Shaft Alt 2b	Central	5B	2b	Place Shaft Cover	4/29/2030	5/7/2030	7	5
TerminousOpt6_Shaft_E-1	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Clear and Grub	5/14/2031	5/20/2031	5	5
TerminousOpt6_Shaft_E-2	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Ground Improvement	5/21/2031	6/10/2031	15	5
TerminousOpt6_Shaft_E-3	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Raise Shaft Pad	11/12/2031	9/2/2032	211	5
TerminousOpt6_Shaft_E-4	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/3/2032	1	1
TerminousOpt6_Shaft_E-5	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete	9/21/2032	9/22/2032	2	2
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
TerminousOpt6_Shaft_E-8	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft	12/15/2032	7/27/2033	225	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TerminousOpt6_Shaft_E-9	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/15/2032	2/10/2033	58	7
TerminousOpt6_Shaft_E-10	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Dewater Shaft	2/11/2033	2/17/2033	7	7
TerminousOpt6_Shaft_E-11	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
TerminousOpt6_Shaft_E-12	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
TerminousOpt6_Shaft_E-13	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/5/2033	30	5
TerminousOpt6_Shaft_E-14	Shafts	Terminous Shaft Alt 4b	Eastern	6B	4b	Place Shaft Cover	9/28/2033	10/8/2033	8	5
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Mobilize, Excavate, & Mobilize	2/2/2026	6/5/2026	90	5
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt5_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt5_Shaft_C-4	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Management, Engineering, & Field Labor -Reach 2	3/17/2027	3/26/2036	1,217	3
TwinCitiesOpt5_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Excavation, Grading, & Compaction -Reach 2	7/13/2027	4/24/2028	204	5
TwinCitiesOpt5_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt5_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Place Guide Walls Concrete for Reach 2	4/3/2028	6/20/2028	57	5
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt5_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Place Guide Walls Concrete for Reach 1	8/8/2028	8/30/2028	17	5
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/3/2029	92	5
TwinCitiesOpt5_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt5_Shaft_C-14	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Management, Engineering, & Field Labor -Reach 1	11/21/2029	7/20/2034	1,215	5
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Shaft Setup for Reach 1	11/16/2029	12/10/2029	18	5
TwinCitiesOpt5_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt5_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	7/31/2029	43	7
TwinCitiesOpt5_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt5_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	7/24/2029	8/20/2029	20	5
TwinCitiesOpt5_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt5_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt5_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Erect Gantry Crane for Reaches 1 & 2	11/28/2029	12/19/2029	16	5
TwinCitiesOpt5_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Tunneling Operations including Equipment Delivery for Reach 2	6/6/2030	12/4/2036	2,064	6
TwinCitiesOpt5_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	TBM Assembly including Shaft Utilities for Reach 1	6/14/2031	10/3/2031	80	5
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Tunneling Operations including Equipment Delivery for Reach 1	7/9/2031	5/5/2034	736	6
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Remove TBM and Tunnel Equipment for Reach 1	5/5/2034	7/28/2034	61	5
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Remove TBM and Tunnel Equipment for Reach 2	1/22/2036	3/26/2037	306	5
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Central	5B	2b	Site Restoration	3/26/2036	9/30/2036	135	5
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Mobilize, Excavate, & Mobilize	2/2/2026	6/5/2026	90	5
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt6_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt6_Shaft_E-4	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Management, Engineering, & Field Labor -Reach 2	3/17/2027	3/26/2036	1,217	3
TwinCitiesOpt6_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Excavation, Grading, & Compaction -Reach 2	5/12/2027	4/24/2028	204	5
TwinCitiesOpt6_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt6_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete for Reach 2	4/3/2028	6/20/2028	57	5
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt6_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete for Reach 1	8/8/2028	8/30/2028	17	5
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/3/2029	92	5
TwinCitiesOpt6_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt6_Shaft_E-14	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Management, Engineering, & Field Labor -Reach 1	11/21/2029	7/20/2034	1,215	5
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Shaft Setup for Reach 1	11/16/2029	12/10/2029	18	5
TwinCitiesOpt6_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt6_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	7/31/2029	43	7
TwinCitiesOpt6_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt6_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	7/24/2029	8/20/2029	20	5
TwinCitiesOpt6_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt6_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt6_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Erect Gantry Crane for Reaches 1 & 2	11/28/2029	12/19/2029	16	5
TwinCitiesOpt6_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Tunneling Operations including Equipment Delivery for Reach 2	6/6/2030	12/4/2036	2,064	6
TwinCitiesOpt6_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	TBM Assembly including Shaft Utilities for Reach 1	6/14/2031	10/3/2031	80	5
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Tunneling Operations including Equipment Delivery for Reach 1	7/9/2031	5/5/2034	736	6
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Remove TBM and Tunnel Equipment for Reach 1	5/5/2034	7/28/2034	61	5
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Remove TBM and Tunnel Equipment for Reach 2	1/22/2036	3/26/2037	306	5
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Eastern	6B	4b	Site Restoration	3/26/2036	9/30/2036	135	5
UpperJonesOpt6_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Clear and Grub	3/26/2030	4/16/2030	16	5
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Ground Improvement	5/7/2030	6/11/2030	26	5
UpperJonesOpt6_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Raise Shaft Pad	6/11/2030	6/10/2031	261	5
UpperJonesOpt6_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Excavate, Set Strips, & Place Guide Wall	6/10/2031	6/11/2031	2	7
UpperJonesOpt6_Shaft_E-5	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Place Guide Walls Concrete	6/26/2031	6/30/2031	5	5
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Excavate Slurry Wall & Place Concrete & Rebar	6/30/2031	8/7/2031	39	7
UpperJonesOpt6_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Slurry Wall including Strip Forms and Place Rebar & Top Beam	8/7/2031	9/19/2031	44	7
UpperJonesOpt6_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Excavate Shaft	9/19/2031	10/29/2031	41	7
UpperJonesOpt6_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/29/2031	11/12/2031	14	7
UpperJonesOpt6_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Dewater Shaft	11/12/2031	11/19/2031	8	7
UpperJonesOpt6_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Place TBM Cradle Rebar and Cradle Pour	11/19/2031	11/27/2031	7	5
UpperJonesOpt6_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Breakout Slurry Wall for TBM	11/27/2031	12/24/2031	21	5
UpperJonesOpt6_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	11/27/2031	2/19/2032	61	5
UpperJonesOpt6_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4b	Eastern	6B	4b	Place Shaft Cover	2/19/2032	2/27/2032	7	5
NewHopeOpt9_Shaft_C-1	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Clear and Grub	4/6/2028	4/26/2028	15	5
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Ground Improvement	4/27/2028	6/14/2028	35	5
NewHopeOpt9_Shaft_C-3	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt9_Shaft_C-4	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt9_Shaft_C-5	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Place Guide Walls Concrete	11/7/2028	11/7/2028	1	1
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
NewHopeOpt9_Shaft_C-7	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/26/2029	40	7
NewHopeOpt9_Shaft_C-8	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt9_Shaft_C-9	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt9_Shaft_C-10	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt9_Shaft_C-11	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5
NewHopeOpt9_Shaft_C-12	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt9_Shaft_C-13	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	6/28/2029	56	5
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	Central	9B	2a	Place Shaft Cover	6/28/2029	8/7/2029	29	5
NewHopeOpt10_Shaft_E-1	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Clear and Grub	4/4/2028	4/5/2028	1	1
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Ground Improvement	4/6/2028	6/14/2028	50	5
NewHopeOpt10_Shaft_E-3	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt10_Shaft_E-4	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt10_Shaft_E-5	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete	11/6/2028	11/7/2028	1	1
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7
NewHopeOpt10_Shaft_E-7	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/23/2029	37	7
NewHopeOpt10_Shaft_E-8	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt10_Shaft_E-9	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt10_Shaft_E-10	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt10_Shaft_E-11	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5
NewHopeOpt10_Shaft_E-12	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	8/1/2029	80	5
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	Eastern	10B	4a	Place Shaft Cover	8/1/2029	8/7/2029	5	5
StatenIslandOpt9_Shaft_C-1	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Clear and Grub	10/19/2028	10/20/2028	2	2
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Ground Improvement	11/13/2028	12/29/2028	34	5
StatenIslandOpt9_Shaft_C-3	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
StatenIslandOpt9_Shaft_C-4	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/15/2029	13	5
StatenIslandOpt9_Shaft_C-5	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Place Guide Walls Concrete	8/16/2029	8/16/2029	1	1
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
StatenIslandOpt9_Shaft_C-7	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
StatenIslandOpt9_Shaft_C-8	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Excavate Shaft	11/8/2029	12/17/2029	40	7
StatenIslandOpt9_Shaft_C-9	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/18/2029	12/31/2029	14	7
StatenIslandOpt9_Shaft_C-10	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Dewater Shaft	1/1/2030	1/7/2030	7	7
StatenIslandOpt9_Shaft_C-11	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
StatenIslandOpt9_Shaft_C-12	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	20	5
StatenIslandOpt9_Shaft_C-13	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Ring Beam	1/8/2030	1/15/2030	6	5
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
StatenIslandOpt9_Shaft_C-15	Shafts	Staten Island Shaft Alt 2a	Central	9B	2a	Place Shaft Cover	4/29/2030	5/7/2030	7	5
MandIslandOpt9_Shaft_C-1	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Clear and Grub	2/27/2030	3/19/2030	15	5
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Ground Improvement	3/20/2030	5/14/2030	40	5
MandIslandOpt9_Shaft_C-3	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Raise Shaft Pad	5/15/2030	5/13/2031	261	5
MandIslandOpt9_Shaft_C-4	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/30/2031	9	5
MandIslandOpt9_Shaft_C-5	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Place Guide Walls Concrete	6/2/2031	6/2/2031	1	1
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Excavate Slurry Wall & Place Concrete & Rebar	6/3/2031	8/8/2031	44	7
MandIslandOpt9_Shaft_C-7	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	8/19/2031	8/22/2031	5	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
MandIslandOpt9_Shaft_C-8	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Excavate Shaft	8/25/2031	10/1/2031	38	7
MandIslandOpt9_Shaft_C-9	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/2/2031	10/15/2031	14	7
MandIslandOpt9_Shaft_C-10	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Dewater Shaft	10/16/2031	10/22/2031	7	7
MandIslandOpt9_Shaft_C-11	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Place TBM Cradle Rebar and Cradle Pour	10/23/2031	10/28/2031	5	5
MandIslandOpt9_Shaft_C-12	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Breakout Slurry Wall for TBM	10/31/2031	11/26/2031	19	5
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	10/31/2031	2/19/2032	80	5
MandIslandOpt9_Shaft_C-14	Shafts	Mandeville Shaft Alt 2a	Central	9B	2a	Place Shaft Cover	2/19/2032	2/27/2032	7	5
BaconOpt9_Shaft_C-1	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Concrete Batch Plant	4/30/2031	5/20/2031	15	5
BaconOpt9_Shaft_C-2	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Clear and Grub	5/14/2031	5/20/2031	5	5
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Ground Improvement	6/2/2031	11/11/2031	117	5
BaconOpt9_Shaft_C-4	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Raise Shaft Pad	11/12/2031	9/2/2032	190	5
BaconOpt9_Shaft_C-5	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/20/2032	14	5
BaconOpt9_Shaft_C-6	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Place Guide Walls Concrete	9/21/2032	9/22/2032	1	1
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
BaconOpt9_Shaft_C-8	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
BaconOpt9_Shaft_C-9	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Excavate Shaft	12/15/2032	1/27/2033	47	7
BaconOpt9_Shaft_C-10	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	1/28/2033	2/10/2033	14	7
BaconOpt9_Shaft_C-11	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Dewater Shaft	2/11/2033	2/17/2033	7	7
BaconOpt9_Shaft_C-12	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
BaconOpt9_Shaft_C-13	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
BaconOpt9_Shaft_C-14	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/19/2033	40	5
BaconOpt9_Shaft_C-15	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Place Shaft Cover	9/9/2036	9/17/2036	7	5
BaconOpt9_Shaft_C-16	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Complete Shaft Maintenance	3/23/2034	4/21/2034	22	5
BaconOpt9_Shaft_C-17	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Batch Plant Operations	5/20/2031	4/11/2033	500	5
BaconOpt9_Shaft_C-18	Shafts	Bacon Shaft Alt 2a	Central	9B	2a	Batch Plant Demobilization	4/28/2033	5/4/2033	5	5
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Mobilize, Excavate, & Mobilize	1/5/2026	5/8/2028	611	5
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt9_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt9_Shaft_C-4	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Management, Engineering, & Field Labor - Reach 2	3/17/2027	3/9/2038	2,862	5
TwinCitiesOpt9_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Excavation, Grading, & Compaction - Reach 2	3/17/2027	4/24/2028	289	5
TwinCitiesOpt9_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOpt9_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt9_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Place Guide Walls Concrete for Reach 2	4/3/2028	4/26/2028	18	5
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt9_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Place Guide Walls Concrete for Reach 1	8/8/2028	8/28/2028	15	5
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/4/2029	93	5
TwinCitiesOpt9_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt9_Shaft_C-14	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Management, Engineering, & Field Labor - Reach 1	3/21/2029	11/4/2036	1,990	5
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Shaft Setup for Reach 1	3/21/2029	4/18/2029	21	5
TwinCitiesOpt9_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt9_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	8/2/2029	45	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TwinCitiesOpt9_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt9_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	8/2/2029	8/20/2029	14	5
TwinCitiesOpt9_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt9_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt9_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Erect Gantry Crane for Reaches 1 & 2	11/16/2029	12/10/2029	18	5
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Tunneling Operations including Equipment Delivery for Reach 2	3/28/2030	11/3/2037	2,380	6
TwinCitiesOpt9_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	TBM Assembly including Shaft Utilities for Reach 1	10/2/2030	1/1/2031	65	5
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Tunneling Operations including Equipment Delivery for Reach 1	7/17/2030	8/20/2036	1,907	6
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Remove TBM and Tunnel Equipment for Reach 1	8/20/2036	11/4/2036	55	5
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Remove TBM and Tunnel Equipment for Reach 2	11/4/2036	2/24/2038	342	5
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Central	9B	2a	Site Restoration	2/23/2038	8/30/2038	135	5
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Mobilize, Excavate, & Mobilize	1/5/2026	5/8/2028	611	5
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt10_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt10_Shaft_E-4	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Management, Engineering, & Field Labor - Reach 2	3/17/2027	3/9/2038	2,862	5
TwinCitiesOpt10_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Excavation, Grading, & Compaction - Reach 2	3/17/2027	4/24/2028	289	5
TwinCitiesOpt10_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOpt10_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt10_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete for Reach 2	4/3/2028	4/26/2028	18	5
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt10_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete for Reach 1	8/8/2028	8/28/2028	15	5
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/4/2029	93	5
TwinCitiesOpt10_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt10_Shaft_E-14	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Management, Engineering, & Field Labor - Reach 1	3/21/2029	11/4/2036	1,990	5
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Shaft Setup for Reach 1	3/21/2029	4/18/2029	21	5
TwinCitiesOpt10_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt10_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	8/2/2029	45	7
TwinCitiesOpt10_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt10_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	8/2/2029	8/20/2029	14	5
TwinCitiesOpt10_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt10_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt10_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Erect Gantry Crane for Reaches 1 & 2	11/16/2029	12/10/2029	18	5
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Tunneling Operations including Equipment Delivery for Reach 2	1/14/2030	11/3/2037	2,444	6
TwinCitiesOpt10_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	TBM Assembly including Shaft Utilities for Reach 1	10/2/2030	1/1/2031	65	5
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Tunneling Operations including Equipment Delivery for Reach 1	7/17/2030	8/20/2036	1,907	6
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Remove TBM and Tunnel Equipment for Reach 1	8/20/2036	11/4/2036	55	5
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Remove TBM and Tunnel Equipment for Reach 2	11/4/2036	2/24/2038	342	5
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Eastern	10B	4a	Site Restoration	2/23/2038	8/30/2038	135	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
CanalRanchOpt10_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Clear and Grub	10/19/2028	10/20/2028	2	2
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Ground Improvement	11/13/2028	12/29/2028	34	5
CanalRanchOpt10_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
CanalRanchOpt10_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/14/2029	12	5
CanalRanchOpt10_Shaft_E-5	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete	8/15/2029	8/16/2029	2	2
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
CanalRanchOpt10_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
CanalRanchOpt10_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft	11/8/2029	12/17/2029	40	7
CanalRanchOpt10_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/18/2029	12/31/2029	14	7
CanalRanchOpt10_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Dewater Shaft	1/1/2030	1/7/2030	7	7
CanalRanchOpt10_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
CanalRanchOpt10_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	19	5
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
CanalRanchOpt10_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4a	Eastern	10B	4a	Place Shaft Cover	4/29/2030	5/7/2030	7	5
BouldinOpt9_Shaft_C-1	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Mobilize	7/19/2028	9/12/2028	39	5
BouldinOpt9_Shaft_C-2	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Management, Engineering, & Field Labor	7/19/2028	10/3/2036	2,143	5
BouldinOpt9_Shaft_C-3	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Clear and Grub	9/13/2028	10/10/2028	19	5
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Ground Improvement, Grading, & Compaction at Shaft & Segment Storage Area	9/13/2028	10/9/2029	279	5
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
BouldinOpt9_Shaft_C-6	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
BouldinOpt9_Shaft_C-7	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	10/31/2029	12/18/2029	35	5
BouldinOpt9_Shaft_C-8	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
BouldinOpt9_Shaft_C-10	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Excavate Shaft	7/19/2030	10/16/2030	66	5
BouldinOpt9_Shaft_C-11	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
BouldinOpt9_Shaft_C-12	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Dewater Shaft	11/14/2030	11/20/2030	10	7
BouldinOpt9_Shaft_C-13	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	12/3/2030	10	5
BouldinOpt9_Shaft_C-14	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
BouldinOpt9_Shaft_C-15	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
BouldinOpt9_Shaft_C-16	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
BouldinOpt9_Shaft_C-17	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	TBM Assembly including Shaft Utilities	4/17/2031	12/5/2031	167	5
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Tunneling Operations including Equipment Delivery	4/17/2031	7/2/2036	1,649	6
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Remove TBM and Tunnel Equipment	7/21/2036	9/16/2036	42	5
BouldinOpt9_Shaft_C-20	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Remove Equipment from Site	9/2/2036	10/3/2036	24	5
BouldinOpt9_Shaft_C-21	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Final Access to RTM Storage Area	10/3/2036	10/8/2036	5	3
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	Central	9B	2a	Site Restoration	10/8/2036	4/2/2037	127	5
KingIslandOpt10_Shaft_E-1	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Clear and Grub	2/27/2030	3/19/2030	15	5
KingIslandOpt10_Shaft_E-3	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Raise Shaft Pad	5/15/2030	5/13/2031	263	5
KingIslandOpt10_Shaft_E-4	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/29/2031	12	5
KingIslandOpt10_Shaft_E-5	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete	5/30/2031	6/2/2031	4	4
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Excavate Slurry Wall & Place Concrete & Rebar	6/3/2031	7/10/2031	38	7
KingIslandOpt10_Shaft_E-7	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	7/11/2031	8/22/2031	43	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
KingIslandOpt10_Shaft_E-8	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft	8/25/2031	10/1/2031	38	7
KingIslandOpt10_Shaft_E-9	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/2/2031	10/15/2031	14	7
KingIslandOpt10_Shaft_E-10	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Dewater Shaft	10/16/2031	10/22/2031	7	7
KingIslandOpt10_Shaft_E-11	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Place TBM Cradle Rebar and Cradle Pour	10/23/2031	10/30/2031	6	5
KingIslandOpt10_Shaft_E-12	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Breakout Slurry Wall for TBM	10/31/2031	11/26/2031	19	5
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	10/31/2031	2/19/2032	70	5
KingIslandOpt10_Shaft_E-14	Shafts	King Island Shaft Alt 4a	Eastern	10B	4a	Place Shaft Cover	2/19/2032	2/27/2032	6	5
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Embankment	5/18/2027	6/4/2027	14	5
LowerRobertsOpt10_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Subdrain	6/7/2027	7/2/2027	20	5
LowerRobertsOpt10_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Mobilize	7/19/2028	9/12/2028	39	5
LowerRobertsOpt10_Shaft_E-4	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Management, Engineering, & Field Labor	7/19/2028	10/3/2036	2,136	5
LowerRobertsOpt10_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Clear and Grub	9/13/2028	10/10/2028	19	5
LowerRobertsOpt10_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Grading, & Compaction at Shaft & Segment Storage Area	10/3/2029	10/30/2029	20	5
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
LowerRobertsOpt10_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
LowerRobertsOpt10_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	12/5/2029	7/25/2030	161	5
LowerRobertsOpt10_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
LowerRobertsOpt10_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft	7/19/2030	10/16/2030	66	5
LowerRobertsOpt10_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
LowerRobertsOpt10_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Dewater Shaft	11/14/2030	11/20/2030	10	7
LowerRobertsOpt10_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	12/3/2030	9	5
LowerRobertsOpt10_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
LowerRobertsOpt10_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
LowerRobertsOpt10_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
LowerRobertsOpt10_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	TBM Assembly including Shaft Utilities	4/17/2031	12/3/2031	165	5
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Tunneling Operations including Equipment Delivery	4/17/2031	7/21/2036	1,615	6
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Remove TBM and Tunnel Equipment	7/31/2036	10/3/2036	46	5
LowerRobertsOpt10_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Final Access to RTM Storage Area	10/3/2036	10/8/2036	5	5
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	Eastern	10B	4a	Site Restoration	12/25/2036	4/8/2037	75	5
TerminousOpt10_Shaft_E-1	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Clear and Grub	5/14/2031	5/20/2031	5	5
TerminousOpt10_Shaft_E-3	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Raise Shaft Pad	11/12/2031	9/2/2032	211	5
TerminousOpt10_Shaft_E-4	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/3/2032	1	1
TerminousOpt10_Shaft_E-5	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete	9/21/2032	9/22/2032	2	2
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
TerminousOpt10_Shaft_E-8	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft	12/8/2032	1/27/2033	50	7
TerminousOpt10_Shaft_E-9	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	1/28/2033	2/10/2033	13	7
TerminousOpt10_Shaft_E-10	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Dewater Shaft	2/11/2033	2/17/2033	7	7
TerminousOpt10_Shaft_E-11	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
TerminousOpt10_Shaft_E-12	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
TerminousOpt10_Shaft_E-13	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/12/2033	35	5
TerminousOpt10_Shaft_E-14	Shafts	Terminous Shaft Alt 4a	Eastern	10B	4a	Place Shaft Cover	9/9/2033	9/17/2033	6	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
UpperJonesOpt10_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Clear and Grub	10/4/2030	10/25/2030	16	5
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Ground Improvement	11/15/2030	12/20/2030	26	5
UpperJonesOpt10_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Raise Shaft Pad	12/20/2030	12/19/2031	261	5
UpperJonesOpt10_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Excavate, Set Strips, & Place Guide Wall	12/22/2031	1/6/2032	12	5
UpperJonesOpt10_Shaft_E-5	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Place Guide Walls Concrete	1/6/2032	1/8/2032	3	5
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Excavate Slurry Wall & Place Concrete & Rebar	1/8/2032	2/17/2032	52	7
UpperJonesOpt10_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Slurry Wall including Strip Forms and Place Rebar & Top Beam	2/17/2032	3/26/2032	38	7
UpperJonesOpt10_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Excavate Shaft	3/31/2032	5/10/2032	41	7
UpperJonesOpt10_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Place Tremie Seal Rebar, Cooling Pipes, & Seal	5/10/2032	5/24/2032	15	7
UpperJonesOpt10_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Dewater Shaft	5/24/2032	5/31/2032	8	7
UpperJonesOpt10_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Place TBM Cradle Rebar and Cradle Pour	5/31/2032	6/8/2032	7	5
UpperJonesOpt10_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Breakout Slurry Wall for TBM	6/8/2032	7/5/2032	20	5
UpperJonesOpt10_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	6/8/2032	8/31/2032	61	5
UpperJonesOpt10_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4a	Eastern	10B	4a	Place Shaft Cover	8/31/2032	9/8/2032	7	5
BaconOpt7_Shaft_C-1	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Concrete Batch Plant	4/30/2031	5/20/2031	15	5
BaconOpt7_Shaft_C-2	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Clear and Grub	5/14/2031	5/20/2031	5	5
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Ground Improvement	6/2/2031	11/11/2031	117	5
BaconOpt7_Shaft_C-4	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Raise Shaft Pad	11/12/2031	9/2/2032	190	5
BaconOpt7_Shaft_C-5	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/20/2032	14	5
BaconOpt7_Shaft_C-6	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Place Guide Walls Concrete	9/21/2032	9/22/2032	1	1
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
BaconOpt7_Shaft_C-8	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
BaconOpt7_Shaft_C-9	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Excavate Shaft	12/15/2032	1/27/2033	47	7
BaconOpt7_Shaft_C-10	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	1/28/2033	2/10/2033	14	7
BaconOpt7_Shaft_C-11	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Dewater Shaft	2/11/2033	2/17/2033	7	7
BaconOpt7_Shaft_C-12	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
BaconOpt7_Shaft_C-13	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
BaconOpt7_Shaft_C-14	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/19/2033	40	5
BaconOpt7_Shaft_C-15	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Place Shaft Cover	11/7/2035	11/15/2035	7	5
BaconOpt7_Shaft_C-16	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Complete Shaft Maintenance	3/23/2034	4/21/2034	22	5
BaconOpt7_Shaft_C-17	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Batch Plant Operations	5/20/2031	4/11/2033	500	5
BaconOpt7_Shaft_C-18	Shafts	Bacon Shaft Alt 2c	Central	7B	2c	Batch Plant Demobilization	4/28/2033	5/4/2033	5	5
BouldinOpt7_Shaft_C-1	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Mobilize	7/19/2028	9/12/2028	39	5
BouldinOpt7_Shaft_C-2	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Management, Engineering, & Field Labor	7/19/2028	12/3/2035	1,925	5
BouldinOpt7_Shaft_C-3	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Clear and Grub	9/13/2028	10/10/2028	19	5
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Ground Improvement, Grading, & Compaction at Shaft & Segment Storage Area	9/13/2028	10/9/2029	279	5
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
BouldinOpt7_Shaft_C-6	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
BouldinOpt7_Shaft_C-7	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	10/31/2029	12/18/2029	35	5
BouldinOpt7_Shaft_C-8	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
BouldinOpt7_Shaft_C-10	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Excavate Shaft	7/19/2030	10/16/2030	66	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BouldinOpt7_Shaft_C-11	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
BouldinOpt7_Shaft_C-12	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Dewater Shaft	11/14/2030	11/20/2030	10	7
BouldinOpt7_Shaft_C-13	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	12/3/2030	10	5
BouldinOpt7_Shaft_C-14	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
BouldinOpt7_Shaft_C-15	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
BouldinOpt7_Shaft_C-16	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
BouldinOpt7_Shaft_C-17	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	TBM Assembly including Shaft Utilities	4/17/2031	12/3/2031	165	5
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Tunneling Operations including Equipment Delivery	4/17/2031	9/18/2035	1,385	6
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Remove TBM and Tunnel Equipment	9/18/2035	11/14/2035	42	5
BouldinOpt7_Shaft_C-20	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Remove Equipment from Site	10/31/2035	12/3/2035	24	5
BouldinOpt7_Shaft_C-21	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Final Access to RTM Storage Area	12/3/2035	12/6/2035	3	3
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	Central	7B	2c	Site Restoration	12/6/2035	6/20/2036	141	5
CanalRanchOpt8_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Clear and Grub	10/19/2028	10/20/2028	2	2
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Ground Improvement	11/13/2028	12/29/2028	34	5
CanalRanchOpt8_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
CanalRanchOpt8_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/14/2029	12	5
CanalRanchOpt8_Shaft_E-5	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete	8/15/2029	8/16/2029	2	2
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
CanalRanchOpt8_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
CanalRanchOpt8_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft	11/8/2029	12/17/2029	40	7
CanalRanchOpt8_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/18/2029	12/31/2029	14	7
CanalRanchOpt8_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Dewater Shaft	1/1/2030	1/7/2030	7	7
CanalRanchOpt8_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
CanalRanchOpt8_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	19	5
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
CanalRanchOpt8_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4c	Eastern	8B	4c	Place Shaft Cover	4/29/2030	5/7/2030	7	5
KingIslandOpt8_Shaft_E-1	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Clear and Grub	2/27/2030	3/19/2030	15	5
KingIslandOpt8_Shaft_E-3	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Raise Shaft Pad	5/15/2030	5/13/2031	263	5
KingIslandOpt8_Shaft_E-4	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/29/2031	12	5
KingIslandOpt8_Shaft_E-5	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete	5/30/2031	6/2/2031	4	4
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Excavate Slurry Wall & Place Concrete & Rebar	6/3/2031	7/10/2031	38	7
KingIslandOpt8_Shaft_E-7	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	7/11/2031	8/22/2031	43	7
KingIslandOpt8_Shaft_E-8	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft	8/25/2031	10/1/2031	38	7
KingIslandOpt8_Shaft_E-9	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/2/2031	10/15/2031	14	7
KingIslandOpt8_Shaft_E-10	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Dewater Shaft	10/16/2031	10/22/2031	7	7
KingIslandOpt8_Shaft_E-11	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Place TBM Cradle Rebar and Cradle Pour	10/23/2031	10/30/2031	6	5
KingIslandOpt8_Shaft_E-12	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Breakout Slurry Wall for TBM	10/31/2031	11/26/2031	19	5
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	10/31/2031	2/19/2032	70	5
KingIslandOpt8_Shaft_E-14	Shafts	King Island Shaft Alt 4c	Eastern	8B	4c	Place Shaft Cover	2/19/2032	2/27/2032	6	5
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Embankment	5/18/2027	6/4/2027	14	5
LowerRobertsOpt8_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Subdrain	6/7/2027	7/2/2027	20	5
LowerRobertsOpt8_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Mobilize	7/19/2028	9/12/2028	39	5
LowerRobertsOpt8_Shaft_E-4	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Management, Engineering, & Field Labor	7/19/2028	3/21/2036	1,972	5
LowerRobertsOpt8_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Clear and Grub	9/13/2028	10/10/2028	19	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
LowerRobertsOpt8_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Grading, & Compaction at Shaft & Segment Storage Area	10/3/2029	10/30/2029	20	5
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Ground Improvement, Grading, & Compaction at RTM Storage Area	10/10/2029	8/12/2030	220	5
LowerRobertsOpt8_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Raise Shaft Pad	3/14/2029	2/26/2030	250	5
LowerRobertsOpt8_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Excavate, Set Strips, & Concrete for Shaft & Segment Areas	12/5/2029	7/25/2030	161	5
LowerRobertsOpt8_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete	2/27/2030	3/22/2030	18	5
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Excavate Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam	3/25/2030	7/18/2030	85	5
LowerRobertsOpt8_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft	7/19/2030	10/16/2030	66	5
LowerRobertsOpt8_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/17/2030	11/13/2030	28	7
LowerRobertsOpt8_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Dewater Shaft	11/14/2030	11/20/2030	10	7
LowerRobertsOpt8_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Place TBM Cradle Rebar and Cradle Pour	11/21/2030	12/3/2030	9	5
LowerRobertsOpt8_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Breakout Slurry Wall for TBM	12/4/2030	12/31/2030	20	5
LowerRobertsOpt8_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/1/2031	3/25/2031	60	5
LowerRobertsOpt8_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Erect Gantry Crane	3/26/2031	4/16/2031	16	5
LowerRobertsOpt8_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	TBM Assembly including Shaft Utilities	4/17/2031	12/3/2031	165	5
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Tunneling Operations including Equipment Delivery	4/17/2031	1/7/2036	1,447	6
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Remove TBM and Tunnel Equipment	1/7/2036	3/21/2036	53	5
LowerRobertsOpt8_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Final Access to RTM Storage Area	3/21/2036	3/26/2036	5	5
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	Eastern	8B	4c	Site Restoration	3/26/2036	10/9/2036	142	5
MandIslandOpt7_Shaft_C-1	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Clear and Grub	2/27/2030	3/19/2030	15	5
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Ground Improvement	4/10/2030	5/14/2030	25	5
MandIslandOpt7_Shaft_C-3	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Raise Shaft Pad	5/15/2030	5/13/2031	261	5
MandIslandOpt7_Shaft_C-4	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Excavate, Set Strips, & Place Guide Wall	5/14/2031	5/30/2031	9	5
MandIslandOpt7_Shaft_C-5	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Place Guide Walls Concrete	6/2/2031	6/2/2031	1	1
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Excavate Slurry Wall & Place Concrete & Rebar	6/3/2031	8/18/2031	54	7
MandIslandOpt7_Shaft_C-7	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	8/19/2031	8/22/2031	5	7
MandIslandOpt7_Shaft_C-8	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Excavate Shaft	8/25/2031	10/1/2031	38	7
MandIslandOpt7_Shaft_C-9	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/2/2031	10/15/2031	14	7
MandIslandOpt7_Shaft_C-10	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Dewater Shaft	10/16/2031	10/22/2031	7	7
MandIslandOpt7_Shaft_C-11	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Place TBM Cradle Rebar and Cradle Pour	10/23/2031	10/30/2031	6	5
MandIslandOpt7_Shaft_C-12	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Breakout Slurry Wall for TBM	10/31/2031	11/26/2031	19	5
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	10/31/2031	2/19/2032	80	5
MandIslandOpt7_Shaft_C-14	Shafts	Mandeville Shaft Alt 2c	Central	7B	2c	Place Shaft Cover	2/19/2032	2/27/2032	7	5
NewHopeOpt7_Shaft_C-1	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Clear and Grub	4/4/2028	4/5/2028	2	5
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Ground Improvement	4/27/2028	6/14/2028	35	5
NewHopeOpt7_Shaft_C-3	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt7_Shaft_C-4	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt7_Shaft_C-5	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Place Guide Walls Concrete	11/7/2028	11/7/2028	1	1
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7
NewHopeOpt7_Shaft_C-7	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/29/2029	43	7
NewHopeOpt7_Shaft_C-8	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt7_Shaft_C-9	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt7_Shaft_C-10	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt7_Shaft_C-11	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
NewHopeOpt7_Shaft_C-12	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt7_Shaft_C-13	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	6/28/2029	56	5
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	Central	7B	2c	Place Shaft Cover	6/28/2029	8/7/2029	29	5
NewHopeOpt8_Shaft_E-1	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Clear and Grub	4/4/2028	4/5/2028	1	1
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Ground Improvement	4/6/2028	6/14/2028	50	5
NewHopeOpt8_Shaft_E-3	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Raise Shaft Pad	6/15/2028	10/18/2028	90	5
NewHopeOpt8_Shaft_E-4	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Excavate, Set Strips, & Place Guide Wall	10/19/2028	11/3/2028	12	5
NewHopeOpt8_Shaft_E-5	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete	11/6/2028	11/7/2028	1	1
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Excavate Slurry Wall & Place Concrete & Rebar	11/8/2028	12/15/2028	38	7
NewHopeOpt8_Shaft_E-7	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	12/18/2028	1/23/2029	37	7
NewHopeOpt8_Shaft_E-8	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft	1/30/2029	3/13/2029	43	7
NewHopeOpt8_Shaft_E-9	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	3/14/2029	3/27/2029	13	7
NewHopeOpt8_Shaft_E-10	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Dewater Shaft	3/28/2029	4/3/2029	7	7
NewHopeOpt8_Shaft_E-11	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Place TBM Cradle Rebar and Cradle Pour	4/4/2029	4/11/2029	6	5
NewHopeOpt8_Shaft_E-12	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Breakout Slurry Wall for TBM	4/12/2029	5/8/2029	19	5
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	4/12/2029	8/1/2029	80	5
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	Eastern	8B	4c	Place Shaft Cover	8/1/2029	8/7/2029	5	5
StatenIslandOpt7_Shaft_C-1	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Clear and Grub	10/19/2028	10/20/2028	2	2
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Ground Improvement	11/13/2028	12/29/2028	34	5
StatenIslandOpt7_Shaft_C-3	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Raise Shaft Pad	1/1/2029	7/27/2029	148	5
StatenIslandOpt7_Shaft_C-4	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Excavate, Set Strips, & Place Guide Wall	7/30/2029	8/14/2029	12	5
StatenIslandOpt7_Shaft_C-5	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Place Guide Walls Concrete	8/16/2029	8/16/2029	1	1
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Excavate Slurry Wall & Place Concrete & Rebar	8/17/2029	9/25/2029	40	7
StatenIslandOpt7_Shaft_C-7	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/26/2029	11/7/2029	43	7
StatenIslandOpt7_Shaft_C-8	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Excavate Shaft	11/8/2029	12/17/2029	40	7
StatenIslandOpt7_Shaft_C-9	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	12/18/2029	12/31/2029	14	7
StatenIslandOpt7_Shaft_C-10	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Dewater Shaft	1/1/2030	1/7/2030	7	7
StatenIslandOpt7_Shaft_C-11	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Place TBM Cradle Rebar and Cradle Pour	1/8/2030	1/15/2030	6	5
StatenIslandOpt7_Shaft_C-12	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Breakout Slurry Wall for TBM	1/16/2030	2/11/2030	20	5
StatenIslandOpt7_Shaft_C-13	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Ring Beam	1/8/2030	1/15/2030	6	5
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/16/2030	4/29/2030	75	5
StatenIslandOpt7_Shaft_C-15	Shafts	Staten Island Shaft Alt 2c	Central	7B	2c	Place Shaft Cover	4/29/2030	5/7/2030	7	5
TerminousOpt8_Shaft_E-1	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Clear and Grub	5/14/2031	5/20/2031	5	5
TerminousOpt8_Shaft_E-3	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Raise Shaft Pad	11/12/2031	9/2/2032	211	5
TerminousOpt8_Shaft_E-4	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Excavate, Set Strips, & Place Guide Wall	9/3/2032	9/3/2032	1	1
TerminousOpt8_Shaft_E-5	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete	9/21/2032	9/22/2032	2	2
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Excavate Slurry Wall & Place Concrete & Rebar	9/23/2032	11/1/2032	40	7
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	11/2/2032	12/14/2032	43	7
TerminousOpt8_Shaft_E-8	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft	12/15/2032	1/27/2033	43	7
TerminousOpt8_Shaft_E-9	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	1/28/2033	2/10/2033	13	7
TerminousOpt8_Shaft_E-10	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Dewater Shaft	2/11/2033	2/17/2033	7	7
TerminousOpt8_Shaft_E-11	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Place TBM Cradle Rebar and Cradle Pour	2/18/2033	2/25/2033	6	5
TerminousOpt8_Shaft_E-12	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Breakout Slurry Wall for TBM	2/28/2033	3/24/2033	19	5
TerminousOpt8_Shaft_E-13	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	3/25/2033	5/19/2033	40	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TerminousOpt8_Shaft_E-14	Shafts	Terminous Shaft Alt 4c	Eastern	8B	4c	Place Shaft Cover	5/26/2033	6/1/2033	6	5
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Mobilize, Excavate, & Mobilize	1/5/2026	5/8/2028	611	5
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt7_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt7_Shaft_C-4	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Management, Engineering, & Field Labor - Reach 2	3/17/2027	11/3/2036	2,513	5
TwinCitiesOpt7_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Excavation, Grading, & Compaction - Reach 2	3/17/2027	4/24/2028	289	5
TwinCitiesOpt7_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOpt7_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt7_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Place Guide Walls Concrete for Reach 2	4/3/2028	4/26/2028	18	5
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt7_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Place Guide Walls Concrete for Reach 1	8/8/2028	8/28/2028	15	5
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/4/2029	93	5
TwinCitiesOpt7_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt7_Shaft_C-14	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Management, Engineering, & Field Labor - Reach 1	3/21/2029	12/11/2034	1,495	5
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Shaft Setup for Reach 1	3/21/2029	4/18/2029	21	5
TwinCitiesOpt7_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt7_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	8/2/2029	45	7
TwinCitiesOpt7_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt7_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	8/2/2029	8/20/2029	14	5
TwinCitiesOpt7_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt7_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt7_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Erect Gantry Crane for Reaches 1 & 2	11/16/2029	12/10/2029	18	5
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Tunneling Operations including Equipment Delivery for Reach 2	3/28/2030	6/30/2036	1,958	6
TwinCitiesOpt7_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	TBM Assembly including Shaft Utilities for Reach 1	10/2/2030	1/31/2031	88	5
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Tunneling Operations including Equipment Delivery for Reach 1	7/17/2030	9/26/2034	1,095	6
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Remove TBM and Tunnel Equipment for Reach 1	9/26/2034	12/11/2034	55	5
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Remove TBM and Tunnel Equipment for Reach 2	8/29/2036	11/3/2036	49	5
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Central	7B	2c	Site Restoration	10/20/2036	4/24/2037	134	5
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Mobilize, Excavate, & Mobilize	1/5/2026	5/8/2028	611	5
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOpt8_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOpt8_Shaft_E-4	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Management, Engineering, & Field Labor - Reach 2	3/17/2027	4/21/2036	2,373	5
TwinCitiesOpt8_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Excavation, Grading, & Compaction - Reach 2	3/17/2027	4/24/2028	289	5
TwinCitiesOpt8_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOpt8_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOpt8_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete for Reach 2	4/3/2028	4/26/2028	18	5
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOpt8_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete for Reach 1	8/8/2028	8/28/2028	15	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/4/2029	93	5
TwinCitiesOpt8_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOpt8_Shaft_E-14	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Management, Engineering, & Field Labor - Reach 1	3/21/2029	12/11/2034	1,495	5
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Shaft Setup for Reach 1	3/21/2029	4/18/2029	21	5
TwinCitiesOpt8_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOpt8_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	8/2/2029	45	7
TwinCitiesOpt8_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7
TwinCitiesOpt8_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	8/2/2029	8/20/2029	14	5
TwinCitiesOpt8_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOpt8_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOpt8_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Erect Gantry Crane for Reaches 1 & 2	11/16/2029	12/10/2029	18	5
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Tunneling Operations including Equipment Delivery for Reach 2	3/28/2030	12/17/2035	1,790	6
TwinCitiesOpt8_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	TBM Assembly including Shaft Utilities for Reach 1	10/2/2030	1/31/2031	88	5
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Tunneling Operations including Equipment Delivery for Reach 1	7/17/2030	9/26/2034	1,095	6
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Remove TBM and Tunnel Equipment for Reach 1	9/26/2034	12/11/2034	55	5
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Remove TBM and Tunnel Equipment for Reach 2	2/15/2036	4/21/2036	48	5
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Eastern	8B	4c	Site Restoration	4/7/2036	10/10/2036	135	5
UpperJonesOpt8_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Clear and Grub	10/4/2030	10/25/2030	16	5
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Ground Improvement	11/15/2030	12/20/2030	26	5
UpperJonesOpt8_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Raise Shaft Pad	12/20/2030	12/19/2031	261	5
UpperJonesOpt8_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Excavate, Set Strips, & Place Guide Wall	12/19/2031	1/6/2032	15	5
UpperJonesOpt8_Shaft_E-5	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Place Guide Walls Concrete	1/6/2032	1/8/2032	3	5
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Excavate Slurry Wall & Place Concrete & Rebar	1/8/2032	2/17/2032	52	7
UpperJonesOpt8_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Slurry Wall including Strip Forms and Place Rebar & Top Beam	2/17/2032	3/26/2032	38	7
UpperJonesOpt8_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Excavate Shaft	3/31/2032	5/10/2032	41	7
UpperJonesOpt8_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Place Tremie Seal Rebar, Cooling Pipes, & Seal	5/10/2032	5/24/2032	15	7
UpperJonesOpt8_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Dewater Shaft	5/24/2032	5/31/2032	8	7
UpperJonesOpt8_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Place TBM Cradle Rebar and Cradle Pour	5/31/2032	6/8/2032	7	5
UpperJonesOpt8_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Breakout Slurry Wall for TBM	6/8/2032	7/5/2032	20	5
UpperJonesOpt8_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	6/8/2032	8/31/2032	61	5
UpperJonesOpt8_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4c	Eastern	8B	4c	Place Shaft Cover	8/31/2032	9/8/2032	7	5
Intake3_3kcfs-1	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Development of Initial Intake Box Culverts & Gantry Crane	1/1/2026	3/29/2026	64	5
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Initial Concrete Placement for Sedimentation Basin	1/1/2026	4/29/2033	1,677	4 to 5
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Initial Temporary Buildings	2/11/2030	12/13/2030	220	5
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Phase 1 Sitework	6/24/2030	6/11/2031	252	5
Intake3_3kcfs-5	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Use of Temporary Buildings	2/11/2030	11/27/2036	1,772	5
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Initial Roads and Move SR 160	5/2/2031	6/6/2031	26	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Phase 2 Sitework - Foundations	6/6/2031	2/15/2033	446	5
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Install Cofferdam	6/6/2031	12/22/2031	144	5
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Construct Reception Shaft	8/27/2031	5/24/2032	195	5
Intake3_3kcfs-10	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Place Tremie Seal in Reception Shaft	5/25/2032	5/27/2032	2	2
Intake3_3kcfs-11	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Dewater Reception Shaft	5/28/2032	6/3/2032	5	5
Intake3_3kcfs-12	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Assemble Reception Shaft	6/4/2032	9/2/2032	65	5
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Intake Structure within Cofferdam	12/31/2031	11/30/2033	500	5
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Intake Connections and Gates	1/22/2032	1/9/2034	513	5
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Piles and Concrete in Sedimentation Basin	5/17/2032	3/4/2033	210	5
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Move SR 160 to Final Location	12/28/2032	2/1/2033	26	5
Intake3_3kcfs-17	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Finish Box Culverts	2/15/2033	3/1/2033	9	5
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Basin Embankments, Gates, Buildings, and Substation	3/1/2033	3/29/2034	281	5
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Sedimentation Basin Mechanical and Electrical	4/29/2033	3/21/2034	234	5
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Install Fish Screen, Appurtenant Facilities, Log Boom, and Rip Rap	6/27/2033	7/20/2034	278	5
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Remove Cofferdam	2/24/2034	9/21/2034	129	5
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Finish Site Work, Sedimentation Basin Curtain, and Fencing	2/19/2035	7/22/2036	371	5
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Finish Sedimentation Basin	8/1/2036	10/2/2036	45	5
Intake3_3kcfs-24	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Finish Intake Exteriors	10/3/2036	11/27/2036	39	5
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 7B, 8B, 9B, 10B, B2	1, 3, 2a, 2c, 4a, 4c, 5	Site Restoration	11/28/2036	3/2/2037	69	5
Intake5_3kcfs-1	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Development of Initial Intake Box Culverts & Gantry Crane	1/1/2026	3/29/2026	64	5
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Initial Temporary Buildings	4/2/2029	3/3/2030	240	5
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Phase 1 Sitework	3/4/2030	2/20/2031	253	5
Intake5_3kcfs-4	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Operations of Temporary Buildings	3/4/2030	8/9/2035	1,418	5
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Phase 2 Sitework - Foundations	10/25/2029	7/27/2032	920	7
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Initial Roads and Move SR 160	10/3/2030	11/17/2030	33	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Install Cofferdam	11/17/2030	9/8/2031	211	5
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Construct Reception Shaft	2/27/2031	10/23/2031	164	5
Intake5_3kcfs-9	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Place Tremie Seal in Reception Shaft	10/26/2031	10/28/2031	3	5
Intake5_3kcfs-10	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Dewater Reception Shaft	10/29/2031	11/4/2031	5	2
Intake5_3kcfs-11	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Assemble Reception Shaft	11/5/2031	3/1/2032	84	5
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Intake Structure within Cofferdam	7/24/2031	12/9/2033	360	4
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Piles and Concrete in Sedimentation Basin	11/7/2031	10/20/2032	249	5
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Intake Connections and Gates	1/10/2032	12/7/2033	597	6
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Sedimentation Basin Mechanical and Electrical	10/6/2032	10/19/2033	270	5
Intake5_3kcfs-16	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Finish Box Culverts	10/27/2032	11/9/2032	9	5
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Install Fish Screen, Appurtenant Facilities, Log Boom, and Rip Rap	5/25/2033	9/15/2034	342	5
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Move SR 160 to Final Location	6/20/2033	8/12/2033	39	5
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Basin Embankments, Gates, Buildings, and Substation	8/12/2033	7/31/2034	253	5
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Remove Cofferdam - Phase 1	1/24/2034	5/29/2034	91	5
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Remove Cofferdam - Phase 2	11/1/2035	1/8/2036	51	5
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Finish Site Work, Sedimentation Basin Curtain, and Fencing	6/20/2034	4/27/2035	223	5
Intake5_3kcfs-23	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Finish Intake Exteriors	10/26/2034	8/9/2035	205	5
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Site Restoration	12/21/2034	3/23/2035	67	5
Intake5_3kcfs-25	Intakes	Intake 5 - 3,000 cfs	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 9B, 10B, B2	1, 3, 2a, 2b, 4a, 4b, 5	Finish Sedimentation Basin	3/1/2035	5/10/2035	51	5
Intake2_1.5kcfs-1	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Development of Initial Intake Box Culverts & Gantry Crane	1/26/2034	4/4/2034	50	5
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Initial Temporary Buildings	12/23/2030	8/25/2031	176	5
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Phase 1 Sitework	4/17/2031	2/4/2032	211	5
Intake2_1.5kcfs-4	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Operations of Temporary Buildings	4/17/2031	3/16/2035	1,012	5
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Phase 2 Sitework - Foundations	2/2/2032	6/21/2033	361	5
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Initial Roads and Move SR 160	1/5/2032	2/2/2032	21	5
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Install Cofferdam	2/2/2032	7/14/2032	117	5
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Construct Reception Shaft	9/27/2032	8/2/2033	216	5
Intake2_1.5kcfs-9	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Place Tremie Seal in Reception Shaft	8/5/2033	8/8/2033	3	3
Intake2_1.5kcfs-10	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Dewater Reception Shaft	8/10/2033	8/19/2033	7	7
Intake2_1.5kcfs-11	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Assemble Reception Shaft	8/19/2033	12/15/2033	84	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Intake Structure within Cofferdam	7/14/2032	1/26/2034	402	5
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Piles and Concrete in Sedimentation Basin	11/12/2032	8/31/2033	190	5
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Intake Connections and Gates	9/10/2032	3/8/2034	391	5
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Sedimentation Basin Mechanical and Electrical	8/31/2033	5/18/2034	186	5
Intake2_1.5kcfs-16	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Finish Box Culverts	6/22/2033	7/1/2033	7	5
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Install Fish Screen, Appurtenant Facilities, Log Boom, and Rip Rap	10/21/2033	9/22/2034	240	5
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Move SR 160 to Final Location	6/17/2033	8/1/2033	31	5
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Basin Embankments, Gates, Buildings, and Substation	8/1/2033	9/1/2034	284	5
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Remove Cofferdam - Phase 1	5/4/2034	7/5/2034	45	5
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Remove Cofferdam - Phase 2	5/23/2034	7/4/2034	31	5
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Finish Site Work, Sedimentation Basin Curtain, and Fencing	3/8/2034	12/12/2034	200	5
Intake2_1.5kcfs-23	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Finish Intake Exteriors	1/31/2035	3/16/2035	32	5
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Site Restoration	3/16/2035	5/30/2035	56	5
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	Central, Eastern	9B, 10B	2a, 4a	Finish Sedimentation Basin	12/12/2034	1/31/2035	37	5
Intake5_1.5kcfs-1	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Development of Initial Intake Box Culverts & Gantry Crane	1/1/2026	3/13/2026	51	5
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Initial Temporary Buildings	6/7/2029	12/26/2029	145	5
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Phase 1 Sitework	12/26/2029	10/30/2030	222	5
Intake5_1.5kcfs-4	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Operations of Temporary Buildings	12/26/2029	3/8/2034	1,096	5
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Phase 2 Sitework - Foundations	10/24/2030	4/2/2032	399	5
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Initial Roads and Move SR 160	9/26/2030	10/24/2030	21	5
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Install Cofferdam	10/24/2030	3/20/2031	106	5
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Construct Reception Shaft	2/28/2031	7/21/2031	105	5
Intake5_1.5kcfs-9	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Place Tremie Seal in Reception Shaft	7/26/2031	7/28/2031	3	3
Intake5_1.5kcfs-10	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Dewater Reception Shaft	7/29/2031	8/4/2031	7	7
Intake5_1.5kcfs-11	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Assemble Reception Shaft	8/11/2031	12/1/2031	80	5
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Intake Structure within Cofferdam	3/20/2032	3/29/2034	530	5
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Piles and Concrete in Sedimentation Basin	6/9/2032	3/9/2033	196	5
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Intake Connections and Gates	3/9/2033	11/2/2034	432	5
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Sedimentation Basin Mechanical and Electrical	3/9/2033	1/5/2034	215	5
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Finish Box Culverts	8/6/2031	8/8/2031	3	5
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Install Fish Screen, Appurtenant Facilities, Log Boom, and Rip Rap	9/9/2033	12/5/2033	63	5
Intake5_1.5kcfs-18	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Move SR 160 to Final Location	10/6/2033	11/17/2033	31	5
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Basin Embankments, Gates, Buildings, and Substation	11/18/2033	8/25/2034	200	5
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Remove Cofferdam - Phase 1	3/21/2034	7/13/2034	83	5
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Remove Cofferdam - Phase 2	11/1/2034	1/3/2035	46	5
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Finish Site Work, Sedimentation Basin Curtain, and Fencing	12/23/2035	5/1/2035	95	5
Intake5_1.5kcfs-23	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Finish Intake Exteriors	5/11/2035	6/27/2035	34	5
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Site Restoration	6/27/2035	9/9/2035	53	5
Intake5_1.5kcfs-25	Intakes	Intake 5 - 1,500 cfs	Central, Eastern	7B, 8B	2c, 4c	Finish Sedimentation Basin	3/16/2035	4/10/2035	40	5
Lambert_BatchPlantOpt12-1	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Roadway Excavation	10/7/2026	10/14/2026	6	5
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Embankment	10/15/2026	10/15/2026	1	1
Lambert_BatchPlantOpt12-3	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Culvert Pipe	10/16/2026	10/16/2026	1	1

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
Lambert_BatchPlantOpt12-4	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Subdrain System	10/19/2026	10/19/2026	1	1
Lambert_BatchPlantOpt12-5	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Road Base	10/20/2026	10/22/2026	3	3
Lambert_BatchPlantOpt12-6	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Asphalt Paving	10/23/2026	10/27/2026	5	5
Lambert_BatchPlantOpt12-7	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Erect Batch Plant	10/28/2026	12/22/2026	40	5
Lambert_BatchPlantOpt12-8	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Batch Plant Operations - Phase 1 - Concrete for Shafts	3/17/2027	3/14/2031	1,041	5
Lambert_BatchPlantOpt12-9	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Batch Plant Operations - Phase 2 - Concrete for Intake 5	4/2/2029	10/25/2034	1,452	5
Lambert_BatchPlantOpt12-10	Batch Plants	Lambert Road Batch Plant Alts 1-3	Central, Eastern, Bethany	1B, 2B, B2	1, 3, 5	Batch Plant Operations - Phase 3 - Concrete for Intake 3	2/11/2030	1/29/2035	1,294	5
Lambert_BatchPlantOpt56-1	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Roadway Excavation	10/7/2026	10/14/2026	6	5
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Embankment	10/15/2026	10/15/2026	1	1
Lambert_BatchPlantOpt56-3	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Culvert Pipe	10/16/2026	10/16/2026	1	1
Lambert_BatchPlantOpt56-4	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Subdrain System	10/19/2026	10/19/2026	1	1
Lambert_BatchPlantOpt56-5	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Road Base	10/20/2026	10/22/2026	3	3
Lambert_BatchPlantOpt56-6	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Asphalt Paving	10/23/2026	10/27/2026	5	5
Lambert_BatchPlantOpt56-7	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Erect Batch Plant	6/25/2026	7/20/2026	19	5
Lambert_BatchPlantOpt56-8	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Batch Plant Operations - Phase 1 - Concrete for Shafts	3/17/2027	3/14/2031	1,041	5
Lambert_BatchPlantOpt56-9	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Central, Eastern	5B, 6B	2b, 4b	Batch Plant Operations - Phase 2 - Concrete for Intake 5	4/2/2029	10/25/2034	1,372	5
Lambert_BatchPlantOpt78-1	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Roadway Excavation	10/7/2026	10/14/2026	6	5
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Embankment	10/15/2026	10/15/2026	1	1
Lambert_BatchPlantOpt78-3	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Culvert Pipe	10/16/2026	10/16/2026	1	1
Lambert_BatchPlantOpt78-4	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Subdrain System	10/19/2026	10/19/2026	1	1
Lambert_BatchPlantOpt78-5	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Road Base	10/20/2026	10/22/2026	3	3
Lambert_BatchPlantOpt78-6	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Asphalt Paving	10/23/2026	10/27/2026	5	5
Lambert_BatchPlantOpt78-7A	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Erect Batch Plant - Phase 1	10/28/2026	11/24/2026	19	5
Lambert_BatchPlantOpt78-7B	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Erect Batch Plant - Phase 2	5/6/2030	5/31/2030	19	5
Lambert_BatchPlantOpt78-8	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Batch Plant Operations - Phase 1 - Concrete for Shafts	3/17/2027	3/14/2031	1,041	5
Lambert_BatchPlantOpt78-9	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Batch Plant Operations - Phase 2 - Concrete for Intake 5	11/25/2026	8/11/2033	1,825	5
Lambert_BatchPlantOpt78-10	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Central, Eastern	7B, 8B	2c, 4c	Batch Plant Operations - Phase 3 - Concrete for Intake 3	6/29/2032	1/29/2035	676	5
Lambert_BatchPlantOpt910-1	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Roadway Excavation	10/7/2026	10/14/2026	6	5
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Embankment	10/15/2026	10/15/2026	1	1
Lambert_BatchPlantOpt910-3	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Culvert Pipe	10/16/2026	10/16/2026	1	1
Lambert_BatchPlantOpt910-4	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Subdrain System	10/19/2026	10/19/2026	1	1
Lambert_BatchPlantOpt910-5	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Road Base	10/20/2026	10/22/2026	3	3
Lambert_BatchPlantOpt910-6	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Asphalt Paving	10/23/2026	10/27/2026	5	5
Lambert_BatchPlantOpt910-7A	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Erect Batch Plant	10/28/2026	11/24/2026	19	5
Lambert_BatchPlantOpt910-7B	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Erect Batch Plant	5/6/2030	5/31/2030	19	5
Lambert_BatchPlantOpt910-7C	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Erect Batch Plant	2/27/2031	3/20/2031	18	5
Lambert_BatchPlantOpt910-8	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Batch Plant Operations - Phase 1 - Concrete for Shafts	3/17/2027	3/14/2031	1,041	5
Lambert_BatchPlantOpt910-9	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Batch Plant Operations - Phase 2 - Concrete for Intake 5	6/28/2029	7/17/2034	1,318	5
Lambert_BatchPlantOpt910-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Batch Plant Operations - Phase 3 - Concrete for Intake 3	6/29/2032	12/6/2035	897	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
Lambert_BatchPlantOpt910-11	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Central, Eastern	9B, 10B	2a, 4a	Batch Plant Operations - Phase 4 - Concrete for Intake 2	12/16/2032	5/29/2036	900	5
SComplexWByron-1	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Mobilization - Gravel Bedding, Formwork, Rebar, Concrete for Slabs	6/19/2030	8/22/2030	46	5
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Roads, Utilities, Construction Office, Shops, Other Structures	6/25/2030	10/11/2030	80	5
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Utility, Facility, and Plant Operations	10/14/2030	3/17/2037	1,675	5
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Tunnel Outlet Excavation & Cofferdam	5/8/2030	5/8/2031	261	5
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	South Delta Tunnel Outlet Structure Excavation, Sheet Piles, Forms	5/8/2030	5/6/2031	259	5
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - East: Slurry Wall and Guide Wall	5/7/2031	9/12/2031	93	5
SComplexWByron-7	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - East: Tremie Seal	9/8/2031	9/16/2031	9	7
SComplexWByron-8	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - East: Dewater Shaft	9/22/2031	9/26/2031	5	5
SComplexWByron-9	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - East: Tunnel Cradle	9/29/2031	10/6/2031	5	5
SComplexWByron-10	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - East: Slurry Wall Breakout	10/7/2031	10/31/2031	19	5
SComplexWByron-11	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - East: Assemble Shaft with Concrete	10/27/2031	1/6/2032	52	5
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - West: Slurry Wall and Guide Wall	7/10/2031	12/9/2031	111	5
SComplexWByron-13	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - West: Tremie Seal	2/6/2032	2/16/2032	10	7
SComplexWByron-14	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - West: Dewater Shaft	2/20/2032	2/26/2032	5	5
SComplexWByron-15	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - West: Tunnel Cradle	2/27/2032	3/5/2032	6	5
SComplexWByron-16	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - West: Slurry Wall Breakout	3/8/2032	4/1/2032	19	5
SComplexWByron-17	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Reception Shaft - West: Assemble Shaft with Concrete	4/2/2032	6/14/2032	54	5
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Calif Aqueduct Div Channel Excavation and Earthwork	5/8/2030	10/18/2032	640	5
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Calif Aqueduct Control Structure: Cofferdam	2/3/2031	1/22/2032	350	5
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Calif Aqueduct Control Structure: Construct Concrete Slabs and Frame Structure	1/8/2032	12/24/2032	250	5
SComplexWByron-21	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Calif Aqueduct Control Structure: Remove Cofferdam	1/25/2033	4/15/2033	59	5
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Calif Aqueduct Control Structure: Construct Walls	5/25/2032	9/27/2032	90	5
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Calif Aqueduct Control Structure: Weir and Bridge	9/28/2032	12/3/2032	49	5
SComplexWByron-24	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Calif Aqueduct Control Structure: Gates and Stoplogs	12/3/2032	4/21/2033	100	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexWByron-25	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	South Delta Tunnel Outlet: Excavation	4/24/2034	4/13/2035	253	5
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	South Delta Tunnel Outlet Structure: Construct Slabs and Walls	4/24/2035	7/30/2036	331	5
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	South Delta Tunnel Outlet Building: Construct Slabs and Walls	1/11/2036	1/6/2037	257	5
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	South Delta Tunnel Outlet Building: Gates and Stoplogs	4/2/2036	1/16/2037	208	5
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	South Delta Tunnel Outlet Building: Remove Cofferdam and Construct Fence	1/6/2037	3/17/2037	51	5
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B	1, 2b, 2c, 3, 4b, 4c	Southern Complex West of Byron Highway: Site Restoration	1/27/2037	5/4/2037	70	5
SComplexWByronOpt9-10-1	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Mobilization - Gravel Bedding, Formwork, Rebar, Concrete for Slabs	6/25/2030	8/22/2030	53	5
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Roads, Utilities, Construction Office, Shops, Other Structures	6/25/2030	10/22/2030	90	5
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Utility, Facility, and Plant Operations	5/8/2030	4/24/2037	1,815	5
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Tunnel Outlet Excavation & Cofferdam	5/8/2030	5/6/2031	259	5
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	South Delta Tunnel Outlet Structure Excavation, Sheet Piles, Forms	5/8/2030	4/29/2031	252	5
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - East: Slurry Wall and Guide Wall	5/7/2031	9/5/2031	88	5
SComplexWByronOpt9-10-7	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - East: Tremie Seal	9/8/2031	9/19/2031	12	7
SComplexWByronOpt9-10-8	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - East: Dewater Shaft	9/22/2031	9/26/2031	5	5
SComplexWByronOpt9-10-9	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - East: Tunnel Cradle	9/29/2031	10/6/2031	5	5
SComplexWByronOpt9-10-10	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - East: Slurry Wall Breakout	10/7/2031	10/31/2031	19	5
SComplexWByronOpt9-10-11	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - East: Assemble Shaft with Concrete	10/27/2031	1/6/2032	52	5
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - West: Slurry Wall and Guide Wall	7/10/2031	2/5/2032	151	5
SComplexWByronOpt9-10-13	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - West: Tremie Seal	2/6/2032	2/19/2032	13	7
SComplexWByronOpt9-10-14	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - West: Dewater Shaft	2/20/2032	2/26/2032	5	5
SComplexWByronOpt9-10-15	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - West: Tunnel Cradle	2/27/2032	3/5/2032	6	5
SComplexWByronOpt9-10-16	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - West: Slurry Wall Breakout	3/8/2032	4/1/2032	19	5
SComplexWByronOpt9-10-17	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Reception Shaft - West: Assemble Shaft with Concrete	4/2/2032	6/14/2032	54	5
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Calif Aqueduct Div Channel Excavation and Earthwork	5/8/2030	7/31/2031	322	5
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Calif Aqueduct Control Structure: Cofferdam	2/3/2031	1/1/2032	335	5
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Calif Aqueduct Control Structure: Construct Concrete Slabs and Frame Structure	1/8/2032	12/24/2032	250	5
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Calif Aqueduct Control Structure: Remove Cofferdam	1/25/2033	4/15/2033	59	5
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Calif Aqueduct Control Structure: Construct Walls	5/25/2032	9/27/2032	90	5
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Calif Aqueduct Control Structure: Weir and Bridge	9/28/2032	12/3/2032	49	5
SComplexWByronOpt9-10-24	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Calif Aqueduct Control Structure: Gates and Stoplogs	2/3/2033	4/21/2033	56	5
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	South Delta Tunnel Outlet: Excavation	6/1/2034	9/6/2035	331	5
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	South Delta Tunnel Outlet Structure: Construct Slabs and Walls	8/6/2035	8/18/2036	271	5
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	South Delta Tunnel Outlet Building: Construct Slabs and Walls	2/20/2036	1/30/2037	245	5
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	South Delta Tunnel Outlet Building: Gates and Stoplogs	5/12/2036	2/25/2037	208	5
SComplexWByronOpt9-10-29	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	South Delta Tunnel Outlet Building: Remove Cofferdam and Construct Fence	8/4/2036	3/31/2037	172	5
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Southern Complex West of Byron Highway: Site Restoration	3/12/2037	6/9/2037	66	5
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Mobilization - Gravel Bedding, Formwork, Rebar, Concrete	5/7/2031	1/25/2032	190	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Raise Shaft	7/1/2031	10/20/2031	80	5
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Slurry Wall and Guide Wall	7/2/2031	11/17/2031	99	5
SComplexWByronOpt9-10-34	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Excavate Shaft	10/2/2031	1/15/2032	76	5
SComplexWByronOpt9-10-35	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector Reception Shaft: Tremie Sale	1/16/2032	2/12/2032	28	7
SComplexWByronOpt9-10-36	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector Reception Shaft: Dewater Shaft	2/13/2032	2/19/2032	7	7
SComplexWByronOpt9-10-37	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector Reception Shaft: Tunnel Cradle	2/20/2032	5/11/2032	59	5
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: TBM Assembly including Shaft Utilities	4/19/2032	1/18/2033	193	5
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Tunneling Operations including Equipment Delivery	4/14/2032	6/29/2033	379	6
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Remove TBM and Tunnel Equipment	6/30/2033	12/25/2034	389	5
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Management, Engineering, & Field Labor	5/7/2031	12/25/2034	949	5
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Jones PP Connector: Site Restoration	1/27/2037	5/4/2037	70	5
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Central, Eastern	9B,10B	2a, 4a	Delta-Mendota Control Structure	3/23/2034	6/17/2036	854	7
SComplexByronOpt1-1	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	208	5
SComplexByronOpt1-2	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	324	5
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Rail Yard	5/25/2026	3/19/2027	214	5
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Byron Highway Interchange	5/25/2026	3/11/2027	208	5
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Initial Site Work	7/9/2027	8/6/2027	21	5
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Ground Improvement	7/23/2027	3/14/2028	169	5
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Construction Phase 1	3/31/2027	2/27/2029	500	5
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Contractor Operations	7/9/2027	7/30/2032	1,321	5
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Substation	12/21/2029	10/30/2030	225	5
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Structure Phase 1	3/17/2027	7/13/2027	85	5
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Structure Phase 2	12/21/2029	2/5/2031	296	5
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Structure Phase 3	11/1/2030	8/22/2033	731	5
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Wet Well	2/6/2031	6/16/2034	876	5
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Outlet Structure	5/18/2032	12/28/2034	683	5
SComplexByronOpt1-15A	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Dissipation Slab Phase 1A	10/27/2031	9/27/2032	241	5
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Dissipation Slab Phase 1B	8/22/2034	1/15/2036	366	5
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Electrical Building	8/22/2034	4/5/2035	163	5
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Generator Building	4/5/2035	5/21/2035	34	5
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant HVAC	4/26/2035	6/7/2035	31	5
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Finish Site Work	4/5/2035	8/11/2036	354	5
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Finish Work Phase 1	3/10/2033	1/28/2036	754	5
SComplexByronOpt1-21	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Finish Work Phase 2	10/13/2031	7/9/2035	984	5
SComplexByronOpt1-22	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Pumping Plant Pumping Equipment	12/12/2035	11/19/2036	246	5
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Site Preparation	3/1/2028	12/7/2028	202	5
SComplexByronOpt1-24	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Clear and Grub	4/26/2028	1/4/2029	181	5
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Foundations	4/26/2028	12/7/2029	445	5
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Embankments	4/26/2030	7/6/2035	1,355	5
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Soil Materials Handling	6/7/2028	2/20/2035	1,748	5
SComplexByronOpt1-28	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Temporary Facilities During Construction	3/1/2028	7/23/2036	2,191	5
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Emnbankment Finish Work	7/6/2035	7/23/2036	275	5
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Spillway	7/27/2034	4/12/2035	185	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Outlet Structure	1/27/2034	7/23/2036	646	5
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Southern Forebay Inlet Structure	4/12/2035	10/19/2035	137	5
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	11/21/2029	11/14/2030	263	5
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	11/21/2029	11/5/2032	771	5
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	4/18/2031	8/19/2031	90	5
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	8/20/2031	9/24/2032	343	6
SComplexByronOpt1-37	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	9/27/2032	11/15/2032	36	5
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	7/31/2030	4/6/2034	952	5
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2031	12/20/2032	277	5
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	12/21/2032	4/21/2034	418	6
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	3/3/2034	4/21/2034	38	5
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	10/12/2029	5/29/2036	1,729	5
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Raise Tunnel Shaft at Northern portion of Southern Forebay	7/26/2030	6/25/2031	240	5
SComplexByronOpt1-44	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Finalize Tunnel Shaft at Northern portion of Southern Forebay	6/25/2031	10/31/2031	93	5
SComplexByronOpt1-45	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	12/7/2029	7/26/2030	166	5
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	3/8/2030	11/18/2031	446	5
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	11/18/2031	2/9/2032	60	5
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Construct Tunnel from Southern Forebay to Reception Shaft	10/31/2031	2/21/2036	1,349	6
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Finish Work for Tunnel from Southern Forebay to Reception Shaft	2/21/2036	4/11/2036	35	5
SComplexByronOpt1-50	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Erect Batch Plant #1	3/5/2027	4/30/2027	41	5
SComplexByronOpt1-51	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Erect Batch Plant #2	8/23/2034	10/20/2034	43	5
SComplexByronOpt1-52	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Operate Concrete Batch Plant	4/30/2027	3/17/2037	2,576	5
SComplexByronOpt1-53	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Intermediate Access Road Overlays	4/22/2030	5/6/2030	11	5
SComplexByronOpt1-54	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Final Access Road Overlays	7/6/2037	7/21/2037	12	5
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	Central	1B	1	Site Restoration	2/7/2036	1/7/2037	240	5
SComplexByronOpt2-1	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	208	5
SComplexByronOpt2-2	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	324	5
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Rail Yard	3/30/2026	3/19/2027	252	5
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Byron Highway Interchange	4/27/2026	3/11/2027	228	5
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Initial Site Work	7/9/2027	8/6/2027	21	5
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Ground Improvement	7/23/2027	3/14/2028	169	5
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Construction Phase 1	3/31/2027	2/27/2029	500	5
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Contractor Operations	7/9/2027	7/30/2032	1,321	5
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Substation	12/21/2029	10/30/2030	225	5
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Structure Phase 1	3/17/2027	7/13/2027	85	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Structure Phase 2	12/21/2029	2/5/2031	296	5
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Structure Phase 3	11/1/2030	8/22/2033	731	5
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Wet Well	2/6/2031	6/16/2034	876	5
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Outlet Structure	5/18/2032	11/17/2034	671	5
SComplexByronOpt2-15A	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Dissipation Slab Phase 1A	10/27/2031	9/27/2032	241	5
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Dissipation Slab Phase 1B	8/22/2034	1/15/2036	366	5
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Electrical Building	8/22/2034	4/5/2035	163	5
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Generator Building	4/5/2035	5/21/2035	34	5
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant HVAC	4/26/2035	6/7/2035	31	5
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Finish Site Work	4/5/2035	8/11/2036	354	5
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Finish Work Phase 1	3/10/2033	1/28/2036	754	5
SComplexByronOpt2-21	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Finish Work Phase 2	10/13/2031	7/9/2035	984	5
SComplexByronOpt2-22	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Pumping Plant Pumping Equipment	12/12/2035	11/19/2036	246	5
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Site Preparation	4/26/2028	12/7/2028	185	5
SComplexByronOpt2-24	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Clear and Grub	4/26/2028	1/4/2029	181	5
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Foundations	6/7/2028	12/7/2029	391	5
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Embankments	4/26/2030	7/6/2035	1,355	5
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Soil Materials Handling	6/7/2028	2/20/2035	1,748	5
SComplexByronOpt2-28	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Temporary Facilities During Construction	3/1/2028	5/13/2036	2,176	5
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Emnbankment Finish Work	7/6/2035	2/7/2036	275	5
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Spillway	7/27/2034	4/12/2035	185	5
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Outlet Structure	1/27/2034	1/28/2036	522	5
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Southern Forebay Inlet Structure	4/12/2035	10/19/2035	137	5
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	11/21/2029	11/14/2030	263	5
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	11/21/2029	11/5/2032	771	5
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	4/18/2031	8/19/2031	90	5
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	8/20/2031	9/24/2032	343	6
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	9/27/2032	11/15/2032	36	5
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	7/31/2030	4/6/2034	952	5
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2031	12/20/2032	277	5
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	12/21/2032	4/21/2034	418	6
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	3/3/2034	4/21/2034	38	5
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	10/12/2029	11/8/2038	2,367	5
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Raise Tunnel Shaft at Northern portion of Southern Forebay	7/26/2030	6/25/2031	240	5
SComplexByronOpt2-44	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Finalize Tunnel Shaft at Northern portion of Southern Forebay	6/25/2031	10/31/2031	93	5
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	12/7/2029	7/26/2030	166	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	3/8/2030	11/18/2031	446	5
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	11/18/2031	2/9/2032	60	5
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Construct Tunnel from Southern Forebay to Reception Shaft	10/31/2031	8/2/2038	2,113	6
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Finish Work for Tunnel from Southern Forebay to Reception Shaft	8/2/2038	11/8/2038	71	5
SComplexByronOpt2-50	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Erect Batch Plant #1	3/5/2027	4/30/2027	41	5
SComplexByronOpt2-51	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Erect Batch Plant #2	8/23/2034	10/20/2034	43	5
SComplexByronOpt2-52	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Operate Concrete Batch Plant	4/30/2027	3/17/2037	2,576	5
SComplexByronOpt2-53	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Intermediate Access Road Overlays	4/8/2030	4/22/2030	11	5
SComplexByronOpt2-54	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Final Access Road Overlays	1/3/2039	1/18/2039	12	5
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	Eastern	2B	3	Site Restoration	2/7/2036	1/7/2037	240	5
SComplexByronOpt5-1	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	208	5
SComplexByronOpt5-2	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	324	5
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Rail Yard	3/30/2026	3/19/2027	253	5
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Byron Highway Interchange	4/27/2026	3/11/2027	318	5
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Initial Site Work	7/9/2027	8/6/2027	21	5
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Ground Improvement	7/23/2027	3/14/2028	169	5
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Construction Phase 1	3/31/2027	2/27/2029	500	5
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Contractor Operations	7/9/2027	7/30/2032	1,321	5
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Substation	6/26/2029	4/3/2030	201	5
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Structure Phase 1	3/17/2027	7/13/2027	85	5
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Structure Phase 2	6/26/2029	8/9/2030	293	5
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Structure Phase 3	5/8/2030	2/11/2033	721	5
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Wet Well	8/12/2030	8/24/2033	792	5
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Outlet Structure	10/7/2031	3/30/2034	908	5
SComplexByronOpt5-15A	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Dissipation Slab Phase 1A	5/5/2031	5/7/2032	263	5
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Dissipation Slab Phase 1B	1/2/2034	5/15/2034	142	5
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Electrical Building	1/2/2034	7/25/2034	147	5
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Generator Building	7/25/2034	9/5/2034	31	5
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant HVAC	8/14/2034	9/20/2034	28	5
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Finish Site Work	7/25/2034	10/16/2035	317	5
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Finish Work Phase 1	9/10/2032	4/17/2035	679	5
SComplexByronOpt5-21	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Finish Work Phase 2	4/18/2031	8/29/2034	878	5
SComplexByronOpt5-22	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Pumping Plant Pumping Equipment	3/8/2035	3/18/2036	269	5
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Site Preparation	5/26/2027	3/2/2028	222	5
SComplexByronOpt5-24	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Clear and Grub	7/23/2027	4/4/2028	183	5
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Foundations	12/10/2027	6/12/2029	393	5
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Embankments	10/30/2029	1/9/2035	1,356	5
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Soil Materials Handling	12/10/2027	8/25/2034	1,750	5
SComplexByronOpt5-28	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Temporary Facilities During Construction	5/6/2027	1/25/2036	2,276	5
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Emnbankment Finish Work	1/9/2035	9/26/2035	187	5
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Spillway	1/3/2034	9/19/2034	186	5
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Outlet Structure	8/2/2033	1/25/2036	676	5
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Southern Forebay Inlet Structure	9/19/2034	1/31/2035	97	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	3/21/2029	3/14/2030	255	5
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	3/21/2029	1/30/2032	747	5
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	8/16/2030	12/17/2030	90	5
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	12/18/2030	12/19/2031	313	6
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	12/19/2031	2/9/2032	38	5
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2029	5/26/2031	391	5
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	3/28/2031	12/30/2032	460	5
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	3/15/2032	4/21/2033	345	6
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	4/21/2033	6/10/2033	37	5
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	4/17/2029	4/16/2035	1,566	5
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Raise Tunnel Shaft at Northern portion of Southern Forebay	1/29/2030	12/27/2030	239	5
SComplexByronOpt5-44	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Finalize Tunnel Shaft at Northern portion of Southern Forebay	12/27/2030	5/16/2031	101	5
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	6/12/2029	1/29/2030	166	5
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	9/11/2029	5/22/2031	442	5
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	3/20/2031	8/13/2031	106	5
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Construct Tunnel from Southern Forebay to Reception Shaft	5/6/2031	1/8/2035	1,342	7
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Finish Work for Tunnel from Southern Forebay to Reception Shaft	1/8/2035	4/16/2035	70	5
SComplexByronOpt5-50	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Erect Batch Plant #1	3/5/2027	4/30/2027	40	5
SComplexByronOpt5-51	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Erect Batch Plant #2	5/8/2029	7/2/2029	85	5
SComplexByronOpt5-52	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Operate Concrete Batch Plant	4/30/2027	10/12/2035	2,205	5
SComplexByronOpt5-53	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Intermediate Access Road Overlays	6/20/2036	7/7/2036	12	5
SComplexByronOpt5-54	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Final Access Road Overlays	4/22/2030	5/6/2030	11	5
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	Central	5B	2b	Site Restoration	7/17/2035	7/11/2036	255	5
SComplexByronOpt6-1	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	208	5
SComplexByronOpt6-2	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	324	5
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Rail Yard	3/30/2026	3/19/2027	253	5
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Byron Highway Interchange	4/27/2026	3/11/2027	318	5
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Initial Site Work	6/28/2027	7/22/2027	22	5
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Ground Improvement	7/9/2027	2/7/2028	154	5
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Construction Phase 1	3/31/2027	12/18/2029	710	5
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Contractor Operations	6/8/2027	1/15/2032	1,201	5
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Substation	6/11/2029	4/3/2030	201	5
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Structure Phase 1	3/17/2027	7/2/2027	72	5
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Structure Phase 2	6/11/2029	6/27/2030	277	5
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Structure Phase 3	4/3/2030	2/21/2033	712	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Wet Well	6/28/2030	7/12/2033	794	5
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Outlet Structure	8/25/2031	2/20/2034	649	5
SComplexByronOpt6-15A	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Dissipation Slab Phase 1A	5/9/2031	5/13/2032	264	5
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Dissipation Slab Phase 1B	12/1/2033	3/15/2035	335	5
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Electrical Building	12/1/2033	6/23/2034	147	5
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Generator Building	6/23/2034	8/7/2034	33	5
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant HVAC	7/13/2034	8/21/2034	29	5
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Finish Site Work	6/22/2034	9/17/2035	325	5
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Finish Work Phase 1	8/11/2032	3/19/2035	680	5
SComplexByronOpt6-21	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Finish Work Phase 2	4/24/2031	9/5/2034	880	5
SComplexByronOpt6-22	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Pumping Plant Pumping Equipment	2/6/2035	2/15/2036	269	5
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Site Preparation	7/21/2027	3/2/2028	160	5
SComplexByronOpt6-24	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Clear and Grub	7/21/2027	3/30/2028	180	5
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Foundations	11/25/2027	5/29/2029	393	5
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Embankments	10/16/2029	12/26/2034	1,355	5
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Soil Materials Handling	11/25/2027	8/10/2034	1,750	5
SComplexByronOpt6-28	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Temporary Facilities During Construction	5/6/2027	8/7/2035	2,154	5
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Emnbankment Finish Work	12/26/2034	1/11/2036	535	5
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Spillway	12/19/2033	9/5/2034	186	5
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Outlet Structure	7/19/2033	7/3/2035	251	3
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Southern Forebay Inlet Structure	9/5/2034	3/14/2035	138	5
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	3/21/2029	3/14/2030	255	5
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	3/21/2029	1/30/2032	747	5
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	8/16/2030	12/17/2030	90	5
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	12/18/2030	12/19/2031	313	6
SComplexByronOpt6-37	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	12/19/2031	2/9/2032	38	5
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2029	5/26/2031	391	5
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	3/28/2031	12/30/2032	460	5
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	3/15/2032	4/21/2033	345	6
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	4/21/2033	6/10/2033	37	5
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	4/3/2029	4/20/2037	2,099	5
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Raise Tunnel Shaft at Northern portion of Southern Forebay	1/15/2030	12/13/2030	238	5
SComplexByronOpt6-44	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Finalize Tunnel Shaft at Northern portion of Southern Forebay	12/24/2030	4/22/2031	85	5
SComplexByronOpt6-45	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	5/29/2029	1/15/2030	165	5
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	8/28/2029	5/8/2031	442	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	5/8/2031	7/14/2031	50	5
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Construct Tunnel from Southern Forebay to Reception Shaft	4/22/2031	1/12/2037	1,792	6
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Finish Work for Tunnel from Southern Forebay to Reception Shaft	1/12/2037	4/20/2037	71	5
SComplexByronOpt6-50	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Erect Batch Plant #1	3/5/2027	4/30/2027	40	5
SComplexByronOpt6-51	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Erect Batch Plant #2	5/8/2029	7/2/2029	85	5
SComplexByronOpt6-52	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Operate Concrete Batch Plant	4/30/2027	10/12/2035	2,205	5
SComplexByronOpt6-53	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Intermediate Access Road Overlays	6/15/2037	6/30/2037	12	5
SComplexByronOpt6-54	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Final Access Road Overlays	4/8/2030	4/22/2030	10	5
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	Eastern	6B	4b	Site Restoration	7/3/2035	6/27/2036	257	5
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	207	5
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	323	5
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Rail Yard	3/30/2026	3/19/2027	253	5
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Byron Highway Interchange	4/27/2026	3/11/2027	227	5
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Initial Site Work	7/21/2027	8/20/2027	21	5
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Ground Improvement	8/5/2027	4/18/2028	184	5
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Construction Phase 1	4/1/2027	3/30/2028	260	5
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Contractor Operations	7/21/2027	2/11/2033	1,451	5
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Substation	12/24/2029	12/2/2030	245	5
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Structure Phase 1	3/17/2027	7/22/2027	91	5
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Structure Phase 2	12/24/2029	3/10/2031	315	5
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Structure Phase 3	11/21/2030	12/13/2033	799	5
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Wet Well	3/6/2031	11/14/2034	964	5
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Outlet Structure	8/2/2032	4/17/2035	706	5
SComplexByronOpt9-15A	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Dissipation Slab Phase 1A	12/18/2031	12/22/2032	264	5
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Dissipation Slab Phase 1B	1/10/2035	7/23/2036	400	5
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Electrical Building	1/10/2035	9/17/2035	179	5
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Generator Building	9/17/2035	11/8/2035	37	5
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant HVAC	10/11/2035	11/27/2035	34	5
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Finish Site Work	9/17/2035	3/6/2037	383	5
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Finish Work Phase 1	6/8/2033	8/8/2036	826	5
SComplexByronOpt9-21	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Finish Work Phase 2	12/3/2031	1/14/2036	1,074	5
SComplexByronOpt9-22	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Pumping Plant Pumping Equipment	6/19/2036	7/1/2037	269	5
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Site Preparation	3/1/2028	12/7/2028	201	5
SComplexByronOpt9-24	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Clear and Grub	4/26/2028	1/4/2029	181	5
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Foundations	4/26/2028	12/7/2029	445	5
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Embankments	4/26/2030	7/6/2035	1,355	5
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Soil Materials Handling	6/7/2028	2/20/2035	1,749	5
SComplexByronOpt9-28	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Temporary Facilities During Construction	3/1/2028	7/23/2036	2,190	5
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Emnbankment Finish Work	7/6/2035	7/23/2036	274	5
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Spillway	9/5/2034	5/23/2035	186	5
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Outlet Structure	1/27/2034	3/19/2036	559	5
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Southern Forebay Inlet Structure	5/23/2035	11/29/2035	136	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	11/21/2029	11/14/2030	256	5
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	11/21/2029	4/17/2031	366	5
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	4/18/2031	8/19/2031	88	5
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	8/20/2031	10/15/2032	362	6
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	10/15/2032	11/26/2032	30	5
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	7/31/2030	5/17/2034	990	5
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2031	1/10/2033	292	5
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	1/10/2033	4/12/2034	392	6
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	4/12/2034	6/1/2034	36	5
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	10/12/2029	10/3/2036	1,820	5
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Raise Tunnel Shaft at Northern portion of Southern Forebay	7/26/2030	6/25/2031	239	5
SComplexByronOpt9-44	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Finalize Tunnel Shaft at Northern portion of Southern Forebay	6/25/2031	10/31/2031	91	5
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	12/7/2029	7/26/2030	165	5
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	3/8/2030	11/18/2031	443	5
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	11/18/2031	2/9/2032	59	5
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Construct Tunnel from Southern Forebay to Reception Shaft	10/31/2031	6/27/2036	1,458	6
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Finish Work for Tunnel from Southern Forebay to Reception Shaft	6/27/2036	10/3/2036	70	5
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Erect Batch Plant #1	3/5/2027	4/30/2027	40	5
SComplexByronOpt9-51	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Erect Batch Plant #2	6/25/2030	8/19/2030	39	5
SComplexByronOpt9-52	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Operate Concrete Batch Plant	4/30/2027	7/23/2036	2,409	5
SComplexByronOpt9-53	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Intermediate Access Road Overlays	6/3/2038	6/18/2038	11	5
SComplexByronOpt9-54	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Final Access Road Overlays	4/22/2030	5/6/2030	10	5
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	Central	9B	2a	Site Restoration	3/19/2036	1/7/2037	210	5
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	207	5
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	323	5
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Rail Yard	3/30/2026	3/19/2027	253	5
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Byron Highway Interchange	4/27/2026	3/11/2027	227	5
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Initial Site Work	7/21/2027	8/20/2027	21	5
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Ground Improvement	8/5/2027	4/18/2028	184	5
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Construction Phase 1	3/26/2027	3/30/2028	264	5
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Contractor Operations	7/21/2027	8/11/2032	1,320	5
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Substation	12/24/2029	12/2/2030	245	5
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Structure Phase 1	3/17/2027	7/22/2027	91	5
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Structure Phase 2	12/24/2029	3/4/2031	311	5
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Structure Phase 3	11/21/2030	12/13/2033	799	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Wet Well	3/6/2031	11/14/2034	964	5
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Outlet Structure	8/2/2032	4/17/2035	706	5
SComplexByronOpt10-15A	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Dissipation Slab Phase 1A	12/18/2031	12/22/2032	264	5
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Dissipation Slab Phase 1B	1/10/2035	7/23/2036	400	5
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Electrical Building	1/10/2035	9/17/2035	179	5
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Generator Building	9/17/2035	11/8/2035	37	5
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant HVAC	10/11/2035	11/27/2035	34	5
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Finish Site Work	9/17/2035	3/6/2037	383	5
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Finish Work Phase 1	6/8/2033	8/8/2036	826	5
SComplexByronOpt10-21	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Finish Work Phase 2	12/3/2031	1/14/2036	1,074	5
SComplexByronOpt10-22	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Pumping Plant Pumping Equipment	6/19/2036	7/1/2037	269	5
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Site Preparation	4/26/2028	12/7/2028	161	5
SComplexByronOpt10-24	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Clear and Grub	4/26/2028	1/4/2029	181	5
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Foundations	4/26/2028	12/7/2029	445	5
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Embankments	4/26/2030	7/6/2035	1,355	5
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Soil Materials Handling	6/7/2028	2/20/2035	1,749	5
SComplexByronOpt10-28	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Temporary Facilities During Construction	3/1/2028	5/13/2036	2,139	5
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Emnbankment Finish Work	7/6/2035	7/23/2036	274	5
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Spillway	9/5/2034	5/23/2035	186	5
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Outlet Structure	1/27/2034	3/18/2036	558	5
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Southern Forebay Inlet Structure	5/23/2035	11/28/2035	135	5
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	11/21/2029	11/14/2030	256	5
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	11/21/2029	4/17/2031	366	5
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	4/18/2031	8/19/2031	88	5
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	8/20/2031	10/14/2032	361	6
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	10/15/2032	11/25/2032	29	5
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	7/31/2030	5/16/2034	989	5
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2031	1/7/2033	290	5
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	1/10/2033	4/11/2034	391	6
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	4/12/2034	5/31/2034	35	5
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	10/12/2029	9/29/2039	2,599	5
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Raise Tunnel Shaft at Northern portion of Southern Forebay	7/26/2030	6/25/2031	239	5
SComplexByronOpt10-44	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Finalize Tunnel Shaft at Northern portion of Southern Forebay	6/25/2031	10/31/2031	91	5
SComplexByronOpt10-45	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	12/7/2029	7/26/2030	165	5
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	3/8/2030	11/18/2031	443	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	11/18/2031	2/9/2032	59	5
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Construct Tunnel from Southern Forebay to Reception Shaft	10/31/2031	6/23/2039	2,393	6
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Finish Work for Tunnel from Southern Forebay to Reception Shaft	6/23/2039	9/29/2039	70	5
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Erect Batch Plant #1	6/16/2027	8/11/2027	40	5
SComplexByronOpt10-51	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Erect Batch Plant #2	6/25/2030	8/19/2030	39	5
SComplexByronOpt10-52	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Operate Concrete Batch Plant	4/30/2027	4/24/2037	2,602	5
SComplexByronOpt10-53	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Intermediate Access Road Overlays	11/24/2039	12/9/2039	11	5
SComplexByronOpt10-54	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Final Access Road Overlays	11/3/2026	11/17/2026	10	5
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	Eastern	10B	4a	Site Restoration	3/18/2036	1/7/2037	211	5
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	207	5
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	323	5
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Rail Yard	3/30/2026	3/19/2027	253	5
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Byron Highway Interchange	4/27/2026	3/11/2027	227	5
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Initial Site Work	7/2/2027	7/9/2027	5	5
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Ground Improvement	7/16/2027	2/24/2028	159	5
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Construction Phase 1	3/30/2027	3/30/2028	261	5
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Contractor Operations	7/2/2027	4/22/2032	1,254	5
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Substation	12/21/2029	10/14/2030	212	5
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Structure Phase 1	3/17/2027	7/8/2027	81	5
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Structure Phase 2	12/21/2029	1/21/2031	283	5
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Structure Phase 3	10/23/2030	6/17/2033	691	5
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Wet Well	1/23/2031	4/5/2034	834	5
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Outlet Structure	4/12/2032	9/1/2034	623	5
SComplexByronOpt7-15A	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Dissipation Slab Phase 1A	9/29/2031	8/12/2032	227	5
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Dissipation Slab Phase 1B	6/9/2034	10/15/2035	352	5
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Electrical Building	6/9/2034	1/11/2035	154	5
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Generator Building	1/11/2035	2/26/2035	33	5
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant HVAC	2/1/2035	3/14/2035	29	5
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Finish Site Work	1/11/2035	4/25/2036	336	5
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Finish Work Phase 1	1/21/2033	10/19/2035	715	5
SComplexByronOpt7-21	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Finish Work Phase 2	9/15/2031	4/3/2035	926	5
SComplexByronOpt7-22	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Pumping Plant Pumping Equipment	9/7/2035	7/29/2036	233	5
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Site Preparation	3/1/2028	12/7/2028	201	5
SComplexByronOpt7-24	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Clear and Grub	4/26/2028	1/4/2029	181	5
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Foundations	4/26/2028	12/7/2029	445	5
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Embankments	4/26/2030	7/6/2035	1,355	5
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Soil Materials Handling	6/7/2028	2/20/2035	1,749	5
SComplexByronOpt7-28	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Temporary Facilities During Construction	3/1/2028	7/23/2036	2,190	5
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Emnbankment Finish Work	7/6/2035	7/23/2036	274	5
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Spillway	7/27/2034	4/12/2035	185	5
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Outlet Structure	1/27/2034	7/23/2036	649	5
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Southern Forebay Inlet Structure	4/12/2035	10/19/2035	136	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	11/21/2029	11/14/2030	256	5
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	11/21/2029	11/5/2032	771	5
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	4/18/2031	8/19/2031	88	5
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	8/20/2031	9/24/2032	344	6
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	9/27/2032	11/15/2032	35	5
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	7/31/2030	4/6/2034	961	5
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2031	12/20/2032	277	5
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	12/21/2032	4/21/2034	417	6
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	3/3/2034	4/21/2034	35	5
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	10/12/2029	2/22/2036	1,660	5
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Raise Tunnel Shaft at Northern portion of Southern Forebay	7/26/2030	6/25/2031	239	5
SComplexByronOpt7-44	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Finalize Tunnel Shaft at Northern portion of Southern Forebay	6/25/2031	10/31/2031	91	5
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	12/7/2029	7/26/2030	165	5
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	3/8/2030	11/18/2031	443	5
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	11/18/2031	2/9/2032	59	5
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Construct Tunnel from Southern Forebay to Reception Shaft	10/31/2031	11/16/2035	1,055	6
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Finish Work for Tunnel from Southern Forebay to Reception Shaft	11/16/2035	2/20/2036	69	5
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Erect Batch Plant #1	3/5/2027	4/30/2027	40	5
SComplexByronOpt7-51	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Erect Batch Plant #2	6/25/2030	8/19/2030	39	5
SComplexByronOpt7-52	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Operate Concrete Batch Plant	4/9/2027	3/17/2037	2,593	5
SComplexByronOpt7-53	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Intermediate Access Road Overlays	1/28/2037	2/12/2037	11	5
SComplexByronOpt7-54	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Final Access Road Overlays	4/22/2030	5/6/2030	10	5
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	Central	7B	2c	Site Restoration	2/7/2036	1/7/2037	239	5
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Rail Features in Northern Southern Forebay	1/5/2026	10/22/2026	207	5
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Rail Features in the Southern portion of Southern Forebay	1/5/2026	4/2/2027	323	5
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Rail Yard	3/30/2026	3/19/2027	253	5
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Byron Highway Interchange	4/27/2026	3/11/2027	227	5
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Initial Site Work	7/2/2027	7/9/2027	5	5
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Ground Improvement	7/16/2027	2/24/2028	159	5
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Construction Phase 1	3/30/2027	3/30/2028	261	5
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Contractor Operations	7/2/2027	4/22/2032	1,254	5
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Substation	12/21/2029	10/14/2030	212	5
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Structure Phase 1	3/17/2027	7/8/2027	81	5
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Structure Phase 2	12/21/2029	1/21/2031	283	5
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Structure Phase 3	10/23/2030	6/17/2033	691	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Wet Well	1/23/2031	4/5/2034	834	5
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Outlet Structure	4/12/2032	9/1/2034	623	5
SComplexByronOpt8-15A	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Dissipation Slab Phase 1A	9/29/2031	8/12/2032	227	5
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Dissipation Slab Phase 1B	6/9/2034	10/15/2035	352	5
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Electrical Building	6/9/2034	1/11/2035	154	5
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Generator Building	1/11/2035	2/26/2035	33	5
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant HVAC	2/1/2035	3/14/2035	29	5
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Finish Site Work	1/11/2035	4/25/2036	336	5
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Finish Work Phase 1	1/21/2033	10/19/2035	715	5
SComplexByronOpt8-21	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Finish Work Phase 2	9/15/2031	4/3/2035	926	5
SComplexByronOpt8-22	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Pumping Plant Pumping Equipment	9/7/2035	7/29/2036	233	5
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Site Preparation	3/1/2028	12/7/2028	201	5
SComplexByronOpt8-24	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Clear and Grub	4/26/2028	1/4/2029	181	5
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Foundations	4/26/2028	12/7/2029	445	5
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Embankments	4/26/2030	7/6/2035	1,355	5
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Soil Materials Handling	6/7/2028	2/20/2035	1,749	5
SComplexByronOpt8-28	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Temporary Facilities During Construction	3/1/2028	7/23/2036	2,190	5
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Emnbankment Finish Work	7/6/2035	7/23/2036	274	5
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Spillway	7/27/2034	4/12/2035	185	5
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Outlet Structure	1/27/2034	7/23/2036	649	5
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Southern Forebay Inlet Structure	4/12/2035	10/19/2035	136	5
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Tunnel Launch Shaft Site Preparation for Shafts from Southern Forebay to South Delta Conveyance	11/21/2029	11/14/2030	256	5
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Raise Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	11/21/2029	11/5/2032	771	5
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Finalize Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	4/18/2031	8/19/2031	88	5
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Construct Tunnel from Eastern Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5E)	8/20/2031	9/24/2032	344	6
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Finish Work for Tunnel Eastern Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5E)	9/27/2032	11/15/2032	35	5
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Raise Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	7/31/2030	4/6/2034	961	5
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Finalize Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	11/28/2031	12/20/2032	277	5
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Construct Tunnel from Western Shaft at Southern Forebay Outlet to South Delta Conveyance (called Shaft 5W)	12/21/2032	4/21/2034	417	6
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Finish Work for Tunnel Western Shaft from Southern Forebay to South Delta Conveyance (called Shaft 5W)	3/3/2034	4/21/2034	35	5
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Tunnel Launch Shaft Site Preparation for Shaft at Northern portion of Southern Forebay	10/12/2029	2/22/2036	1,660	5
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Raise Tunnel Shaft at Northern portion of Southern Forebay	7/26/2030	6/25/2031	239	5
SComplexByronOpt8-44	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Finalize Tunnel Shaft at Northern portion of Southern Forebay	6/25/2031	10/31/2031	91	5
SComplexByronOpt8-45	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Tunnel Launch Working Shaft Site Preparation at Northern portion of Southern Forebay	12/7/2029	7/26/2030	165	5
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Raise Tunnel Working Shaft at Northern portion of Southern Forebay	3/8/2030	11/18/2031	443	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Finalize Tunnel Working Shaft at Northern portion of Southern Forebay	11/18/2031	2/9/2032	59	5
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Construct Tunnel from Southern Forebay to Reception Shaft	10/31/2031	2/26/2038	1,980	6
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Finish Work for Tunnel from Southern Forebay to Reception Shaft	2/26/2038	6/4/2038	70	5
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Erect Batch Plant #1	3/5/2027	4/30/2027	40	5
SComplexByronOpt8-51	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Erect Batch Plant #2	6/25/2030	8/19/2030	39	5
SComplexByronOpt8-52	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Operate Concrete Batch Plant	4/9/2027	3/17/2037	2,593	5
SComplexByronOpt8-53	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Intermediate Access Road Overlays	7/30/2038	8/16/2038	12	5
SComplexByronOpt8-54	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Final Access Road Overlays	4/8/2030	4/22/2030	10	5
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	Eastern	8B	4c	Site Restoration	2/7/2036	1/7/2037	239	5
RTMOpt1-1	RTM - Twin Cities	Twin Cities RTM Alt 1	Central	1B	1	TCC-Central & Eastern - 24: Tunneling Reach 1	11/6/2030	12/28/2034	1,297	6
RTMOpt1-2	RTM - Twin Cities	Twin Cities RTM Alt 1	Central	1B	1	TCC-Central & Eastern - 26: Tunneling Reach 2	6/6/2030	12/4/2036	2,064	6
RTMOpt1-3	RTM - Bouldin	Bouldin RTM Alt 1	Central	1B	1	Bouldin I-Central - 18: Tunneling Reach 3	4/17/2031	12/25/2035	1,469	6
RTMOpt1-4	RTM - Byron Tract	Byron Tract RTM Alt 1	Central	1B	1	SF - Central - 32: Tunneling Reach 4	8/15/2031	5/29/2036	1,498	6
RTMOpt1-5	RTM - Byron Tract	Byron Tract RTM Alt 1	Central	1B	1	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	4/13/2034	829	5
RTMOpt2-1	RTM - Twin Cities	Twin Cities RTM Alt 3	Eastern	2B	3	TCC-Central & Eastern - 24: Tunneling Reach 1	11/6/2030	5/8/2036	1,853	6
RTMOpt2-2	RTM - Twin Cities	Twin Cities RTM Alt 3	Eastern	2B	3	TCC-Central & Eastern - 26: Tunneling Reach 2	6/6/2030	12/4/2036	2,064	6
RTMOpt2-3	RTM - Lower Roberts	Lower Roberts RTM Alt 3	Eastern	2B	3	LRI-Eastern - 20: Tunneling Reach 3	4/17/2031	4/22/2036	1,571	6
RTMOpt2-4	RTM - Byron Tract	Byron Tract RTM Alt 3	Eastern	2B	3	SF - Central - 32: Tunneling Reach 4	8/15/2031	11/8/2038	2,264	6
RTMOpt2-5	RTM - Byron Tract	Byron Tract RTM Alt 3	Eastern	2B	3	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	4/13/2034	829	5
RTMOpt5-1	RTM - Twin Cities	Twin Cities RTM Alt 2b	Central	5B	2b	TCC-Central & Eastern - 24: Tunneling Reach 1	7/9/2031	5/5/2034	736	5
RTMOpt5-2	RTM - Twin Cities	Twin Cities RTM Alt 2b	Central	5B	2b	TCC-Central & Eastern - 26: Tunneling Reach 2	6/6/2030	12/4/2036	2,064	6
RTMOpt5-3	RTM - Bouldin	Bouldin RTM Alt 2b	Central	5B	2b	Bouldin I-Central - 18: Tunneling Reach 3	4/17/2031	5/2/2035	1,266	6
RTMOpt5-4	RTM - Byron Tract	Byron Tract RTM Alt 2b	Central	5B	2b	SF - Central - 32: Tunneling Reach 4	4/17/2029	4/16/2035	1,498	5
RTMOpt5-5	RTM - Byron Tract	Byron Tract RTM Alt 2b	Central	5B	2b	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	4/13/2034	829	5
RTMOpt6-1	RTM - Twin Cities	Twin Cities RTM Alt 4b	Eastern	6B	4b	TCC-Central & Eastern - 24: Tunneling Reach 1	7/9/2031	5/5/2034	736	5
RTMOpt6-2	RTM - Twin Cities	Twin Cities RTM Alt 4b	Eastern	6B	4b	TCC-Central & Eastern - 26: Tunneling Reach 2	6/6/2030	12/4/2036	2,064	6
RTMOpt6-3	RTM - Lower Roberts	Lower Roberts RTM Alt 4b	Eastern	6B	4b	LRI-Eastern - 20: Tunneling Reach 3	6/26/2031	8/9/2035	1,076	5
RTMOpt6-4	RTM - Byron Tract	Byron Tract RTM Alt 4b	Eastern	6B	4b	SF - Central - 32: Tunneling Reach 4	5/27/2031	1/12/2037	1,469	5
RTMOpt6-5	RTM - Byron Tract	Byron Tract RTM Alt 4b	Eastern	6B	4b	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	4/13/2034	829	5
RTMOpt7-1	RTM - Twin Cities	Twin Cities RTM Alt 2c	Central	7B	2c	TCC-Central & Eastern - 24: Tunneling Reach 1	11/6/2030	9/26/2034	1,014	5
RTMOpt7-2	RTM - Twin Cities	Twin Cities RTM Alt 2c	Central	7B	2c	TCC-Central & Eastern - 26: Tunneling Reach 2	1/14/2030	6/30/2036	1,685	5
RTMOpt7-3	RTM - Bouldin	Bouldin RTM Alt 2c	Central	7B	2c	Bouldin I-Central - 18: Tunneling Reach 3	6/26/2031	9/18/2035	1,103	5
RTMOpt7-4	RTM - Byron Tract	Byron Tract RTM Alt 2c	Central	7B	2c	SF - Central - 32: Tunneling Reach 4	12/5/2031	11/6/2035	1,030	5
RTMOpt7-5	RTM - Byron Tract	Byron Tract RTM Alt 2c	Central	7B	2c	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	3/2/2034	767	5
RTMOpt8-1	RTM - Twin Cities	Twin Cities RTM Alt 4c	Eastern	8B	4c	TCC-Central & Eastern - 24: Tunneling Reach 1	11/6/2030	9/26/2034	1,014	5
RTMOpt8-2	RTM - Twin Cities	Twin Cities RTM Alt 4c	Eastern	8B	4c	TCC-Central & Eastern - 26: Tunneling Reach 2	1/4/2030	12/17/2035	1,545	5
RTMOpt8-3	RTM - Lower Roberts	Lower Roberts RTM Alt 4c	Eastern	8B	4c	LRI-Eastern - 20: Tunneling Reach 3	6/26/2031	1/7/2036	1,183	5
RTMOpt8-4	RTM - Byron Tract	Byron Tract RTM Alt 4c	Eastern	8B	4c	SF - Central - 32: Tunneling Reach 4	12/5/2031	2/26/2038	1,625	5
RTMOpt8-5	RTM - Byron Tract	Byron Tract RTM Alt 4c	Eastern	8B	4c	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	3/2/2034	767	5
RTMOpt9-1	RTM - Twin Cities	Twin Cities RTM Alt 2a	Central	9B	2a	TCC-Central & Eastern - 24: Tunneling Reach 1	11/6/2030	8/20/2036	1,511	5
RTMOpt9-2	RTM - Twin Cities	Twin Cities RTM Alt 2a	Central	9B	2a	TCC-Central & Eastern - 26: Tunneling Reach 2	1/14/2030	11/3/2037	2,035	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
RTMOpt9-3	RTM - Bouldin	Bouldin RTM Alt 2a	Central	9B	2a	Bouldin I-Central - 18: Tunneling Reach 3	6/26/2031	7/21/2036	1,322	5
RTMOpt9-4	RTM - Byron Tract	Byron Tract RTM Alt 2a	Central	9B	2a	SF - Central - 32: Tunneling Reach 4	12/5/2031	6/27/2036	1,190	5
RTMOpt9-5	RTM - Byron Tract	Byron Tract RTM Alt 2a	Central	9B	2a	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	4/13/2034	802	5
RTMOpt9-6	RTM - South Delta	South Delta RTM Alt 2a	Central	9B	2a	SDC- Tunneling Reach 6 to Jones PP	10/5/2033	8/30/2034	236	5
RTMOpt10-1	RTM - Twin Cities	Twin Cities RTM Alt 4a	Eastern	10B	4a	TCC-Central & Eastern - 24: Tunneling Reach 1	11/6/2030	8/20/2036	1,511	5
RTMOpt10-2	RTM - Twin Cities	Twin Cities RTM Alt 4a	Eastern	10B	4a	TCC-Central & Eastern - 26: Tunneling Reach 2	1/14/2030	11/3/2037	2,035	5
RTMOpt10-3	RTM - Lower Roberts	Lower Roberts RTM 4a	Eastern	10B	4a	LRI-Eastern - 20: Tunneling Reach 3	6/26/2031	7/21/2036	1,322	5
RTMOpt10-4	RTM - Byron Tract	Byron Tract RTM Alt 4a	Eastern	10B	4a	SF - Central - 32: Tunneling Reach 4	12/5/2031	6/23/2039	1,969	5
RTMOpt10-5	RTM - Byron Tract	Byron Tract RTM Alt 4a	Eastern	10B	4a	SF - Central - 33: Tunneling Reaches 5E & 5W	8/20/2031	4/13/2034	802	5
RTMOpt10-6	RTM - South Delta	South Delta RTM Alt 4a	Eastern	10B	4a	SDC- Tunneling Reach 6 to Jones PP	10/5/2033	8/30/2034	236	5
RTMOptB2-1	RTM - Twin Cities	Twin Cities RTM Alt 5	Bethany	B2	5	TCC-Central & Eastern - 24: Tunneling Reach 1	11/6/2030	5/8/2036	1,853	6
RTMOptB2-2	RTM - Twin Cities	Twin Cities RTM Alt 5	Bethany	B2	5	TCC-Central & Eastern - 26: Tunneling Reach 2	6/6/2030	12/4/2036	2,064	6
RTMOptB2-3	RTM - Lower Roberts	Lower Roberts RTM Alt 5	Bethany	B2	5	LRI-Bethany: Tunneling Reach 3	4/16/2031	2/11/2036	1,259	5
RTMOptB2-4	RTM - Lower Roberts	Lower Roberts RTM Alt 5	Bethany	B2	5	LRI-Bethany: Tunneling Reach 4	10/2/2030	8/17/2037	1,794	5
StockOpt1-1	RTM - Twin Cities	Twin Cities Stockpile Alt 1	Central	1B	1	RTM Stockpile	1/1/2030	12/31/2037	2,921	7
StockOpt1-2	RTM - Bouldin	Bouldin Stockpile Alt 1	Central	1B	1	RTM Stockpile	1/1/2031	12/31/2035	1,825	7
StockOpt1-3	RTM - S. Complex	S. Complex Stockpile Alt 1	Central	1B	1	RTM Stockpile	1/1/2030	12/31/2036	2,556	7
StockOpt2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 3	Eastern	2B	3	RTM Stockpile	1/1/2030	12/31/2037	2,921	7
StockOpt2-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 3	Eastern	2B	3	RTM Stockpile	1/1/2031	12/31/2037	2,556	7
StockOpt2-3	RTM - S. Complex	S. Complex Stockpile Alt 3	Eastern	2B	3	RTM Stockpile	1/1/2030	12/31/2039	3,651	7
StockOpt5-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2b	Central	5B	2b	RTM Stockpile	1/1/2030	12/31/2036	2,556	7
StockOpt5-2	RTM - Bouldin	Bouldin Stockpile Alt 2b	Central	5B	2b	RTM Stockpile	1/1/2031	12/31/2035	1,825	7
StockOpt5-3	RTM - S. Complex	S. Complex Stockpile Alt 2b	Central	5B	2b	RTM Stockpile	1/1/2030	12/31/2036	2,556	7
StockOpt6-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4b	Eastern	6B	4b	RTM Stockpile	1/1/2030	12/31/2036	2,556	7
StockOpt6-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4b	Eastern	6B	4b	RTM Stockpile	1/1/2031	12/31/2036	2,191	7
StockOpt6-3	RTM - S. Complex	S. Complex Stockpile Alt 4b	Eastern	6B	4b	RTM Stockpile	1/1/2030	12/31/2036	2,556	7
StockOpt7-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2c	Central	7B	2c	RTM Stockpile	1/1/2030	12/31/2037	2,921	7
StockOpt7-2	RTM - Bouldin	Bouldin Stockpile Alt 2c	Central	7B	2c	RTM Stockpile	1/1/2031	12/31/2035	1,825	7
StockOpt7-3	RTM - S. Complex	S. Complex Stockpile Alt 2c	Central	7B	2c	RTM Stockpile	1/1/2030	12/31/2036	2,556	7
StockOpt8-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4c	Eastern	8B	4c	RTM Stockpile	1/1/2030	12/31/2036	2,556	7
StockOpt8-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4c	Eastern	8B	4c	RTM Stockpile	1/1/2031	12/31/2036	2,191	7
StockOpt8-3	RTM - S. Complex	S. Complex Stockpile Alt 4c	Eastern	8B	4c	RTM Stockpile	1/1/2030	12/31/2038	3,286	7
StockOpt9-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2a	Central	9B	2a	RTM Stockpile	1/1/2030	12/31/2038	3,286	7
StockOpt9-2	RTM - Bouldin	Bouldin Stockpile Alt 2a	Central	9B	2a	RTM Stockpile	1/1/2031	12/31/2036	2,191	7
StockOpt9-3	RTM - S. Complex	S. Complex Stockpile Alt 2a	Central	9B	2a	RTM Stockpile	1/1/2031	12/31/2036	2,191	7
StockOpt10-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4a	Eastern	10B	4a	RTM Stockpile	1/1/2030	12/31/2038	3,286	7
StockOpt10-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4a	Eastern	10B	4a	RTM Stockpile	1/1/2031	12/31/2037	2,556	7
StockOpt10-3	RTM - S. Complex	S. Complex Stockpile Alt 4a	Eastern	10B	4a	RTM Stockpile	1/1/2030	12/31/2039	3,651	7
StockOptB2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 5	Bethany	B2	5	RTM Stockpile	11/6/2030	5/8/2036	2,010	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
StockOptB2-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 5	Bethany	B2	5	RTM Stockpile	4/16/2031	2/11/2036	1,762	7
StockOptB2-3	RTM - Lower Roberts	Lower Roberts Stockpile Alt 5	Bethany	B2	5	RTM Stockpile	10/2/2030	8/17/2037	2,511	7
StockOptB2-4	RTM - B. Complex	Bethany Stockpile Alt 5	Bethany	B2	5	RTM Stockpile	8/10/2028	5/29/2035	2,483	7
BatchOpt1-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	1B	1	Batching for Intake 3	5/10/2030	7/31/2036	1,625	5
BatchOpt1-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	1B	1	Batching for Intake 5	6/28/2029	6/1/2035	1,547	5
BatchOpt1-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	1B	1	Batching for Tunnels and Shafts Reach 1	9/15/2031	8/2/2032	231	5
BatchOpt1-4	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	1B	1	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt1-5	Onsite Concrete Batching	Bacon Island Onsite Batch	Central	1B	1	Batching for Tunnels and Shafts Reach 3	6/2/2031	4/11/2033	486	5
BatchOpt1-6	Onsite Concrete Batching	S. Complex Onsite Batch	Central	1B	1	Batching for BT Pumping Plant	4/30/2027	12/18/2035	2,253	5
BatchOpt1-7	Onsite Concrete Batching	S. Complex Onsite Batch	Central	1B	1	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5
BatchOpt1-8	Onsite Concrete Batching	S. Complex Onsite Batch	Central	1B	1	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt1-9	Onsite Concrete Batching	S. Complex Onsite Batch	Central	1B	1	Batching for Tunnels and Shafts Reach 5W	3/12/2031	6/14/2032	329	5
BatchOpt1-10	Onsite Concrete Batching	S. Complex Onsite Batch	Central	1B	1	Batching for South Delta Connections	7/25/2030	12/16/2036	1,669	5
BatchOpt1-11	Onsite Concrete Batching	S. Complex Onsite Batch	Central	1B	1	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOpt2-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	2B	3	Batching for Intake 3	5/10/2030	7/31/2036	1,625	5
BatchOpt2-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	2B	3	Batching for Intake 5	6/28/2029	6/1/2035	1,547	5
BatchOpt2-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	2B	3	Batching for Tunnels and Shafts Reach 1	9/15/2031	8/2/2032	231	5
BatchOpt2-4	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	2B	3	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt2-5	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	2B	3	Batching for BT Pumping Plant	4/30/2027	12/18/2035	2,253	5
BatchOpt2-6	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	2B	3	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5
BatchOpt2-7	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	2B	3	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt2-8	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	2B	3	Batching for Tunnels and Shafts Reach 5W	3/12/2031	6/14/2032	329	5
BatchOpt2-9	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	2B	3	Batching for South Delta Connections	7/25/2030	12/16/2036	1,669	5
BatchOpt2-10	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	2B	3	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOpt5-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	5B	2b	Batching for Intake 5	6/28/2029	6/1/2035	1,547	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BatchOpt5-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	5B	2b	Batching for Tunnels and Shafts Reach 1	9/15/2031	11/12/2031	43	5
BatchOpt5-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	5B	2b	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt5-4	Onsite Concrete Batching	Bacon Island Onsite Batch	Central	5B	2b	Batching for Tunnels and Shafts Reach 3	6/2/2031	4/11/2033	486	5
BatchOpt5-5	Onsite Concrete Batching	S. Complex Onsite Batch	Central	5B	2b	Batching for BT Pumping Plant	4/30/2027	4/17/2035	2,078	5
BatchOpt5-6	Onsite Concrete Batching	S. Complex Onsite Batch	Central	5B	2b	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5
BatchOpt5-7	Onsite Concrete Batching	S. Complex Onsite Batch	Central	5B	2b	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt5-8	Onsite Concrete Batching	S. Complex Onsite Batch	Central	5B	2b	Batching for Tunnels and Shafts Reach 5W	6/11/2030	8/21/2031	313	5
BatchOpt5-9	Onsite Concrete Batching	S. Complex Onsite Batch	Central	5B	2b	Batching for South Delta Connections	7/25/2030	12/16/2036	1,669	5
BatchOpt5-10	Onsite Concrete Batching	S. Complex Onsite Batch	Central	5B	2b	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOpt6-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	6B	4b	Batching for Intake 5	6/28/2029	6/1/2035	1,547	5
BatchOpt6-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	6B	4b	Batching for Tunnels and Shafts Reach 1	9/15/2031	11/12/2031	43	5
BatchOpt6-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	6B	4b	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt6-4	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	6B	4b	Batching for BT Pumping Plant	4/29/2027	2/15/2035	2,036	5
BatchOpt6-5	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	6B	4b	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5
BatchOpt6-6	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	6B	4b	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt6-7	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	6B	4b	Batching for Tunnels and Shafts Reach 5W	6/11/2030	8/21/2031	313	5
BatchOpt6-8	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	6B	4b	Batching for South Delta Connections	7/25/2030	12/16/2036	1,669	5
BatchOpt6-9	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	6B	4b	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOpt7-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	7B	2c	Batching for Intake 3	5/10/2030	9/14/2035	1,396	5
BatchOpt7-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	7B	2c	Batching for Intake 5	6/28/2029	5/16/2034	1,274	5
BatchOpt7-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	7B	2c	Batching for Tunnels and Shafts Reach 1	9/15/2031	8/2/2032	231	5
BatchOpt7-4	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	7B	2c	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt7-5	Onsite Concrete Batching	Bacon Island Onsite Batch	Central	7B	2c	Batching for Tunnels and Shafts Reach 3	6/2/2031	4/18/2033	491	5
BatchOpt7-6	Onsite Concrete Batching	S. Complex Onsite Batch	Central	7B	2c	Batching for BT Pumping Plant	4/29/2027	9/17/2035	2,188	5
BatchOpt7-7	Onsite Concrete Batching	S. Complex Onsite Batch	Central	7B	2c	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BatchOpt7-8	Onsite Concrete Batching	S. Complex Onsite Batch	Central	7B	2c	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt7-9	Onsite Concrete Batching	S. Complex Onsite Batch	Central	7B	2c	Batching for Tunnels and Shafts Reach 5W	6/11/2030	6/14/2032	525	5
BatchOpt7-10	Onsite Concrete Batching	S. Complex Onsite Batch	Central	7B	2c	Batching for South Delta Connections	7/25/2030	12/16/2036	1,669	5
BatchOpt7-11	Onsite Concrete Batching	S. Complex Onsite Batch	Central	7B	2c	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOpt8-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	8B	4c	Batching for Intake 3	5/10/2030	9/14/2035	1,396	5
BatchOpt8-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	8B	4c	Batching for Intake 5	6/28/2029	5/16/2034	1,274	5
BatchOpt8-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	8B	4c	Batching for Tunnels and Shafts Reach 1	9/15/2031	8/2/2032	231	5
BatchOpt8-4	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	8B	4c	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt8-5	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	8B	4c	Batching for BT Pumping Plant	4/29/2027	9/17/2035	2,188	5
BatchOpt8-6	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	8B	4c	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5
BatchOpt8-7	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	8B	4c	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt8-8	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	8B	4c	Batching for Tunnels and Shafts Reach 5W	6/11/2030	6/14/2032	525	5
BatchOpt8-9	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	8B	4c	Batching for South Delta Connections	7/25/2030	12/16/2036	1,669	5
BatchOpt8-10	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	8B	4c	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOpt9-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	9B	2a	Batching for Intake 2	3/4/2031	2/19/2037	1,558	5
BatchOpt9-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	9B	2a	Batching for Intake 3	5/10/2030	12/6/2035	1,455	5
BatchOpt9-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	9B	2a	Batching for Intake 5	6/28/2029	11/27/2034	1,413	5
BatchOpt9-4	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	9B	2a	Batching for Tunnels and Shafts Reach 1	9/15/2031	11/29/2032	316	5
BatchOpt9-5	Onsite Concrete Batching	Lambert Road Onsite Batch	Central	9B	2a	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt9-6	Onsite Concrete Batching	Bacon Island Onsite Batch	Central	9B	2a	Batching for Tunnels and Shafts Reach 3	6/2/2031	4/18/2033	491	5
BatchOpt9-7	Onsite Concrete Batching	S. Complex Onsite Batch	Central	9B	2a	Batching for BT Pumping Plant	4/30/2027	6/25/2036	2,389	5
BatchOpt9-8	Onsite Concrete Batching	S. Complex Onsite Batch	Central	9B	2a	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5
BatchOpt9-9	Onsite Concrete Batching	S. Complex Onsite Batch	Central	9B	2a	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt9-10	Onsite Concrete Batching	S. Complex Onsite Batch	Central	9B	2a	Batching for Tunnels and Shafts Reach 5W	6/11/2030	6/14/2032	525	5
BatchOpt9-11	Onsite Concrete Batching	S. Complex Onsite Batch	Central	9B	2a	Batching for Tunnels and Shafts Reach 6 Jones Tunnel	7/23/2031	10/18/2032	324	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BatchOpt9-12	Onsite Concrete Batching	S. Complex Onsite Batch	Central	9B	2a	Batching for South Delta Connections	7/25/2030	1/23/2037	1,697	5
BatchOpt9-13	Onsite Concrete Batching	S. Complex Onsite Batch	Central	9B	2a	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOpt10-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	10B	4a	Batching for Intake 2	3/4/2031	2/19/2037	1,558	5
BatchOpt10-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	10B	4a	Batching for Intake 3	5/10/2030	12/6/2035	1,455	5
BatchOpt10-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	10B	4a	Batching for Intake 5	6/28/2029	11/27/2034	1,413	5
BatchOpt10-4	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	10B	4a	Batching for Tunnels and Shafts Reach 1	9/15/2031	11/29/2032	316	5
BatchOpt10-5	Onsite Concrete Batching	Lambert Road Onsite Batch	Eastern	10B	4a	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOpt10-6	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	10B	4a	Batching for BT Pumping Plant	4/30/2027	6/25/2036	2,389	5
BatchOpt10-7	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	10B	4a	Batching for Tunnels and Shafts Reach 4	8/20/2030	1/22/2032	373	5
BatchOpt10-8	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	10B	4a	Batching for Tunnels and Shafts Reach 5E	8/23/2030	11/18/2031	323	5
BatchOpt10-9	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	10B	4a	Batching for Tunnels and Shafts Reach 5W	6/11/2030	6/14/2032	525	5
BatchOpt10-10	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	10B	4a	Batching for Tunnels and Shafts Reach 6 Jones Tunnel	7/23/2031	11/23/2032	350	5
BatchOpt10-11	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	10B	4a	Batching for South Delta Connections	7/25/2030	1/23/2037	1,697	5
BatchOpt10-12	Onsite Concrete Batching	S. Complex Onsite Batch	Eastern	10B	4a	Batching for Southern Forebay	8/28/2034	1/28/2036	371	5
BatchOptB2-1	Onsite Concrete Batching	Lambert Road Onsite Batch	Bethany	B2	5	Batching for Intake 3	5/10/2030	7/31/2036	1,625	5
BatchOptB2-2	Onsite Concrete Batching	Lambert Road Onsite Batch	Bethany	B2	5	Batching for Intake 5	6/28/2029	6/1/2035	1,547	5
BatchOptB2-3	Onsite Concrete Batching	Lambert Road Onsite Batch	Bethany	B2	5	Batching for Tunnels and Shafts Reach 1	9/15/2031	8/2/2032	231	5
BatchOptB2-4	Onsite Concrete Batching	Lambert Road Onsite Batch	Bethany	B2	5	Batching for Tunnels and Shafts Reach 2	10/25/2027	4/11/2030	644	5
BatchOptB2-5	Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5	Batching for Reach 4 Receptions Shaft	2/11/2028	2/20/2029	268	5
BatchOptB2-6	Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5	Batching for Pumping Plant Buildings	5/2/2029	9/14/2035	1,663	5
BatchOptB2-7	Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5	Batching for Surge Basin	8/8/2031	12/1/2037	1,648	5
BatchOptB2-8	Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5	Batching for Bethany Tunnels and Shaft	4/8/2031	9/19/2033	640	5
BatchOptB2-9	Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5	Batching for Reservoir Structure	11/27/2030	10/12/2035	1,273	5
BatchOptB2-10	Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5	Batching for Shaft Excavation	5/21/2031	12/29/2031	159	5
BatchOptB2-11	Onsite Concrete Batching	Bethany Complex Onsite Batch	Bethany	B2	5	Batching for Aqueduct to Jones	3/18/2031	5/11/2035	1,084	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BethAqueductOptB2B10-01	Aqueduct	Bethany Aqueduct	Bethany	B2	5	01 - Mobilization for Pipeline construction	10/8/2030	11/4/2030	20	5
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	Bethany	B2	5	02 - Contractor Site Management & Facilities	10/8/2030	6/12/2035	1,221	5
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	Bethany	B2	5	03 - Clear and Grub	11/5/2030	5/7/2031	132	5
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	Bethany	B2	5	04 - Bridges at Jones Penstocks	2/27/2031	3/25/2031	19	5
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	Bethany	B2	5	05 - Bridges at BBID	3/24/2031	4/18/2031	20	5
BethAqueductOptB2B10-06	Aqueduct	Bethany Aqueduct	Bethany	B2	5	06 - Mobilization	3/25/2031	5/14/2031	37	5
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	Bethany	B2	5	07 - Portal excavation	4/8/2031	5/15/2031	28	5
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	Bethany	B2	5	08 - Bridges at Gas Line Crossing	4/18/2031	5/16/2031	21	5
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	Bethany	B2	5	09 - Tunnel Construction - Jones Crossing	5/1/2031	6/20/2031	37	6
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Bethany	B2	5	10 - Aqueduct Tunnel Construction - Bethany approach	6/20/2031	9/27/2033	593	6
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Bethany	B2	5	11 - Fit Pipe	4/26/2033	5/11/2035	534	5
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	Bethany	B2	5	12 - Backfill above the Pipe	7/29/2033	6/1/2035	481	5
BethAqueductOptB2B10-13	Aqueduct	Bethany Aqueduct	Bethany	B2	5	13 - Dewatering	9/27/2033	5/25/2035	434	5
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	Bethany	B2	5	14 - Trench Excavation - Aqueduct Pipeline	9/27/2033	11/3/2034	289	5
BethAqueductOptB2B10-15	Aqueduct	Bethany Aqueduct	Bethany	B2	5	15 - Backfill within Tunnels	10/21/2033	5/19/2034	151	5
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	Bethany	B2	5	16 - CLSM backfill	1/20/2034	5/11/2035	341	5
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	Bethany	B2	5	17 - Permanent Patrol Road	12/13/2034	6/5/2035	125	5
BethAqueductOptB2B10-18	Aqueduct	Bethany Aqueduct	Bethany	B2	5	18 - Site restoration - Aqueduct pipeline	12/19/2034	6/12/2035	126	5
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	Bethany	B2	5	01 - Erect Batch Plants	1/19/2028	7/4/2028	120	5
Beth_BatchPlantOptB2-02	Batch Plants	Bethany Batch Plant	Bethany	B2	5	02 - Shafts Batch Plant Operations	4/13/2028	2/20/2029	224	5
Beth_BatchPlantOptB2-03	Batch Plants	Bethany Batch Plant	Bethany	B2	5	03 - Batch Plant Operations Pumping Plant	7/5/2028	7/26/2034	1,581	5
Beth_BatchPlantOptB2-04	Batch Plants	Bethany Batch Plant	Bethany	B2	5	04 - Batch Plant Operations Surge Basin	12/31/2030	3/16/2038	1,881	5
Beth_BatchPlantOptB2-05	Batch Plants	Bethany Batch Plant	Bethany	B2	5	05 - Batch Plant Operations Aqueduct Tunnels	4/22/2031	9/19/2033	630	5
Beth_BatchPlantOptB2-06	Batch Plants	Bethany Batch Plant	Bethany	B2	5	06 - Batch Plant Operations Bethany Outlet	4/29/2031	10/12/2035	1,164	5
Beth_BatchPlantOptB2-07	Batch Plants	Bethany Batch Plant	Bethany	B2	5	07 - Aqueduct Tunnel & shaft Batch Plant Operations	5/1/2031	10/12/2035	1,162	5
Beth_BatchPlantOptB2-08	Batch Plants	Bethany Batch Plant	Bethany	B2	5	08 - Batch Plant Operations Aqueduct pipeline	7/29/2033	5/11/2035	466	5
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	Bethany	B2	5	01 - Roadway Excavation	7/29/2026	9/18/2026	38	5
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Bethany	B2	5	02 - Embankment	8/6/2026	2/5/2027	132	5
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Bethany	B2	5	03 - Culvert Pipe	8/11/2026	2/9/2027	131	5
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	Bethany	B2	5	04 - Drainage	8/12/2026	3/1/2027	144	5
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	Bethany	B2	5	05 - Road Base	8/20/2026	5/13/2027	191	5
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Bethany	B2	5	06 - Bridge Work	8/31/2026	4/23/2027	170	5
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Bethany	B2	5	07 - Initial Overlay	9/1/2026	5/26/2027	192	5
BethComplex_N_Access_B-08	Roads	Bethany Complex N Access	Bethany	B2	5	08 - Signs and Signals	9/9/2026	6/9/2027	196	5
BethComplex_N_Access_B-09	Roads	Bethany Complex N Access	Bethany	B2	5	09 - Intermediate Overlay	3/25/2030	6/18/2030	62	5
BethComplex_N_Access_B-10	Roads	Bethany Complex N Access	Bethany	B2	5	10 - Final Overlay	5/14/2038	5/18/2038	3	3
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	Bethany	B2	5	01 - Roadway Excavation	1/5/2026	3/31/2026	62	5
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Bethany	B2	5	02 - Contractor Site Management & Facilities	1/5/2026	6/9/2027	373	5
BethComplex_S_Access_B-03	Roads	Bethany Complex S Access	Bethany	B2	5	03 - Mobilizaton	1/5/2026	2/13/2026	30	5
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	Bethany	B2	5	04 - Embankment	1/26/2026	2/17/2026	17	5
BethComplex_S_Access_B-05	Roads	Bethany Complex S Access	Bethany	B2	5	05 - Culvert Pipe	2/18/2026	4/1/2026	31	5
BethComplex_S_Access_B-06	Roads	Bethany Complex S Access	Bethany	B2	5	06 - Drainage	3/3/2026	4/10/2026	29	5
BethComplex_S_Access_B-07	Roads	Bethany Complex S Access	Bethany	B2	5	07 - Bridge Work	4/1/2026	8/3/2026	89	5
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	Bethany	B2	5	08 - Road Base	4/13/2026	8/13/2026	89	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	Bethany	B2	5	09 - Initial Overlay	5/22/2026	8/17/2026	62	5
BethComplex_S_Access_B-10	Roads	Bethany Complex S Access	Bethany	B2	5	10 - Signs and Signals	6/25/2026	8/18/2026	39	5
BethComplex_S_Access_B-11	Roads	Bethany Complex S Access	Bethany	B2	5	11 - Road Maintenance	3/17/2027	4/4/2030	797	5
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Bethany	B2	5	12 - Intermediate Overlay	4/5/2030	7/15/2030	72	5
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Bethany	B2	5	13 - Final Overlay	12/24/2037	6/16/2038	125	5
Franklin_Access_B-01	Roads	Bethany Franklin Access	Bethany	B2	5	01 - Roadway Excavation	11/24/2026	11/30/2026	5	5
Franklin_Access_B-02	Roads	Bethany Franklin Access	Bethany	B2	5	02 - Embankment	12/1/2026	12/16/2026	12	5
Franklin_Access_B-03	Roads	Bethany Franklin Access	Bethany	B2	5	03 - Culvert Pipe	12/17/2026	12/17/2026	1	1
Franklin_Access_B-04	Roads	Bethany Franklin Access	Bethany	B2	5	04 - Drainage	12/18/2026	12/28/2026	7	5
Franklin_Access_B-05	Roads	Bethany Franklin Access	Bethany	B2	5	05 - Road Base	12/29/2026	1/15/2027	14	5
Franklin_Access_B-06	Roads	Bethany Franklin Access	Bethany	B2	5	06 - Initial Overlay	1/18/2027	1/21/2027	4	4
Franklin_Access_B-07	Roads	Bethany Franklin Access	Bethany	B2	5	07 - Signs and Signals	1/22/2027	1/22/2027	1	1
Franklin_Access_B-08	Roads	Bethany Franklin Access	Bethany	B2	5	08 - Intermediate Overlay	5/21/2030	5/23/2030	3	3
Franklin_Access_B-09	Roads	Bethany Franklin Access	Bethany	B2	5	09 - Final Overlay	2/19/2038	2/23/2038	3	3
Kelso_Access_B-01	Roads	Bethany Kelso Access	Bethany	B2	5	01 - Roadway Excavation	8/19/2026	8/24/2026	4	4
Kelso_Access_B-02	Roads	Bethany Kelso Access	Bethany	B2	5	02 - Embankment	8/25/2026	8/31/2026	5	5
Kelso_Access_B-03	Roads	Bethany Kelso Access	Bethany	B2	5	03 - Culvert Pipe	9/1/2026	9/1/2026	1	1
Kelso_Access_B-04	Roads	Bethany Kelso Access	Bethany	B2	5	04 - Drainage	9/2/2026	9/11/2026	8	5
Kelso_Access_B-05	Roads	Bethany Kelso Access	Bethany	B2	5	05 - Road Base	9/14/2026	9/23/2026	8	5
Kelso_Access_B-06	Roads	Bethany Kelso Access	Bethany	B2	5	06 - Initial Overlay	9/24/2026	10/2/2026	7	5
Kelso_Access_B-07	Roads	Bethany Kelso Access	Bethany	B2	5	07 - Signs and Signals	10/5/2026	10/5/2026	1	1
LowerRobert_Access_B-01	Roads	Bethany Lower Roberts Access	Bethany	B2	5	01 - Roadway Excavation	2/16/2026	3/12/2026	19	5
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	Bethany	B2	5	02 - Road Embankment	3/13/2026	4/21/2026	28	5
LowerRobert_Access_B-03	Roads	Bethany Lower Roberts Access	Bethany	B2	5	03 - Bridge Construction	4/22/2026	11/13/2026	148	5
LowerRobert_Access_B-04	Roads	Bethany Lower Roberts Access	Bethany	B2	5	04 - Culvert Pipe	4/22/2026	4/27/2026	4	4
LowerRobert_Access_B-05	Roads	Bethany Lower Roberts Access	Bethany	B2	5	05 - Road Subdrain System	4/28/2026	6/22/2026	40	5
LowerRobert_Access_B-06	Roads	Bethany Lower Roberts Access	Bethany	B2	5	06 - Road Base	6/23/2026	7/28/2026	26	5
LowerRobert_Access_B-07	Roads	Bethany Lower Roberts Access	Bethany	B2	5	07 - Initial Overlay	11/16/2026	12/18/2026	25	5
LowerRobert_Access_B-08	Roads	Bethany Lower Roberts Access	Bethany	B2	5	08 - Signs and Signals	12/21/2026	12/22/2026	2	2
LowerRobert_Access_B-09	Roads	Bethany Lower Roberts Access	Bethany	B2	5	09 - Intermediate Overlay	4/26/2030	5/23/2030	20	5
LowerRobert_Access_B-10	Roads	Bethany Lower Roberts Access	Bethany	B2	5	10 - Final Overlay	1/21/2038	2/3/2038	10	5
LowerRobert_Levee_B-01	Levees	Bethany Lower Roberts Levee	Bethany	B2	5	Construct Levee improvements	1/12/2028	3/21/2028	50	5
LowerRobert_RailAccess_B-01	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	01 - Mobilization	12/23/2026	12/23/2026	1	1
LowerRobert_RailAccess_B-02	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	02 - Contractor Site Management & Facilities	12/23/2026	6/18/2027	128	5
LowerRobert_RailAccess_B-03	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	03 - Excavate Track Bed	12/23/2026	1/5/2027	10	5
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	04 - Rail Embankment	1/6/2027	2/5/2027	23	5
LowerRobert_RailAccess_B-05	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	05 - Rail Drainage	2/8/2027	3/17/2027	28	5
LowerRobert_RailAccess_B-06	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	06 - Rail Sub-Ballast	3/18/2027	4/1/2027	11	5
LowerRobert_RailAccess_B-07	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	07 - Rail Ballast	4/2/2027	4/19/2027	12	5
LowerRobert_RailAccess_B-08	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	08 - Track	4/20/2027	6/18/2027	44	5
LowerRobert_RailAccess_B-09	Rail	Bethany Lower Roberts Rail Access	Bethany	B2	5	09 - Yard Facilities	6/21/2027	6/21/2027	1	1
LowerRobertOptB2_Shaft_B-01	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	01 - Site Facilities and support - Reach 4	11/17/2027	6/29/2038	2,770	5
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	02 - Mobilize and site Preparation Reach 4	11/17/2027	10/4/2029	492	5
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	03 - Set up Site and Shaft pad Reach 4	2/9/2028	2/8/2029	262	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	05 - Construct Double Shaft	11/8/2028	8/27/2030	470	5
LowerRobertOptB2_Shaft_B-05	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	06 - Site Facilities and support - Reach 3	11/8/2028	5/27/2036	1,970	5
LowerRobertOptB2_Shaft_B-06	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	04 - Mobilize and site Preparation Reach 3	11/8/2028	1/2/2029	40	5
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	07 - Set up Site Reach 3	8/1/2029	6/3/2030	219	5
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	08 - TBM Assembly and Launch - Reach 4	7/12/2030	12/13/2030	111	5
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	09 - TBM Assembly including Shaft Utilities - Reach 3	8/23/2030	7/15/2031	233	5
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	10 - Tunnel Construction - Reach 4	10/2/2030	10/16/2037	1,838	6
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	11 - Tunnel Construction - Reach 3	12/25/2030	3/12/2036	1,361	6
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	12 - Remove TBM and Finsihing - Reach 3	3/13/2036	6/4/2036	60	5
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	13 - Remove TBM and Finsihing - Reach 4	10/19/2037	1/11/2038	61	5
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Bethany	B2	5	14 - Site Restoration	12/24/2037	6/29/2038	134	5
BethReservoir_Access_B-01	Roads	Bethany Reservoir Access	Bethany	B2	5	01 - Roadway Excavation	4/1/2026	5/20/2026	36	5
BethReservoir_Access_B-02	Roads	Bethany Reservoir Access	Bethany	B2	5	02 - Culvert Pipe	5/21/2026	7/3/2026	32	5
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	Bethany	B2	5	03 - Embankment	5/21/2026	7/15/2026	40	5
BethReservoir_Access_B-04	Roads	Bethany Reservoir Access	Bethany	B2	5	04 - Drainage	7/6/2026	7/21/2026	12	5
BethReservoir_Access_B-05	Roads	Bethany Reservoir Access	Bethany	B2	5	05 - Road Base	7/22/2026	8/6/2026	12	5
BethReservoir_Access_B-06	Roads	Bethany Reservoir Access	Bethany	B2	5	06 - Initial Overlay	8/7/2026	8/20/2026	10	5
BethReservoir_Access_B-07	Roads	Bethany Reservoir Access	Bethany	B2	5	07 - Signs and Signals	8/21/2026	8/21/2026	1	1
BethReservoir_Access_B-08	Roads	Bethany Reservoir Access	Bethany	B2	5	08 - Intermediate Overlay	6/19/2030	6/24/2030	4	4
BethReservoir_Access_B-09	Roads	Bethany Reservoir Access	Bethany	B2	5	09 - Final Overlay	5/19/2038	5/24/2038	4	4
BethReservoirOptB2B10-01	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	02 - Mobilization Shaft site - Bethany shafts	10/22/2030	11/12/2030	16	5
BethReservoirOptB2B10-02	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	01 - Contractor Site Management & Facilities - Bethany shafts	10/22/2030	10/12/2035	1,299	5
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	03 - Outlet Cofferdam	11/13/2030	2/18/2031	70	5
BethReservoirOptB2B10-04	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	04 - Dewater Cofferdam	2/19/2031	3/12/2031	16	5
BethReservoirOptB2B10-05	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	05 - Shafts-Outlet Excavation	3/13/2031	4/29/2031	34	5
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	06 - Shaft Excavation	4/29/2031	8/5/2032	333	5
BethReservoirOptB2B10-07	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	08 - Fit Pipe in Shafts	9/27/2033	10/19/2033	17	5
BethReservoirOptB2B10-08	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	07 - Mobilize shaft pipe fitting	9/27/2033	9/30/2033	4	4
BethReservoirOptB2B10-09	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	09 - Backfill Pipes in Bethany outlet Shafts	5/19/2034	5/24/2034	4	4
BethReservoirOptB2B10-10	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	10 - Mobilization Outlet structure	5/24/2034	6/15/2034	17	5
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	12 - Outlet structure	6/15/2034	10/12/2035	347	5
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	11 - Site setup	6/15/2034	8/16/2034	45	5
BethReservoirOptB2B10-13	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	14 - Backfill Outlet Structue	9/10/2035	10/24/2035	33	5
BethReservoirOptB2B10-14	Bethany Reservoir	Bethany Reservoir	Bethany	B2	5	13 - Bridge Work	9/10/2035	10/12/2035	25	5
Union_Access_B-01	Roads	Bethany Union Island Access	Bethany	B2	5	01 - Initial Overlay	2/1/2027	2/16/2027	12	5
Union_Access_B-02	Roads	Bethany Union Island Access	Bethany	B2	5	02 - Intermediate Overlay	6/19/2030	6/24/2030	4	4
Union_Access_B-03	Roads	Bethany Union Island Access	Bethany	B2	5	03 - Final Overlay	1/29/2038	5/13/2038	75	5
UnionOptB2_Shaft_B-01	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	02 - Clear and Grub	1/23/2030	2/12/2030	15	5
UnionOptB2_Shaft_B-02	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	01 - Shaft site facilities and operations	1/23/2030	1/14/2032	516	5
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	03 - Ground treatment	2/13/2030	4/9/2030	40	5
UnionOptB2_Shaft_B-04	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	04 - Raise Shaft Pad	4/10/2030	4/8/2031	260	5
UnionOptB2_Shaft_B-05	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	05 - Excavate, Set Strips, & Place Guide Wall	4/9/2031	4/24/2031	12	5
UnionOptB2_Shaft_B-06	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	06 - Place Guide Walls Concrete	4/25/2031	4/28/2031	2	2
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	07 - Excavate Slurry Wall & Place Concrete & Rebar	4/29/2031	6/5/2031	28	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
UnionOptB2_Shaft_B-08	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	08 - Slurry Wall including Strip Forms and Place Rebar & Top Beam	6/6/2031	7/18/2031	31	5
UnionOptB2_Shaft_B-09	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	09 - Excavate Shaft	7/21/2031	8/27/2031	28	5
UnionOptB2_Shaft_B-10	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	10 - Place Tremie Seal Rebar, Cooling Pipes, & Seal	7/21/2031	9/10/2031	38	7
UnionOptB2_Shaft_B-11	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	11 - Dewater Shaft	9/11/2031	9/17/2031	5	5
UnionOptB2_Shaft_B-12	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	12 - Place TBM Cradle Rebar and Cradle Pour	9/18/2031	9/25/2031	6	5
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	14 - Assemble & Place Buttress, Form, & Concrete for Shaft Liner	9/26/2031	1/6/2032	73	5
UnionOptB2_Shaft_B-14	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	13 - Breakout Slurry Wall for TBM	9/26/2031	10/22/2031	19	5
UnionOptB2_Shaft_B-15	Shafts	Union Island Shaft Alt 5	Bethany	B2	5	15 - Shaft Finishing	1/6/2032	1/14/2032	7	5
UpperJones_Access_B-07	Roads	Bethany Upper Jones Access	Bethany	B2	5	07 - Initial Overlay	1/14/2027	1/20/2027	5	5
UpperJonesOptB2_Shaft_B-01	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	01 - Shaft site facilities and operations	11/8/2028	10/30/2030	516	5
UpperJonesOptB2_Shaft_B-02	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	02 - Clear and Grub	11/8/2028	11/28/2028	15	5
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	03 - Ground Improvement	11/29/2028	1/23/2029	40	5
UpperJonesOptB2_Shaft_B-04	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	04 - Raise Shaft Pad	1/24/2029	1/22/2030	260	5
UpperJonesOptB2_Shaft_B-05	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	05 - Excavate, Set Strips, & Place Guide Wall	1/23/2030	2/7/2030	12	5
UpperJonesOptB2_Shaft_B-06	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	06 - Place Guide Walls Concrete	2/8/2030	2/11/2030	2	2
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	07 - Excavate Slurry Wall & Place Concrete & Rebar	2/12/2030	3/21/2030	28	5
UpperJonesOptB2_Shaft_B-08	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	08 - Slurry Wall including Strip Forms and Place Rebar & Top Beam	3/22/2030	5/3/2030	31	5
UpperJonesOptB2_Shaft_B-09	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	10 - Place Tremie Seal Rebar, Cooling Pipes, & Seal	5/6/2030	6/26/2030	38	7
UpperJonesOptB2_Shaft_B-10	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	09 - Excavate Shaft	5/6/2030	6/12/2030	28	5
UpperJonesOptB2_Shaft_B-11	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	11 - Dewater Shaft	6/27/2030	7/3/2030	5	5
UpperJonesOptB2_Shaft_B-12	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	12 - Place TBM Cradle Rebar and Cradle Pour	7/4/2030	7/11/2030	6	5
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	13 - Assemble & Place Buttress, Form, & Concrete for Shaft Liner	7/12/2030	10/22/2030	73	5
UpperJonesOptB2_Shaft_B-14	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	14 - Breakout Slurry Wall for TBM	7/12/2030	8/7/2030	19	5
UpperJonesOptB2_Shaft_B-15	Shafts	Upper Jones Shaft Alt 5	Bethany	B2	5	15 - Shaft Finishing	10/22/2030	10/30/2030	7	5
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Mobilize, Excavate, & Mobilize	2/2/2026	6/5/2026	90	5
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Embankment	3/12/2026	4/21/2026	29	5
TwinCitiesOptB2_Shaft_B-3	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Subdrain	4/22/2026	6/9/2026	34	5
TwinCitiesOptB2_Shaft_B-4	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Mangagement, Engineering, & Field Labor - Reach 2	3/17/2027	4/9/2037	1,561	3
TwinCitiesOptB2_Shaft_B-5	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Clear and Grub	5/12/2027	7/12/2027	44	5
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Excavation, Grading, & Compaction - Reach 2	7/13/2027	8/4/2028	204	5
TwinCitiesOptB2_Shaft_B-7	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Raise Shaft Pad for Reach 2	9/7/2027	4/3/2028	149	5
TwinCitiesOptB2_Shaft_B-8	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Set Strips, & Concrete for Reach 2	8/16/2027	11/12/2027	65	5
TwinCitiesOptB2_Shaft_B-9	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Place Guide Walls Concrete for Reach 2	4/3/2028	6/20/2028	57	5
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 2	4/27/2028	8/17/2028	81	5
TwinCitiesOptB2_Shaft_B-11	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Place Guide Walls Concrete for Reach 1	8/8/2028	8/30/2028	17	5
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Slurry Wall, Place Concrete & Rebar, Slurry Wall, Remove Guide Wall, & add Top Beam for Reach 1	8/29/2028	1/3/2029	92	5
TwinCitiesOptB2_Shaft_B-13	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Excavate Shaft for Reach 2	1/4/2029	4/4/2029	65	5
TwinCitiesOptB2_Shaft_B-14	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Mangagement, Engineering, & Field Labor - Reach 1	3/21/2029	3/14/2035	1,916	6
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Shaft Setup for Reach 1	3/21/2029	4/18/2029	19	5
TwinCitiesOptB2_Shaft_B-16	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Excavate Shaft for Reach 1	4/4/2029	7/3/2029	65	5
TwinCitiesOptB2_Shaft_B-17	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Place Tremie Seal Rebar, Cooling Pipes, & Seal for Reaches 1 & 2	6/19/2029	7/31/2029	43	7
TwinCitiesOptB2_Shaft_B-18	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Dewater Shaft for Reaches 1 & 2	7/17/2029	8/7/2029	21	7

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
TwinCitiesOptB2_Shaft_B-19	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Place TBM Cradle Rebar and Cradle Pour for Reaches 1 & 2	7/24/2029	8/20/2029	20	5
TwinCitiesOptB2_Shaft_B-20	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Breakout Slurry Wall for TBM for Reaches 1 & 2	8/6/2029	9/17/2029	41	5
TwinCitiesOptB2_Shaft_B-21	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Assemble & Place Buttress, Form, & Concrete for Shaft Liner Reaches 1 & 2	9/3/2029	1/9/2030	93	5
TwinCitiesOptB2_Shaft_B-22	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Erect Gantry Crane for Reaches 1 & 2	11/16/2029	12/11/2029	19	5
TwinCitiesOptB2_Shaft_B-23	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	TBM Assembly including Shaft Utilities for Reach 2	12/10/2029	6/6/2030	105	5
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Tunneling Operations including Equipment Delivery for Reach 2	6/6/2030	12/4/2036	2,064	6
TwinCitiesOptB2_Shaft_B-25	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	TBM Assembly including Shaft Utilities for Reach 1	7/17/2030	12/31/2030	120	5
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Tunneling Operations including Equipment Delivery for Reach 1	11/6/2030	12/28/2034	1,297	6
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Remove TBM and Tunnel Equipment for Reach 1	12/29/2034	2/22/2035	40	5
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Remove TBM and Tunnel Equipment for Reach 2	2/4/2037	4/9/2037	46	5
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Bethany	B2	5	Site Restoration	3/26/2037	9/30/2037	135	5
BethComplexOptB2-01	Bethany Complex	Bethany Complex	Bethany	B2	5	01 - Surge Shaft - Clear and Grub	1/12/2028	1/18/2028	5	5
BethComplexOptB2-02	Bethany Complex	Bethany Complex	Bethany	B2	5	02 - Surge Shaft Site Facilities and support	1/12/2028	2/12/2029	284	5
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Bethany	B2	5	03 - Surge Shaft - Construction	1/19/2028	3/8/2029	297	5
BethComplexOptB2-04	Bethany Complex	Bethany Complex	Bethany	B2	5	04 - Pumping Plant - Mobilization	3/9/2029	5/31/2029	60	5
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Bethany	B2	5	05 - Pumping Plant - Site Operations & Overhead	3/9/2029	7/8/2036	1,913	5
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Bethany	B2	5	06 - Pumping Plant - Temporary Facilities	4/20/2029	2/18/2030	217	5
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Bethany	B2	5	07 - Pumping Plant - Diaphram Walls	7/18/2029	10/8/2030	320	5
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bethany	B2	5	08 - Pumping Plant - Internal Concrete - PP and Conduit	8/27/2030	8/23/2034	1,042	5
BethComplexOptB2-09	Bethany Complex	Bethany Complex	Bethany	B2	5	09 - Surge Basin - Site Facilities & Ops -	10/8/2030	3/16/2038	1,941	5
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Bethany	B2	5	10 - Surge Basin - Excavate -	10/8/2030	1/22/2036	1,381	5
BethComplexOptB2-11	Bethany Complex	Bethany Complex	Bethany	B2	5	11 - Surge Basin - Mobilize	10/8/2030	12/9/2030	45	5
BethComplexOptB2-12	Bethany Complex	Bethany Complex	Bethany	B2	5	12 - Surge Basin - Temporary Facilities	12/10/2030	6/25/2036	1,447	5
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bethany	B2	5	13 - Pumping Plant - Excavate PP & Wet Well Conduit	12/13/2030	8/9/2033	693	5
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Bethany	B2	5	14 - Surge Basin - Diaphragm Walls -	4/25/2031	10/4/2032	377	5
BethComplexOptB2-15	Bethany Complex	Bethany Complex	Bethany	B2	5	15 - Surge Basin - Clear and Grub -	7/22/2031	8/10/2032	276	5
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Bethany	B2	5	16 - Pumping Plant - 15' Dia Bethany Reservoir Pipe to Y	2/14/2035	10/24/2035	181	5
BethComplexOptB2-17	Bethany Complex	Bethany Complex	Bethany	B2	5	17 - Pumping Plant - Install pumps and motors	7/20/2032	8/27/2035	810	5
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Bethany	B2	5	18 - Surge Basin - Base structure	4/20/2033	5/16/2036	803	5
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Bethany	B2	5	19 - Pumping Plant - Excavate Mechanical Room	5/5/2033	8/9/2033	69	5
BethComplexOptB2-20	Bethany Complex	Bethany Complex	Bethany	B2	5	20 - Pumping Plant - Fit out PP metal work	6/1/2033	11/13/2035	640	5
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Bethany	B2	5	21 - Pumping Plant - Drilled Piers for Mechanical Room	7/28/2033	3/17/2034	167	5
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Bethany	B2	5	22 - Pumping Plant - Excavate Electrical Room	8/10/2033	10/13/2033	47	5
BethComplexOptB2-23	Bethany Complex	Bethany Complex	Bethany	B2	5	23 - Pumping Plant - Install bulkhead gate guides - PP	8/10/2033	9/8/2034	283	5
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Bethany	B2	5	24 - Pumping Plant - Concrete - Mechanical room	10/20/2033	6/28/2034	180	5
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Bethany	B2	5	25 - Pumping Plant - Excavate Surge Tank Vault	9/23/2033	2/3/2034	96	5
BethComplexOptB2-26	Bethany Complex	Bethany Complex	Bethany	B2	5	26 - Pumping Plant - Gantry Cranes & Canopies	11/24/2033	3/9/2034	76	5
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Bethany	B2	5	27 - Pumping Plant - Concrete - Surge Tank & valve Vault	3/8/2034	12/28/2034	212	5
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Bethany	B2	5	28 - Pumping Plant - Pump Plant MCC/ Electrical Bldg.	5/19/2034	5/23/2035	264	5
BethComplexOptB2-29	Bethany Complex	Bethany Complex	Bethany	B2	5	29 - Pumping Plant - HVAC Systems	6/28/2034	10/30/2035	350	5
BethComplexOptB2-30	Bethany Complex	Bethany Complex	Bethany	B2	5	30 - Pumping Plant - Wet Well Pumps	7/19/2034	8/11/2034	18	5
BethComplexOptB2-31	Bethany Complex	Bethany Complex	Bethany	B2	5	31 - Pumping Plant - Elevators	7/27/2034	12/13/2034	100	5
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Bethany	B2	5	32 - Pumping Plant - Equipment Storage Bldg	8/25/2034	8/24/2035	261	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Bethany	B2	5	33 - Pumping Plant - Storage Area & Yards	9/15/2034	5/14/2035	172	5
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Bethany	B2	5	34 - Pumping Plant - Generator Bldg.	9/20/2034	12/4/2034	54	5
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Bethany	B2	5	35 - Pumping Plant - Substation & Elec. Distribution	9/21/2034	3/23/2035	132	5
BethComplexOptB2-36	Bethany Complex	Bethany Complex	Bethany	B2	5	36 - Pumping Plant - Remove Section of Diphram Walls - WW Pipe, Elec, Conduit	9/26/2034	12/1/2034	49	5
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Bethany	B2	5	37 - Pumping Plant - Electrical	11/20/2034	7/8/2036	427	5
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Bethany	B2	5	38 - Pumping Plant - Install steel pipes & Valves	11/6/2034	5/8/2036	394	5
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Bethany	B2	5	39 - Pumping Plant - Electrical & SCADA	2/7/2035	6/12/2035	90	5
BethComplexOptB2-40	Bethany Complex	Bethany Complex	Bethany	B2	5	40 - Surge Basin - Install wet well Conduit stop log guides	12/11/2035	2/6/2036	42	5
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Bethany	B2	5	41 - Pumping Plant - Site Finishing	10/25/2035	6/25/2036	175	5
BethComplexOptB2-42	Bethany Complex	Bethany Complex	Bethany	B2	5	42 - Surge Basin - Site Finishing -	5/19/2036	6/25/2036	28	5
BethComplexOptB2-43	Bethany Complex	Bethany Complex	Bethany	B2	5	43 - Surge Shaft - Remove TBM and Tunnel Equipment - Reach 4	8/18/2037	10/6/2037	36	5
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Bethany	B2	5	44 - Surge Basin - Construct bridge and Gantry Crane	10/7/2037	3/16/2038	115	5
KingIslandOptB2_Shaft_B-1	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Clear and Grub	1/3/2029	1/23/2029	15	5
KingIslandOptB2_Shaft_B-2	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Ground Improvement	2/14/2029	3/20/2029	25	5
KingIslandOptB2_Shaft_B-3	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Raise Shaft Pad	3/21/2029	3/19/2030	260	5
KingIslandOptB2_Shaft_B-4	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Excavate, Set Strips, & Place Guide Wall	3/20/2030	4/5/2030	13	5
KingIslandOptB2_Shaft_B-5	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Place Guide Walls Concrete	4/8/2030	4/11/2030	4	4
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Excavate Slurry Wall & Place Concrete & Rebar	4/9/2030	6/1/2030	39	7
KingIslandOptB2_Shaft_B-7	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Slurry Wall including Strip Forms and Place Rebar & Top Beam	5/17/2030	7/16/2030	43	7
KingIslandOptB2_Shaft_B-8	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Excavate Shaft	7/1/2030	8/20/2030	37	7
KingIslandOptB2_Shaft_B-9	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Place Tremie Seal Rebar, Cooling Pipes, & Seal	8/8/2030	8/26/2030	13	7
KingIslandOptB2_Shaft_B-10	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Dewater Shaft	8/22/2030	8/30/2030	7	7
KingIslandOptB2_Shaft_B-11	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Place TBM Cradle Rebar and Cradle Pour	8/29/2030	9/5/2030	6	5
KingIslandOptB2_Shaft_B-12	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Breakout Slurry Wall for TBM	9/6/2030	10/2/2030	19	5
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	9/6/2030	12/16/2030	72	5
KingIslandOptB2_Shaft_B-14	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Place Shaft Cover	12/26/2030	1/3/2031	7	5
KingIslandOptB2_Shaft_B-15	Shafts	King Island Shaft Alt 5	Bethany	B2	5	Maintenance	2/12/2036	3/12/2036	22	5
TerminousOptB2_Shaft_B-1	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Clear and Grub	3/20/2030	3/26/2030	5	5
TerminousOptB2_Shaft_B-2	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Ground Improvement	3/27/2030	4/16/2030	15	5
TerminousOptB2_Shaft_B-3	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Raise Shaft Pad	9/18/2030	7/10/2031	212	5
TerminousOptB2_Shaft_B-4	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Excavate, Set Strips, & Place Guide Wall	7/11/2031	7/21/2031	7	1
TerminousOptB2_Shaft_B-5	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Place Guide Walls Concrete	7/29/2031	7/30/2031	2	2
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Excavate Slurry Wall & Place Concrete & Rebar	7/31/2031	9/8/2031	40	7
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Slurry Wall including Strip Forms and Place Rebar & Top Beam	9/9/2031	10/21/2031	43	7
TerminousOptB2_Shaft_B-8	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Excavate Shaft	10/22/2031	6/2/2032	225	7
TerminousOptB2_Shaft_B-9	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Place Tremie Seal Rebar, Cooling Pipes, & Seal	10/22/2031	12/18/2031	58	7
TerminousOptB2_Shaft_B-10	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Dewater Shaft	12/19/2031	12/25/2031	7	7
TerminousOptB2_Shaft_B-11	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Place TBM Cradle Rebar and Cradle Pour	12/26/2031	1/2/2032	6	5
TerminousOptB2_Shaft_B-12	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Breakout Slurry Wall for TBM	1/5/2032	1/29/2032	19	5
TerminousOptB2_Shaft_B-13	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Assemble & Place Buttress, Form, & Concrete for Shaft Liner	1/30/2032	3/11/2032	30	5
TerminousOptB2_Shaft_B-14	Shafts	Terminous Shaft Alt 5	Bethany	B2	5	Place Shaft Cover	5/2/2036	5/9/2036	5	5
GT_15_OL	Geotechnical Investigation	15' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
GT_75_OL	Geotechnical Investigation	50'-75' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_150_OL	Geotechnical Investigation	125'-150' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_200_OL	Geotechnical Investigation	175'-200' Borings On Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_CPT_OL	Geotechnical Investigation	CPT on Land	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_OW	Geotechnical Investigation	Over Water Borings	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_CPT_OW	Geotechnical Investigation	Over Water CPT	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_TW	Geotechnical Investigation	Test Well	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_PT	Geotechnical Investigation	Pumping Test	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_Mon	Geotechnical Investigation	Monument	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_30_TT	Geotechnical Investigation	Test trench (30 ft)	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_1000_TT	Geotechnical Investigation	Test trench (1000 ft)	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_TF	Geotechnical Investigation	Test fills	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_GI	Geotechnical Investigation	Ground Improvement	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_TP	Geotechnical Investigation	Test Pile	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_Air_Mag	Geotechnical Investigation	Airborne Magnetic Survey	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_Wlk_Mag	Geotechnical Investigation	Walk-Over Magnetic Survey	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_Land	Geotechnical Investigation	Geophysical Survey Land-Based	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
GT_Pothole	Geotechnical Investigation	Utility Potholing	Central, Eastern, Bethany	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B, B2	1, 2a, 2b, 2c, 3, 4a, 4b, 4c, 5	Geotechnical Investigation	1/1/2024	12/31/2025	Varies [b]	5
CM_Pond-1	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Vegetation Clearing (Pond 6, Year 1)	3/1/2026	3/10/2026	7	5
CM_Pond-2	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Onsite Wet Cut & Fill (Pond 6, Year 1)	3/11/2026	4/28/2026	34	5
CM_Pond-3	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Wet Cut, Hwy Transport & Fill (Pond 6, Year 1)	4/29/2026	8/12/2026	76	5
CM_Pond-4	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Vegetation Clearing (Pond 7 & 8, Year 1)	8/13/2026	8/13/2026	1	1
CM_Pond-5	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Onsite Wet Cut & Fill (Pond 7 & 8, Year 1)	8/14/2026	9/30/2026	33	5
CM_Pond-6	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Vegetation Clearing (Pond 7 & 8, Year 2)	3/1/2027	3/4/2027	3	4
CM_Pond-7	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Onsite Wet Cut & Fill (Pond 7 & 8, Year 2)	3/5/2027	10/5/2027	153	5

Code	Feature Category	Feature	Alignment	Option(s)	Alternative(s)	Phase	Start Date [a]	End Date [a]	Working Days	Days/ Week
CM_Pond-8	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Wet Cut, Hwy Transport & Fill (Pond 7 & 8, Year 3)	5/1/2028	5/2/2028	1	1
CM_Pond-9	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Revegetation (All sites, Year 3)	5/3/2028	5/4/2028	1	1
CM_Pond-10	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Site Preparation for Riparian/Grasslands (All sites, Year 3)	5/5/2028	5/12/2028	5	5
CM_Pond-11	Compensatory Mitigation	I-5 Ponds	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Drill Seeding for Riparian/Grasslands (All sites, Year 3)	5/13/2028	5/17/2028	3	3
CM_Bouldin-1	Compensatory Mitigation	Bouldin Island	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Vegetation Clearing (75% of Freshwater Marsh, 16% Riparian, 50% Seasonal Wetland Year 1)	3/1/2026	3/5/2026	5	5
CM_Bouldin-2	Compensatory Mitigation	Bouldin Island	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Onsite Dry Cut & Fill (75% of Freshwater Marsh, 16% Riparian, 50% Seasonal Wetland Year 1)	3/6/2026	5/20/2026	53	5
CM_Bouldin-3	Compensatory Mitigation	Bouldin Island	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Vegetation Clearing (25% of Freshwater Marsh + 100% Open Water + 90% Riparian + 50% Seasonal Wetland, Year 2)	3/1/2027	3/2/2027	1	1
CM_Bouldin-4	Compensatory Mitigation	Bouldin Island	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Onsite Dry Cut & Fill (25% of Freshwater Marsh, 43% Riparian, 50% Seasonal Wetland Year 2)	3/3/2027	3/29/2027	19	4
CM_Bouldin-5	Compensatory Mitigation	Bouldin Island	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Onsite Wet Cut & Fill (100% open water, 41% Riparian Year 2)	3/30/2027	5/3/2027	25	5
CM_Bouldin-6	Compensatory Mitigation	Bouldin Island	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Site Prep for Planting Grassland (disking, Year 2)	5/4/2027	5/17/2027	9	4
CM_Bouldin-7	Compensatory Mitigation	Bouldin Island	Central, Eastern	1B, 2B, 5B, 6B, 7B, 8B, 9B, 10B	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	Drill Seeding for Seasonal Wetland and Grassland (Year 2)	5/18/2027	5/26/2027	6	5

[a] Based on current information, it is anticipated that preliminary field investigations would begin at the earliest in 2025, with construction of the project beginning about two years later. However, based on information available at the time of the CEQA analysis modeling, emissions were quantified assuming preliminary field investigations would begin in 2024 and project construction in 2026. It is projected that the emissions intensity of equipment and vehicle operation in 2027 would be lower than under 2026 conditions because of improvements in engine technology and regulations to reduce combustion emissions. Accordingly, the construction analysis reflects a conservative representation of emissions

[b] 15' Borings On Land would require 1 day per bore. 50'-75' Borings On Land and CPT on Land would require 2 days per bore. 125'-150' Borings On Land would require 4 days per bore. 175'-200' Borings On Land would require 7 days per bore. Over Water Borings would require 9 days per bore. Over Water CPT would require 5 days per bore.

Table 23B-4. Construction Assumptions—Off-Road Equipment

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt1_Shaft_C-1	Shafts	New Hope Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
NewHopeOpt1_Shaft_C-1	Shafts	New Hope Shaft Alt 1	CAT Grader 16H -16' Blade	Graders	1	285	0.41	Diesel
NewHopeOpt1_Shaft_C-1	Shafts	New Hope Shaft Alt 1	623G Scraper Elevate 21 CY	Scrapers	2	359	0.48	Diesel
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	DMM Deep Soil Mixer	Trenchers	17	808	0.50	Diesel
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	DMM Grout Mix Plant	Other General Industrial Equipment	17	500	0.34	Diesel
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	Portable 90 Kw Diesel	Generator Sets	17	158	0.74	Diesel
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	Case 590 SupN Loader	Rubber Tired Loaders	17	110	0.36	Diesel
NewHopeOpt1_Shaft_C-2	Shafts	New Hope Shaft Alt 1	Water Pump 4" Electric	Pumps	17	10	0.74	Diesel
NewHopeOpt1_Shaft_C-3	Shafts	New Hope Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
NewHopeOpt1_Shaft_C-3	Shafts	New Hope Shaft Alt 1	CAT Grader 16H	Graders	11	285	0.41	Diesel
NewHopeOpt1_Shaft_C-3	Shafts	New Hope Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
NewHopeOpt1_Shaft_C-4	Shafts	New Hope Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
NewHopeOpt1_Shaft_C-4	Shafts	New Hope Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	14	350	0.29	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	7	8	0.56	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	Slurry Wall Techniwell	Pumps	7	500	0.74	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
NewHopeOpt1_Shaft_C-7	Shafts	New Hope Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
NewHopeOpt1_Shaft_C-7	Shafts	New Hope Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt1_Shaft_C-8	Shafts	New Hope Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt1_Shaft_C-9	Shafts	New Hope Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
NewHopeOpt1_Shaft_C-9	Shafts	New Hope Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
NewHopeOpt1_Shaft_C-9	Shafts	New Hope Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
NewHopeOpt1_Shaft_C-10	Shafts	New Hope Shaft Alt 1	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
NewHopeOpt1_Shaft_C-10	Shafts	New Hope Shaft Alt 1	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
NewHopeOpt1_Shaft_C-10	Shafts	New Hope Shaft Alt 1	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
NewHopeOpt1_Shaft_C-11	Shafts	New Hope Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt1_Shaft_C-11	Shafts	New Hope Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt1_Shaft_C-11	Shafts	New Hope Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt1_Shaft_C-12	Shafts	New Hope Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
NewHopeOpt1_Shaft_C-12	Shafts	New Hope Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
NewHopeOpt1_Shaft_C-14	Shafts	New Hope Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
NewHopeOpt1_Shaft_C-14	Shafts	New Hope Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt1_Shaft_C-14	Shafts	New Hope Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
StatenIslandOpt1_Shaft_C-1	Shafts	Staten Island Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	13	328	0.43	Diesel
StatenIslandOpt1_Shaft_C-1	Shafts	Staten Island Shaft Alt 1	CAT Grader 16H -16' Blade	Graders	13	285	0.41	Diesel
StatenIslandOpt1_Shaft_C-1	Shafts	Staten Island Shaft Alt 1	623G Scraper Elevate 21 CY	Scrapers	27	359	0.48	Diesel
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	Air Compressor 375 CFM	Air Compressors	40	122	0.48	Diesel
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	Grove RT Crane 30T	Cranes	40	160	0.29	Diesel
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	DMM Deep Soil Mixer	Trenchers	40	808	0.50	Diesel
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	DMM Grout Mix Plant	Other General Industrial Equipment	40	500	0.34	Diesel
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	Portable 90 Kw Diesel	Generator Sets	40	158	0.74	Diesel
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	Case 590 SupN Loader	Rubber Tired Loaders	40	110	0.36	Diesel
StatenIslandOpt1_Shaft_C-2	Shafts	Staten Island Shaft Alt 1	Water Pump 4" Electric	Pumps	40	10	0.74	Diesel
StatenIslandOpt1_Shaft_C-3	Shafts	Staten Island Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
StatenIslandOpt1_Shaft_C-3	Shafts	Staten Island Shaft Alt 1	CAT Grader 16H	Graders	11	285	0.41	Diesel
StatenIslandOpt1_Shaft_C-3	Shafts	Staten Island Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
StatenIslandOpt1_Shaft_C-4	Shafts	Staten Island Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
StatenIslandOpt1_Shaft_C-4	Shafts	Staten Island Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
StatenIslandOpt1_Shaft_C-7	Shafts	Staten Island Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
StatenIslandOpt1_Shaft_C-7	Shafts	Staten Island Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
StatenIslandOpt1_Shaft_C-8	Shafts	Staten Island Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
StatenIslandOpt1_Shaft_C-9	Shafts	Staten Island Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
StatenIslandOpt1_Shaft_C-9	Shafts	Staten Island Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
StatenIslandOpt1_Shaft_C-9	Shafts	Staten Island Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
StatenIslandOpt1_Shaft_C-10	Shafts	Staten Island Shaft Alt 1	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
StatenIslandOpt1_Shaft_C-10	Shafts	Staten Island Shaft Alt 1	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
StatenIslandOpt1_Shaft_C-10	Shafts	Staten Island Shaft Alt 1	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
StatenIslandOpt1_Shaft_C-11	Shafts	Staten Island Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
StatenIslandOpt1_Shaft_C-11	Shafts	Staten Island Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
StatenIslandOpt1_Shaft_C-11	Shafts	Staten Island Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
StatenIslandOpt1_Shaft_C-12	Shafts	Staten Island Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
StatenIslandOpt1_Shaft_C-12	Shafts	Staten Island Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
StatenIslandOpt1_Shaft_C-13	Shafts	Staten Island Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
StatenIslandOpt1_Shaft_C-13	Shafts	Staten Island Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
StatenIslandOpt1_Shaft_C-13	Shafts	Staten Island Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	9	200	0.74	Diesel
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
StatenIslandOpt1_Shaft_C-15	Shafts	Staten Island Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
StatenIslandOpt1_Shaft_C-15	Shafts	Staten Island Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
StatenIslandOpt1_Shaft_C-15	Shafts	Staten Island Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
MandIslandOpt1_Shaft_C-1	Shafts	Mandeville Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
MandIslandOpt1_Shaft_C-1	Shafts	Mandeville Shaft Alt 1	CAT Grader 16H -16' Blade	Graders	2	285	0.41	Diesel
MandIslandOpt1_Shaft_C-1	Shafts	Mandeville Shaft Alt 1	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	Air Compressor 375 CFM	Air Compressors	13	122	0.48	Diesel
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	Grove RT Crane 30T	Cranes	13	160	0.29	Diesel
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	DMM Deep Soil Mixer	Trenchers	13	808	0.50	Diesel
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	DMM Grout Mix Plant	Other General Industrial Equipment	13	500	0.34	Diesel
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	Portable 90 Kw Diesel	Generator Sets	13	158	0.74	Diesel
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	Case 590 SupN Loader	Rubber Tired Loaders	13	110	0.36	Diesel
MandIslandOpt1_Shaft_C-2	Shafts	Mandeville Shaft Alt 1	Water Pump 4" Electric	Pumps	13	10	0.74	Diesel
MandIslandOpt1_Shaft_C-3	Shafts	Mandeville Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
MandIslandOpt1_Shaft_C-3	Shafts	Mandeville Shaft Alt 1	CAT Grader 16H	Graders	8	285	0.41	Diesel
MandIslandOpt1_Shaft_C-3	Shafts	Mandeville Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
MandIslandOpt1_Shaft_C-4	Shafts	Mandeville Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
MandIslandOpt1_Shaft_C-4	Shafts	Mandeville Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
MandIslandOpt1_Shaft_C-7	Shafts	Mandeville Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
MandIslandOpt1_Shaft_C-7	Shafts	Mandeville Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
MandIslandOpt1_Shaft_C-7	Shafts	Mandeville Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
MandIslandOpt1_Shaft_C-8	Shafts	Mandeville Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
MandIslandOpt1_Shaft_C-9	Shafts	Mandeville Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
MandIslandOpt1_Shaft_C-9	Shafts	Mandeville Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
MandIslandOpt1_Shaft_C-9	Shafts	Mandeville Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
MandIslandOpt1_Shaft_C-10	Shafts	Mandeville Shaft Alt 1	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
MandIslandOpt1_Shaft_C-10	Shafts	Mandeville Shaft Alt 1	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
MandIslandOpt1_Shaft_C-10	Shafts	Mandeville Shaft Alt 1	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
MandIslandOpt1_Shaft_C-11	Shafts	Mandeville Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
MandIslandOpt1_Shaft_C-11	Shafts	Mandeville Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
MandIslandOpt1_Shaft_C-11	Shafts	Mandeville Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
MandIslandOpt1_Shaft_C-12	Shafts	Mandeville Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
MandIslandOpt1_Shaft_C-12	Shafts	Mandeville Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
MandIslandOpt1_Shaft_C-14	Shafts	Mandeville Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
MandIslandOpt1_Shaft_C-14	Shafts	Mandeville Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
MandIslandOpt1_Shaft_C-14	Shafts	Mandeville Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
NewHopeOpt2_Shaft_E-1	Shafts	New Hope Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	16	328	0.43	Diesel
NewHopeOpt2_Shaft_E-1	Shafts	New Hope Shaft Alt 3	CAT Grader 16H -16' Blade	Graders	16	285	0.41	Diesel
NewHopeOpt2_Shaft_E-1	Shafts	New Hope Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	31	359	0.48	Diesel
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	DMM Deep Soil Mixer	Trenchers	17	808	0.50	Diesel
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	DMM Grout Mix Plant	Other General Industrial Equipment	17	500	0.34	Diesel
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	Portable 90 Kw Diesel	Generator Sets	17	158	0.74	Diesel
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	Case 590 SupN Loader	Rubber Tired Loaders	17	110	0.36	Diesel
NewHopeOpt2_Shaft_E-2	Shafts	New Hope Shaft Alt 3	Water Pump 4" Electric	Pumps	17	10	0.74	Diesel
NewHopeOpt2_Shaft_E-3	Shafts	New Hope Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
NewHopeOpt2_Shaft_E-3	Shafts	New Hope Shaft Alt 3	CAT Grader 16H	Graders	8	285	0.41	Diesel
NewHopeOpt2_Shaft_E-3	Shafts	New Hope Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
NewHopeOpt2_Shaft_E-4	Shafts	New Hope Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
NewHopeOpt2_Shaft_E-4	Shafts	New Hope Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
NewHopeOpt2_Shaft_E-7	Shafts	New Hope Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
NewHopeOpt2_Shaft_E-7	Shafts	New Hope Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt2_Shaft_E-7	Shafts	New Hope Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	13	138	0.38	Diesel
NewHopeOpt2_Shaft_E-8	Shafts	New Hope Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt2_Shaft_E-9	Shafts	New Hope Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
NewHopeOpt2_Shaft_E-9	Shafts	New Hope Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
NewHopeOpt2_Shaft_E-9	Shafts	New Hope Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
NewHopeOpt2_Shaft_E-10	Shafts	New Hope Shaft Alt 3	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
NewHopeOpt2_Shaft_E-10	Shafts	New Hope Shaft Alt 3	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
NewHopeOpt2_Shaft_E-10	Shafts	New Hope Shaft Alt 3	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
NewHopeOpt2_Shaft_E-11	Shafts	New Hope Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt2_Shaft_E-11	Shafts	New Hope Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt2_Shaft_E-11	Shafts	New Hope Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt2_Shaft_E-12	Shafts	New Hope Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
NewHopeOpt2_Shaft_E-12	Shafts	New Hope Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt2_Shaft_E-13	Shafts	New Hope Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
NewHopeOpt2_Shaft_E-13	Shafts	New Hope Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
NewHopeOpt2_Shaft_E-13	Shafts	New Hope Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
NewHopeOpt2_Shaft_E-13	Shafts	New Hope Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
NewHopeOpt2_Shaft_E-13	Shafts	New Hope Shaft Alt 3	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
NewHopeOpt2_Shaft_E-14	Shafts	New Hope Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
NewHopeOpt2_Shaft_E-14	Shafts	New Hope Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
NewHopeOpt2_Shaft_E-14	Shafts	New Hope Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
CanalRanchOpt2_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
CanalRanchOpt2_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 3	CAT Grader 16H -16' Blade	Graders	8	285	0.41	Diesel
CanalRanchOpt2_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	17	359	0.48	Diesel
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	Air Compressor 375 CFM	Air Compressors	1	122	0.48	Diesel
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	DMM Deep Soil Mixer	Trenchers	1	808	0.50	Diesel
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	DMM Grout Mix Plant	Other General Industrial Equipment	1	500	0.34	Diesel
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	Portable 90 Kw Diesel	Generator Sets	1	158	0.74	Diesel
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	Case 590 SupN Loader	Rubber Tired Loaders	1	110	0.36	Diesel
CanalRanchOpt2_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 3	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
CanalRanchOpt2_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
CanalRanchOpt2_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 3	CAT Grader 16H	Graders	4	285	0.41	Diesel
CanalRanchOpt2_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
CanalRanchOpt2_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
CanalRanchOpt2_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
CanalRanchOpt2_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
CanalRanchOpt2_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
CanalRanchOpt2_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
CanalRanchOpt2_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
CanalRanchOpt2_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
CanalRanchOpt2_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
CanalRanchOpt2_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
CanalRanchOpt2_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 3	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
CanalRanchOpt2_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 3	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
CanalRanchOpt2_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 3	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
CanalRanchOpt2_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
CanalRanchOpt2_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
CanalRanchOpt2_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	10	200	0.74	Diesel
CanalRanchOpt2_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
CanalRanchOpt2_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
CanalRanchOpt2_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
CanalRanchOpt2_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
CanalRanchOpt2_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
CanalRanchOpt2_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
CanalRanchOpt2_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 3	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
CanalRanchOpt2_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	50	85	0.29	Diesel
CanalRanchOpt2_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	50	300	0.29	Diesel
CanalRanchOpt2_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	50	63	0.31	Diesel
TerminousOpt2_Shaft_E-1	Shafts	Terminous Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TerminousOpt2_Shaft_E-1	Shafts	Terminous Shaft Alt 3	CAT Grader 16H -16' Blade	Graders	6	285	0.41	Diesel
TerminousOpt2_Shaft_E-1	Shafts	Terminous Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	12	359	0.48	Diesel
TerminousOpt2_Shaft_E-3	Shafts	Terminous Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
TerminousOpt2_Shaft_E-3	Shafts	Terminous Shaft Alt 3	CAT Grader 16H	Graders	7	285	0.41	Diesel
TerminousOpt2_Shaft_E-3	Shafts	Terminous Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
TerminousOpt2_Shaft_E-4	Shafts	Terminous Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
TerminousOpt2_Shaft_E-4	Shafts	Terminous Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	Hydraulic Excavator to 3.5	Excavators	5	350	0.38	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
TerminousOpt2_Shaft_E-8	Shafts	Terminous Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TerminousOpt2_Shaft_E-9	Shafts	Terminous Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TerminousOpt2_Shaft_E-9	Shafts	Terminous Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TerminousOpt2_Shaft_E-9	Shafts	Terminous Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
TerminousOpt2_Shaft_E-10	Shafts	Terminous Shaft Alt 3	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
TerminousOpt2_Shaft_E-10	Shafts	Terminous Shaft Alt 3	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
TerminousOpt2_Shaft_E-10	Shafts	Terminous Shaft Alt 3	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
TerminousOpt2_Shaft_E-11	Shafts	Terminous Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
TerminousOpt2_Shaft_E-11	Shafts	Terminous Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
TerminousOpt2_Shaft_E-11	Shafts	Terminous Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TerminousOpt2_Shaft_E-12	Shafts	Terminous Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
TerminousOpt2_Shaft_E-12	Shafts	Terminous Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
TerminousOpt2_Shaft_E-13	Shafts	Terminous Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	23	75	0.48	Diesel
TerminousOpt2_Shaft_E-13	Shafts	Terminous Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	11	200	0.74	Diesel
TerminousOpt2_Shaft_E-13	Shafts	Terminous Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
TerminousOpt2_Shaft_E-13	Shafts	Terminous Shaft Alt 3	Manitowoc 999-275 Ton Crane	Cranes	10	900	0.29	Diesel
TerminousOpt2_Shaft_E-14	Shafts	Terminous Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
TerminousOpt2_Shaft_E-14	Shafts	Terminous Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
TerminousOpt2_Shaft_E-14	Shafts	Terminous Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
KingIslandOpt2_Shaft_E-1	Shafts	King Island Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
KingIslandOpt2_Shaft_E-1	Shafts	King Island Shaft Alt 3	CAT Grader 16H -16' Blade	Graders	1	285	0.41	Diesel
KingIslandOpt2_Shaft_E-1	Shafts	King Island Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	3	359	0.48	Diesel
KingIslandOpt2_Shaft_E-3	Shafts	King Island Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
KingIslandOpt2_Shaft_E-3	Shafts	King Island Shaft Alt 3	CAT Grader 16H	Graders	7	285	0.41	Diesel
KingIslandOpt2_Shaft_E-3	Shafts	King Island Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
KingIslandOpt2_Shaft_E-4	Shafts	King Island Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
KingIslandOpt2_Shaft_E-4	Shafts	King Island Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
KingIslandOpt2_Shaft_E-7	Shafts	King Island Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
KingIslandOpt2_Shaft_E-7	Shafts	King Island Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
KingIslandOpt2_Shaft_E-7	Shafts	King Island Shaft Alt 3	Hydraulic Excavator to 3.5	Excavators	5	350	0.38	Diesel
KingIslandOpt2_Shaft_E-7	Shafts	King Island Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
KingIslandOpt2_Shaft_E-8	Shafts	King Island Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt2_Shaft_E-9	Shafts	King Island Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
KingIslandOpt2_Shaft_E-9	Shafts	King Island Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
KingIslandOpt2_Shaft_E-9	Shafts	King Island Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
KingIslandOpt2_Shaft_E-10	Shafts	King Island Shaft Alt 3	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
KingIslandOpt2_Shaft_E-10	Shafts	King Island Shaft Alt 3	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
KingIslandOpt2_Shaft_E-10	Shafts	King Island Shaft Alt 3	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
KingIslandOpt2_Shaft_E-11	Shafts	King Island Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt2_Shaft_E-11	Shafts	King Island Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
KingIslandOpt2_Shaft_E-11	Shafts	King Island Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
KingIslandOpt2_Shaft_E-12	Shafts	King Island Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
KingIslandOpt2_Shaft_E-12	Shafts	King Island Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt2_Shaft_E-13	Shafts	King Island Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
KingIslandOpt2_Shaft_E-13	Shafts	King Island Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
KingIslandOpt2_Shaft_E-13	Shafts	King Island Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
KingIslandOpt2_Shaft_E-13	Shafts	King Island Shaft Alt 3	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
KingIslandOpt2_Shaft_E-13	Shafts	King Island Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
KingIslandOpt2_Shaft_E-14	Shafts	King Island Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
KingIslandOpt2_Shaft_E-14	Shafts	King Island Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
KingIslandOpt2_Shaft_E-14	Shafts	King Island Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
UpperJonesOpt2_Shaft_E-1	Shafts	Upper Jones Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
UpperJonesOpt2_Shaft_E-1	Shafts	Upper Jones Shaft Alt 3	CAT Grader 16H -16' Blade	Graders	2	285	0.41	Diesel
UpperJonesOpt2_Shaft_E-1	Shafts	Upper Jones Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	3	359	0.48	Diesel
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	Air Compressor 375 CFM	Air Compressors	19	122	0.48	Diesel
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	Grove RT Crane 30T	Cranes	19	160	0.29	Diesel
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	DMM Deep Soil Mixer	Trenchers	19	808	0.50	Diesel
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	DMM Grout Mix Plant	Other General Industrial Equipment	19	500	0.34	Diesel
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	Portable 90 Kw Diesel	Generator Sets	19	158	0.74	Diesel
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	Case 590 SupN Loader	Rubber Tired Loaders	19	110	0.36	Diesel
UpperJonesOpt2_Shaft_E-2	Shafts	Upper Jones Shaft Alt 3	Water Pump 4" Electric	Pumps	19	10	0.74	Diesel
UpperJonesOpt2_Shaft_E-3	Shafts	Upper Jones Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
UpperJonesOpt2_Shaft_E-3	Shafts	Upper Jones Shaft Alt 3	CAT Grader 16H	Graders	6	285	0.41	Diesel
UpperJonesOpt2_Shaft_E-3	Shafts	Upper Jones Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
UpperJonesOpt2_Shaft_E-4	Shafts	Upper Jones Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
UpperJonesOpt2_Shaft_E-4	Shafts	Upper Jones Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
UpperJonesOpt2_Shaft_E-7	Shafts	Upper Jones Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
UpperJonesOpt2_Shaft_E-7	Shafts	Upper Jones Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
UpperJonesOpt2_Shaft_E-7	Shafts	Upper Jones Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
UpperJonesOpt2_Shaft_E-8	Shafts	Upper Jones Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UpperJonesOpt2_Shaft_E-9	Shafts	Upper Jones Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
UpperJonesOpt2_Shaft_E-9	Shafts	Upper Jones Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
UpperJonesOpt2_Shaft_E-9	Shafts	Upper Jones Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
UpperJonesOpt2_Shaft_E-10	Shafts	Upper Jones Shaft Alt 3	Dewater Pump 6"	Pumps	50	50	0.74	Diesel
UpperJonesOpt2_Shaft_E-10	Shafts	Upper Jones Shaft Alt 3	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
UpperJonesOpt2_Shaft_E-10	Shafts	Upper Jones Shaft Alt 3	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
UpperJonesOpt2_Shaft_E-11	Shafts	Upper Jones Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
UpperJonesOpt2_Shaft_E-11	Shafts	Upper Jones Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOpt2_Shaft_E-11	Shafts	Upper Jones Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UpperJonesOpt2_Shaft_E-12	Shafts	Upper Jones Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
UpperJonesOpt2_Shaft_E-12	Shafts	Upper Jones Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UpperJonesOpt2_Shaft_E-13	Shafts	Upper Jones Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
UpperJonesOpt2_Shaft_E-13	Shafts	Upper Jones Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
UpperJonesOpt2_Shaft_E-13	Shafts	Upper Jones Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	10	200	0.74	Diesel
UpperJonesOpt2_Shaft_E-13	Shafts	Upper Jones Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
UpperJonesOpt2_Shaft_E-13	Shafts	Upper Jones Shaft Alt 3	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
UpperJonesOpt2_Shaft_E-14	Shafts	Upper Jones Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
UpperJonesOpt2_Shaft_E-14	Shafts	Upper Jones Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
UpperJonesOpt2_Shaft_E-14	Shafts	Upper Jones Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
BouldinOpt1_Shaft_C-1	Shafts	Bouldin Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
BouldinOpt1_Shaft_C-1	Shafts	Bouldin Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
BouldinOpt1_Shaft_C-1	Shafts	Bouldin Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
BouldinOpt1_Shaft_C-3	Shafts	Bouldin Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	54	328	0.43	Diesel
BouldinOpt1_Shaft_C-3	Shafts	Bouldin Shaft Alt 1	Grader 16H -16' Blade	Graders	54	285	0.41	Diesel
BouldinOpt1_Shaft_C-3	Shafts	Bouldin Shaft Alt 1	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	Air Compressor 375 CFM	Air Compressors	23	122	0.48	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	Grove RT Crane 30T	Cranes	23	160	0.29	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	DMM Deep Soil Mixer	Trenchers	23	808	0.50	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	DMM Grout Mix Plant	Other General Industrial Equipment	23	500	0.34	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	Portable 90 Kw Diesel	Generator Sets	23	158	0.74	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	Case 590 SupN Loader	Rubber Tired Loaders	23	110	0.36	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	Water Pump 4" Electric	Pumps	23	10	0.74	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	CAT 825H Compactor	Rollers	<1	315	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	<1	145	0.38	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	CAT Grader 16H	Graders	<1	285	0.41	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	<1	393	0.36	Diesel
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Air Compressor 375 CFM	Air Compressors	16	122	0.48	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Water Pump 4" Electric	Pumps	16	10	0.74	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	CAT Grader 16H	Graders	1	285	0.41	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BouldinOpt1_Shaft_C-6	Shafts	Bouldin Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	23	145	0.38	Diesel
BouldinOpt1_Shaft_C-6	Shafts	Bouldin Shaft Alt 1	CAT Grader 16H	Graders	23	285	0.41	Diesel
BouldinOpt1_Shaft_C-6	Shafts	Bouldin Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
BouldinOpt1_Shaft_C-7	Shafts	Bouldin Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
BouldinOpt1_Shaft_C-8	Shafts	Bouldin Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
BouldinOpt1_Shaft_C-8	Shafts	Bouldin Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	11	130	0.36	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Heavy Duty Mechanic Welder	Welders	6	400	0.74	Diesel
BouldinOpt1_Shaft_C-10	Shafts	Bouldin Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
BouldinOpt1_Shaft_C-11	Shafts	Bouldin Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
BouldinOpt1_Shaft_C-11	Shafts	Bouldin Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
BouldinOpt1_Shaft_C-11	Shafts	Bouldin Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
BouldinOpt1_Shaft_C-12	Shafts	Bouldin Shaft Alt 1	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
BouldinOpt1_Shaft_C-12	Shafts	Bouldin Shaft Alt 1	Dewater Pump 6"	Pumps	40	50	0.74	Diesel
BouldinOpt1_Shaft_C-12	Shafts	Bouldin Shaft Alt 1	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
BouldinOpt1_Shaft_C-13	Shafts	Bouldin Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
BouldinOpt1_Shaft_C-13	Shafts	Bouldin Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt1_Shaft_C-13	Shafts	Bouldin Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
BouldinOpt1_Shaft_C-14	Shafts	Bouldin Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
BouldinOpt1_Shaft_C-14	Shafts	Bouldin Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
BouldinOpt1_Shaft_C-15	Shafts	Bouldin Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
BouldinOpt1_Shaft_C-15	Shafts	Bouldin Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
BouldinOpt1_Shaft_C-15	Shafts	Bouldin Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
BouldinOpt1_Shaft_C-16	Shafts	Bouldin Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	10	100	0.29	Diesel
BouldinOpt1_Shaft_C-16	Shafts	Bouldin Shaft Alt 1	Truck Crane Lattice Boom 90T	Cranes	10	300	0.29	Diesel
BouldinOpt1_Shaft_C-16	Shafts	Bouldin Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	10	540	0.48	Diesel
BouldinOpt1_Shaft_C-16	Shafts	Bouldin Shaft Alt 1	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
BouldinOpt1_Shaft_C-16	Shafts	Bouldin Shaft Alt 1	Heavy Duty Mechanic Welder	Welders	10	400	0.74	Diesel
BouldinOpt1_Shaft_C-17	Shafts	Bouldin Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	14	75	0.48	Diesel
BouldinOpt1_Shaft_C-17	Shafts	Bouldin Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	17	393	0.36	Diesel
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	Grout Pump	Pumps	1	500	0.74	Diesel
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
BouldinOpt1_Shaft_C-19	Shafts	Bouldin Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	23	760	0.29	Diesel
BouldinOpt1_Shaft_C-19	Shafts	Bouldin Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	23	350	0.29	Diesel
BouldinOpt1_Shaft_C-19	Shafts	Bouldin Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	20	63	0.31	Diesel
BouldinOpt1_Shaft_C-20	Shafts	Bouldin Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	3	540	0.48	Diesel
BouldinOpt1_Shaft_C-20	Shafts	Bouldin Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	3	100	0.29	Diesel
BouldinOpt1_Shaft_C-20	Shafts	Bouldin Shaft Alt 1	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
BouldinOpt1_Shaft_C-20	Shafts	Bouldin Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	18	63	0.31	Diesel
BouldinOpt1_Shaft_C-20	Shafts	Bouldin Shaft Alt 1	Heavy Duty Mechanic Welder	Welders	3	400	0.74	Diesel
BouldinOpt1_Shaft_C-21	Shafts	Bouldin Shaft Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
BouldinOpt1_Shaft_C-21	Shafts	Bouldin Shaft Alt 1	CAT 14 M	Graders	10	274	0.41	Diesel
BouldinOpt1_Shaft_C-21	Shafts	Bouldin Shaft Alt 1	Water Pump 4" Electric	Pumps	10	10	0.74	Diesel
BouldinOpt1_Shaft_C-21	Shafts	Bouldin Shaft Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
BouldinOpt1_Shaft_C-21	Shafts	Bouldin Shaft Alt 1	Cat 613 C Self Loading Scraper	Scrapers	20	187	0.48	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	CAT 390 MASS EXC	Excavators	4	534	0.38	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	CAT 12 M	Graders	<1	173	0.41	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	4	320	0.44	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	2	285	0.44	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	7	310	0.43	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	CAT 631G Scraper, Conventional	Scrapers	7	515	0.48	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Air Compressor 185 CFM	Air Compressors	3	49	0.48	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt1_Shaft_C-3	Shafts	Twin Cities Shaft Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt1_Shaft_C-3	Shafts	Twin Cities Shaft Alt 1	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt1_Shaft_C-5	Shafts	Twin Cities Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
TwinCitiesOpt1_Shaft_C-5	Shafts	Twin Cities Shaft Alt 1	Grader 16H -16' Blade	Graders	23	285	0.41	Diesel
TwinCitiesOpt1_Shaft_C-5	Shafts	Twin Cities Shaft Alt 1	623G Scraper Elevate 21 CY	Scrapers	45	359	0.48	Diesel
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	CAT 825H Compactor	Rollers	10	315	0.38	Diesel
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	10	393	0.36	Diesel
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	180	328	0.43	Diesel
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	623G Scraper Elevate 21 CY	Scrapers	40	359	0.48	Diesel
TwinCitiesOpt1_Shaft_C-7	Shafts	Twin Cities Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt1_Shaft_C-7	Shafts	Twin Cities Shaft Alt 1	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt1_Shaft_C-7	Shafts	Twin Cities Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt1_Shaft_C-8	Shafts	Twin Cities Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	59	145	0.38	Diesel
TwinCitiesOpt1_Shaft_C-8	Shafts	Twin Cities Shaft Alt 1	CAT Grader 16H	Graders	59	285	0.41	Diesel
TwinCitiesOpt1_Shaft_C-8	Shafts	Twin Cities Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	59	328	0.43	Diesel
TwinCitiesOpt1_Shaft_C-8	Shafts	Twin Cities Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt1_Shaft_C-9	Shafts	Twin Cities Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
TwinCitiesOpt1_Shaft_C-9	Shafts	Twin Cities Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-13	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	21	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	21	85	0.29	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	21	63	0.31	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-15	Shafts	Twin Cities Shaft Alt 1	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOpt1_Shaft_C-16	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-17	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-17	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-17	Shafts	Twin Cities Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt1_Shaft_C-18	Shafts	Twin Cities Shaft Alt 1	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
TwinCitiesOpt1_Shaft_C-18	Shafts	Twin Cities Shaft Alt 1	Dewater Pump 6"	Pumps	38	50	0.74	Diesel
TwinCitiesOpt1_Shaft_C-18	Shafts	Twin Cities Shaft Alt 1	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
TwinCitiesOpt1_Shaft_C-19	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-19	Shafts	Twin Cities Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TwinCitiesOpt1_Shaft_C-19	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-20	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-20	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-21	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-21	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-21	Shafts	Twin Cities Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
TwinCitiesOpt1_Shaft_C-22	Shafts	Twin Cities Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOpt1_Shaft_C-22	Shafts	Twin Cities Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt1_Shaft_C-22	Shafts	Twin Cities Shaft Alt 1	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-22	Shafts	Twin Cities Shaft Alt 1	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOpt1_Shaft_C-22	Shafts	Twin Cities Shaft Alt 1	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	22	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	30	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	22	85	0.29	Diesel
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	22	63	0.31	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	9	393	0.36	Diesel
TwinCitiesOpt1_Shaft_C-25	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	19	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt1_Shaft_C-25	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	8	393	0.36	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	18	350	0.29	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	18	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Telescope RT Forklift 5500	Forklifts	17	63	0.20	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	3	540	0.48	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	3	100	0.29	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Heavy Duty Mechanic Welder	Welders	3	400	0.74	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	27	350	0.29	Diesel
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Telescope RT Forklift 5500	Forklifts	22	63	0.20	Diesel
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	16	310	0.43	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT 12 M	Graders	5	173	0.41	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	33	320	0.44	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	2	170	0.36	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	CAT 631G Scraper, Conventional	Scrapers	12	515	0.48	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Air Compressor 185 CFM	Air Compressors	3	49	0.48	Diesel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt2_Shaft_E-3	Shafts	Twin Cities Shaft Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt2_Shaft_E-3	Shafts	Twin Cities Shaft Alt 3	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt2_Shaft_E-5	Shafts	Twin Cities Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
TwinCitiesOpt2_Shaft_E-5	Shafts	Twin Cities Shaft Alt 3	Grader 16H -16' Blade	Graders	23	285	0.41	Diesel
TwinCitiesOpt2_Shaft_E-5	Shafts	Twin Cities Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	45	359	0.48	Diesel
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	CAT 825H Compactor	Rollers	10	315	0.38	Diesel
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	CAT Grader 16H	Graders	34	285	0.41	Diesel
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	10	393	0.36	Diesel
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	180	328	0.43	Diesel
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	34	359	0.48	Diesel
TwinCitiesOpt2_Shaft_E-7	Shafts	Twin Cities Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt2_Shaft_E-7	Shafts	Twin Cities Shaft Alt 3	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt2_Shaft_E-7	Shafts	Twin Cities Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt2_Shaft_E-8	Shafts	Twin Cities Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	59	145	0.38	Diesel
TwinCitiesOpt2_Shaft_E-8	Shafts	Twin Cities Shaft Alt 3	CAT Grader 16H	Graders	59	285	0.41	Diesel
TwinCitiesOpt2_Shaft_E-8	Shafts	Twin Cities Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	59	328	0.43	Diesel
TwinCitiesOpt2_Shaft_E-8	Shafts	Twin Cities Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt2_Shaft_E-9	Shafts	Twin Cities Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
TwinCitiesOpt2_Shaft_E-9	Shafts	Twin Cities Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-13	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	21	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	21	85	0.29	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	21	63	0.31	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-15	Shafts	Twin Cities Shaft Alt 3	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOpt2_Shaft_E-16	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-17	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-17	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-17	Shafts	Twin Cities Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt2_Shaft_E-18	Shafts	Twin Cities Shaft Alt 3	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
TwinCitiesOpt2_Shaft_E-18	Shafts	Twin Cities Shaft Alt 3	Dewater Pump 6"	Pumps	38	50	0.74	Diesel
TwinCitiesOpt2_Shaft_E-18	Shafts	Twin Cities Shaft Alt 3	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
TwinCitiesOpt2_Shaft_E-19	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-19	Shafts	Twin Cities Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TwinCitiesOpt2_Shaft_E-19	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-20	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-20	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-21	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-21	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-21	Shafts	Twin Cities Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
TwinCitiesOpt2_Shaft_E-22	Shafts	Twin Cities Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOpt2_Shaft_E-22	Shafts	Twin Cities Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt2_Shaft_E-22	Shafts	Twin Cities Shaft Alt 3	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-22	Shafts	Twin Cities Shaft Alt 3	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOpt2_Shaft_E-22	Shafts	Twin Cities Shaft Alt 3	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	22	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	30	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	22	85	0.29	Diesel
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	22	63	0.31	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	8	400	0.36	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt2_Shaft_E-25	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	19	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-25	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	8	393	0.36	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	18	350	0.29	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	18	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Telescope RT Forklift 5500	Forklifts	17	63	0.20	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	3	540	0.48	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	3	100	0.29	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Heavy Duty Mechanic Welder	Welders	3	400	0.74	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	27	350	0.29	Diesel
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Telescope RT Forklift 5500	Forklifts	22	63	0.20	Diesel
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	16	310	0.43	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT 12 M	Graders	5	173	0.41	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	33	320	0.44	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	2	170	0.36	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	CAT 631G Scraper, Conventional	Scrapers	12	515	0.48	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	Disk, Towed	Off-Highway Tractors	9	140	0.44	Diesel
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	CAT 14 M	Graders	5	274	0.41	Diesel
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	CAT 825, Roller	Rollers	9	315	0.38	Diesel
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	37	12	0.74	Diesel
LowerRobertOpt2_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
LowerRobertOpt2_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 3	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
LowerRobertOpt2_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
LowerRobertOpt2_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
LowerRobertOpt2_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
LowerRobertOpt2_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	53	328	0.43	Diesel
LowerRobertOpt2_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 3	Grader 16H -16' Blade	Graders	53	285	0.41	Diesel
LowerRobertOpt2_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 3	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
LowerRobertOpt2_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 3	CAT 825H Compactor	Rollers	6	315	0.38	Diesel
LowerRobertOpt2_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
LowerRobertOpt2_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 3	CAT Grader 16H	Graders	6	285	0.41	Diesel
LowerRobertOpt2_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 3	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	6	393	0.36	Diesel
LowerRobertOpt2_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Air Compressor 375 CFM	Air Compressors	16	122	0.48	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Water Pump 4" Electric	Pumps	16	10	0.74	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	CAT Grader 16H	Graders	1	285	0.41	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
LowerRobertOpt2_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 3	CAT CB-634D Vibratory 84"	Rollers	15	145	0.38	Diesel
LowerRobertOpt2_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 3	CAT Grader 16H	Graders	15	285	0.41	Diesel
LowerRobertOpt2_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 3	CAT D8 Dozer	Crawler Tractors	15	328	0.43	Diesel
LowerRobertOpt2_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
LowerRobertOpt2_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
LowerRobertOpt2_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Heavy Duty Mechanic Welder	Welders	6	400	0.74	Diesel
LowerRobertOpt2_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
LowerRobertOpt2_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
LowerRobertOpt2_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
LowerRobertOpt2_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 3	Dewater Pump 6"	Pumps	40	50	0.74	Diesel
LowerRobertOpt2_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 3	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
LowerRobertOpt2_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
LowerRobertOpt2_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
LowerRobertOpt2_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	14	75	0.48	Diesel
LowerRobertOpt2_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
LowerRobertOpt2_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 3	Trailer Conc Pump 100 CY HR	Pumps	6	200	0.74	Diesel
LowerRobertOpt2_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
LowerRobertOpt2_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	10	100	0.29	Diesel
LowerRobertOpt2_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 3	Truck Crane Lattice Boom 90T	Cranes	10	300	0.29	Diesel
LowerRobertOpt2_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	10	540	0.48	Diesel
LowerRobertOpt2_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 3	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
LowerRobertOpt2_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 3	Heavy Duty Mechanic Welder	Welders	10	400	0.74	Diesel
LowerRobertOpt2_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	99	75	0.48	Diesel
LowerRobertOpt2_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	39	393	0.36	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Grout Pump	Pumps	1	500	0.74	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	21	63	0.31	Diesel
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOpt2_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
LowerRobertOpt2_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 3	CAT 14 M	Graders	7	274	0.41	Diesel
LowerRobertOpt2_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 3	Water Pump 4" Electric	Pumps	7	10	0.74	Diesel
LowerRobertOpt2_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	7	156	0.38	Diesel
LowerRobertOpt2_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 3	Cat 613 C Self Loading Scraper	Scrapers	13	187	0.48	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	CAT 390 MASS EXC	Excavators	2	534	0.38	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	7	345	0.38	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	CAT 12 M	Graders	<1	173	0.41	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	3	320	0.44	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	1	285	0.44	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	5	310	0.43	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	CAT 631G Scraper, Conventional	Scrapers	5	515	0.48	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
BaconOpt1_Shaft_C-1	Shafts	Bacon Shaft Alt 1	Air Compressor 185 cfm	Air Compressors	27	49	0.48	Diesel
BaconOpt1_Shaft_C-1	Shafts	Bacon Shaft Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	13	75	0.31	Diesel
BaconOpt1_Shaft_C-1	Shafts	Bacon Shaft Alt 1	Grove RT Crane 80T, 275hp	Cranes	27	275	0.29	Diesel
BaconOpt1_Shaft_C-1	Shafts	Bacon Shaft Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	13	100	0.29	Diesel
BaconOpt1_Shaft_C-2	Shafts	Bacon Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
BaconOpt1_Shaft_C-2	Shafts	Bacon Shaft Alt 1	CAT Grader 16H -16' Blade	Graders	9	285	0.41	Diesel
BaconOpt1_Shaft_C-2	Shafts	Bacon Shaft Alt 1	623G Scraper Elevate 21 CY	Scrapers	19	359	0.48	Diesel
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	Air Compressor 375 CFM	Air Compressors	18	122	0.48	Diesel
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	Grove RT Crane 30T	Cranes	18	160	0.29	Diesel
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	DMM Deep Soil Mixer	Trenchers	18	808	0.50	Diesel
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	DMM Grout Mix Plant	Other General Industrial Equipment	18	500	0.34	Diesel
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	Portable 90 Kw Diesel	Generator Sets	18	158	0.74	Diesel
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	Case 590 SupN Loader	Rubber Tired Loaders	18	110	0.36	Diesel
BaconOpt1_Shaft_C-3	Shafts	Bacon Shaft Alt 1	Water Pump 4" Electric	Pumps	18	10	0.74	Diesel
BaconOpt1_Shaft_C-4	Shafts	Bacon Shaft Alt 1	CAT CB-634D Vibratory 84"	Rollers	15	145	0.38	Diesel
BaconOpt1_Shaft_C-4	Shafts	Bacon Shaft Alt 1	CAT Grader 16H	Graders	15	285	0.41	Diesel
BaconOpt1_Shaft_C-4	Shafts	Bacon Shaft Alt 1	CAT D8 Dozer	Crawler Tractors	15	328	0.43	Diesel
BaconOpt1_Shaft_C-5	Shafts	Bacon Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
BaconOpt1_Shaft_C-5	Shafts	Bacon Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
BaconOpt1_Shaft_C-8	Shafts	Bacon Shaft Alt 1	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
BaconOpt1_Shaft_C-8	Shafts	Bacon Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BaconOpt1_Shaft_C-8	Shafts	Bacon Shaft Alt 1	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
BaconOpt1_Shaft_C-9	Shafts	Bacon Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BaconOpt1_Shaft_C-10	Shafts	Bacon Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
BaconOpt1_Shaft_C-10	Shafts	Bacon Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
BaconOpt1_Shaft_C-10	Shafts	Bacon Shaft Alt 1	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
BaconOpt1_Shaft_C-11	Shafts	Bacon Shaft Alt 1	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
BaconOpt1_Shaft_C-11	Shafts	Bacon Shaft Alt 1	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
BaconOpt1_Shaft_C-11	Shafts	Bacon Shaft Alt 1	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
BaconOpt1_Shaft_C-12	Shafts	Bacon Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
BaconOpt1_Shaft_C-12	Shafts	Bacon Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
BaconOpt1_Shaft_C-12	Shafts	Bacon Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
BaconOpt1_Shaft_C-13	Shafts	Bacon Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
BaconOpt1_Shaft_C-13	Shafts	Bacon Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
BaconOpt1_Shaft_C-14	Shafts	Bacon Shaft Alt 1	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
BaconOpt1_Shaft_C-14	Shafts	Bacon Shaft Alt 1	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
BaconOpt1_Shaft_C-14	Shafts	Bacon Shaft Alt 1	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
BaconOpt1_Shaft_C-14	Shafts	Bacon Shaft Alt 1	Manitowoc 999-275 Ton Crane	Cranes	7	900	0.29	Diesel
BaconOpt1_Shaft_C-15	Shafts	Bacon Shaft Alt 1	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
BaconOpt1_Shaft_C-15	Shafts	Bacon Shaft Alt 1	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
BaconOpt1_Shaft_C-15	Shafts	Bacon Shaft Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
BaconOpt1_Shaft_C-18	Shafts	Bacon Shaft Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	16	75	0.31	Diesel
BaconOpt1_Shaft_C-18	Shafts	Bacon Shaft Alt 1	Grove RT Crane 80T, 275hp	Cranes	16	275	0.29	Diesel
BaconOpt1_Shaft_C-18	Shafts	Bacon Shaft Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
BaconOpt5_Shaft_C-1	Shafts	Bacon Shaft Alt 2b	Air Compressor 185 cfm	Air Compressors	27	49	0.48	Diesel
BaconOpt5_Shaft_C-1	Shafts	Bacon Shaft Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	13	75	0.31	Diesel
BaconOpt5_Shaft_C-1	Shafts	Bacon Shaft Alt 2b	Grove RT Crane 80T, 275hp	Cranes	27	275	0.29	Diesel
BaconOpt5_Shaft_C-1	Shafts	Bacon Shaft Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	13	100	0.29	Diesel
BaconOpt5_Shaft_C-2	Shafts	Bacon Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
BaconOpt5_Shaft_C-2	Shafts	Bacon Shaft Alt 2b	CAT Grader 16H -16' Blade	Graders	9	285	0.41	Diesel
BaconOpt5_Shaft_C-2	Shafts	Bacon Shaft Alt 2b	623G Scraper Elevate 21 CY	Scrapers	19	359	0.48	Diesel
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	Air Compressor 375 CFM	Air Compressors	18	122	0.48	Diesel
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	Grove RT Crane 30T	Cranes	18	160	0.29	Diesel
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	DMM Deep Soil Mixer	Trenchers	18	808	0.50	Diesel
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	DMM Grout Mix Plant	Other General Industrial Equipment	18	500	0.34	Diesel
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	Portable 90 Kw Diesel	Generator Sets	18	158	0.74	Diesel
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	Case 590 SupN Loader	Rubber Tired Loaders	18	110	0.36	Diesel
BaconOpt5_Shaft_C-3	Shafts	Bacon Shaft Alt 2b	Water Pump 4" Electric	Pumps	18	10	0.74	Diesel
BaconOpt5_Shaft_C-4	Shafts	Bacon Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	14	145	0.38	Diesel
BaconOpt5_Shaft_C-4	Shafts	Bacon Shaft Alt 2b	CAT Grader 16H	Graders	14	285	0.41	Diesel
BaconOpt5_Shaft_C-4	Shafts	Bacon Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	14	328	0.43	Diesel
BaconOpt5_Shaft_C-5	Shafts	Bacon Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
BaconOpt5_Shaft_C-5	Shafts	Bacon Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	4	540	0.48	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	8	350	0.29	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	4	8	0.56	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	Slurry Wall Techniwell	Pumps	4	500	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
BaconOpt5_Shaft_C-8	Shafts	Bacon Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
BaconOpt5_Shaft_C-8	Shafts	Bacon Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BaconOpt5_Shaft_C-8	Shafts	Bacon Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	8	138	0.38	Diesel
BaconOpt5_Shaft_C-9	Shafts	Bacon Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
BaconOpt5_Shaft_C-10	Shafts	Bacon Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
BaconOpt5_Shaft_C-10	Shafts	Bacon Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
BaconOpt5_Shaft_C-10	Shafts	Bacon Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	4	100	0.29	Diesel
BaconOpt5_Shaft_C-11	Shafts	Bacon Shaft Alt 2b	Dewater Pump 6"	Pumps	43	50	0.74	Diesel
BaconOpt5_Shaft_C-11	Shafts	Bacon Shaft Alt 2b	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel
BaconOpt5_Shaft_C-11	Shafts	Bacon Shaft Alt 2b	Hydraulic 15 Ton Crane	Cranes	11	100	0.29	Diesel
BaconOpt5_Shaft_C-12	Shafts	Bacon Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
BaconOpt5_Shaft_C-12	Shafts	Bacon Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
BaconOpt5_Shaft_C-12	Shafts	Bacon Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
BaconOpt5_Shaft_C-13	Shafts	Bacon Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
BaconOpt5_Shaft_C-13	Shafts	Bacon Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
BaconOpt5_Shaft_C-14	Shafts	Bacon Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
BaconOpt5_Shaft_C-14	Shafts	Bacon Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
BaconOpt5_Shaft_C-14	Shafts	Bacon Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
BaconOpt5_Shaft_C-14	Shafts	Bacon Shaft Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
BaconOpt5_Shaft_C-15	Shafts	Bacon Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
BaconOpt5_Shaft_C-15	Shafts	Bacon Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
BaconOpt5_Shaft_C-15	Shafts	Bacon Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
BaconOpt5_Shaft_C-18	Shafts	Bacon Shaft Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	16	75	0.31	Diesel
BaconOpt5_Shaft_C-18	Shafts	Bacon Shaft Alt 2b	Grove RT Crane 80T, 275hp	Cranes	16	275	0.29	Diesel
BaconOpt5_Shaft_C-18	Shafts	Bacon Shaft Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
BouldinOpt5_Shaft_C-1	Shafts	Bouldin Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
BouldinOpt5_Shaft_C-1	Shafts	Bouldin Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
BouldinOpt5_Shaft_C-1	Shafts	Bouldin Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
BouldinOpt5_Shaft_C-3	Shafts	Bouldin Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	54	328	0.43	Diesel
BouldinOpt5_Shaft_C-3	Shafts	Bouldin Shaft Alt 2b	Grader 16H -16' Blade	Graders	54	285	0.41	Diesel
BouldinOpt5_Shaft_C-3	Shafts	Bouldin Shaft Alt 2b	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	Air Compressor 375 CFM	Air Compressors	23	122	0.48	Diesel
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	Grove RT Crane 30T	Cranes	23	160	0.29	Diesel
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	DMM Deep Soil Mixer	Trenchers	23	808	0.50	Diesel
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	DMM Grout Mix Plant	Other General Industrial Equipment	23	500	0.34	Diesel
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	Portable 90 Kw Diesel	Generator Sets	23	158	0.74	Diesel
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	Case 590 SupN Loader	Rubber Tired Loaders	23	110	0.36	Diesel
BouldinOpt5_Shaft_C-4	Shafts	Bouldin Shaft Alt 2b	Water Pump 4" Electric	Pumps	23	10	0.74	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Water Pump 4" Electric	Pumps	16	10	0.74	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	CAT Grader 16H	Graders	1	285	0.41	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BouldinOpt5_Shaft_C-6	Shafts	Bouldin Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	23	145	0.38	Diesel
BouldinOpt5_Shaft_C-6	Shafts	Bouldin Shaft Alt 2b	CAT Grader 16H	Graders	23	285	0.41	Diesel
BouldinOpt5_Shaft_C-6	Shafts	Bouldin Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
BouldinOpt5_Shaft_C-7	Shafts	Bouldin Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
BouldinOpt5_Shaft_C-8	Shafts	Bouldin Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
BouldinOpt5_Shaft_C-8	Shafts	Bouldin Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
BouldinOpt5_Shaft_C-10	Shafts	Bouldin Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
BouldinOpt5_Shaft_C-11	Shafts	Bouldin Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
BouldinOpt5_Shaft_C-11	Shafts	Bouldin Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
BouldinOpt5_Shaft_C-11	Shafts	Bouldin Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
BouldinOpt5_Shaft_C-12	Shafts	Bouldin Shaft Alt 2b	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
BouldinOpt5_Shaft_C-12	Shafts	Bouldin Shaft Alt 2b	Dewater Pump 6"	Pumps	38	50	0.74	Diesel
BouldinOpt5_Shaft_C-12	Shafts	Bouldin Shaft Alt 2b	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
BouldinOpt5_Shaft_C-13	Shafts	Bouldin Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
BouldinOpt5_Shaft_C-13	Shafts	Bouldin Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
BouldinOpt5_Shaft_C-13	Shafts	Bouldin Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
BouldinOpt5_Shaft_C-14	Shafts	Bouldin Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
BouldinOpt5_Shaft_C-14	Shafts	Bouldin Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
BouldinOpt5_Shaft_C-15	Shafts	Bouldin Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
BouldinOpt5_Shaft_C-15	Shafts	Bouldin Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
BouldinOpt5_Shaft_C-15	Shafts	Bouldin Shaft Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
BouldinOpt5_Shaft_C-15	Shafts	Bouldin Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
BouldinOpt5_Shaft_C-16	Shafts	Bouldin Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	10	100	0.29	Diesel
BouldinOpt5_Shaft_C-16	Shafts	Bouldin Shaft Alt 2b	Truck Crane Lattice Boom 90T	Cranes	10	300	0.29	Diesel
BouldinOpt5_Shaft_C-16	Shafts	Bouldin Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	10	540	0.48	Diesel
BouldinOpt5_Shaft_C-16	Shafts	Bouldin Shaft Alt 2b	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt5_Shaft_C-16	Shafts	Bouldin Shaft Alt 2b	Heavy Duty Mechanic Welder	Welders	10	400	0.74	Diesel
BouldinOpt5_Shaft_C-17	Shafts	Bouldin Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
BouldinOpt5_Shaft_C-17	Shafts	Bouldin Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	11	393	0.36	Diesel
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	Grout Pump	Pumps	1	500	0.74	Diesel
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	16	350	0.29	Diesel
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
BouldinOpt5_Shaft_C-20	Shafts	Bouldin Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
BouldinOpt5_Shaft_C-21	Shafts	Bouldin Shaft Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
BouldinOpt5_Shaft_C-21	Shafts	Bouldin Shaft Alt 2b	CAT 14 M	Graders	3	274	0.41	Diesel
BouldinOpt5_Shaft_C-21	Shafts	Bouldin Shaft Alt 2b	Water Pump 4" Electric	Pumps	3	10	0.74	Diesel
BouldinOpt5_Shaft_C-21	Shafts	Bouldin Shaft Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
BouldinOpt5_Shaft_C-21	Shafts	Bouldin Shaft Alt 2b	Cat 613 C Self Loading Scraper	Scrapers	7	187	0.48	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	CAT 390 MASS EXC	Excavators	4	534	0.38	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	CAT 12 M	Graders	<1	173	0.41	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	4	320	0.44	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	2	285	0.44	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	7	310	0.43	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	CAT 631G Scraper, Conventional	Scrapers	7	515	0.48	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
CanalRanchOpt6_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
CanalRanchOpt6_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4b	CAT Grader 16H -16' Blade	Graders	8	285	0.41	Diesel
CanalRanchOpt6_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	17	359	0.48	Diesel
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	Air Compressor 375 CFM	Air Compressors	1	122	0.48	Diesel
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	DMM Deep Soil Mixer	Trenchers	1	808	0.50	Diesel
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	DMM Grout Mix Plant	Other General Industrial Equipment	1	500	0.34	Diesel
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	Portable 90 Kw Diesel	Generator Sets	1	158	0.74	Diesel
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	Case 590 SupN Loader	Rubber Tired Loaders	1	110	0.36	Diesel
CanalRanchOpt6_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4b	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
CanalRanchOpt6_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
CanalRanchOpt6_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4b	CAT Grader 16H	Graders	4	285	0.41	Diesel
CanalRanchOpt6_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
CanalRanchOpt6_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
CanalRanchOpt6_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	4	540	0.48	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	9	350	0.29	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	4	8	0.56	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	Slurry Wall Techniwell	Pumps	4	500	0.74	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
CanalRanchOpt6_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
CanalRanchOpt6_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
CanalRanchOpt6_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	8	138	0.38	Diesel
CanalRanchOpt6_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
CanalRanchOpt6_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
CanalRanchOpt6_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
CanalRanchOpt6_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	4	100	0.29	Diesel
CanalRanchOpt6_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4b	Dewater Pump 6"	Pumps	43	50	0.74	Diesel
CanalRanchOpt6_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4b	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel
CanalRanchOpt6_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4b	Hydraulic 15 Ton Crane	Cranes	43	100	0.29	Diesel
CanalRanchOpt6_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
CanalRanchOpt6_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
CanalRanchOpt6_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	8	200	0.74	Diesel
CanalRanchOpt6_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	4	75	0.48	Diesel
CanalRanchOpt6_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
CanalRanchOpt6_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
CanalRanchOpt6_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
CanalRanchOpt6_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
KingIslandOpt6_Shaft_E-1	Shafts	King Island Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
KingIslandOpt6_Shaft_E-1	Shafts	King Island Shaft Alt 4b	CAT Grader 16H -16' Blade	Graders	1	285	0.41	Diesel
KingIslandOpt6_Shaft_E-1	Shafts	King Island Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	3	359	0.48	Diesel
KingIslandOpt6_Shaft_E-3	Shafts	King Island Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
KingIslandOpt6_Shaft_E-3	Shafts	King Island Shaft Alt 4b	CAT Grader 16H	Graders	6	285	0.41	Diesel
KingIslandOpt6_Shaft_E-3	Shafts	King Island Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
KingIslandOpt6_Shaft_E-4	Shafts	King Island Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
KingIslandOpt6_Shaft_E-4	Shafts	King Island Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	4	540	0.48	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	4	350	0.29	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	4	8	0.56	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	Slurry Wall Techniwell	Pumps	4	500	0.74	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
KingIslandOpt6_Shaft_E-7	Shafts	King Island Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
KingIslandOpt6_Shaft_E-7	Shafts	King Island Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
KingIslandOpt6_Shaft_E-7	Shafts	King Island Shaft Alt 4b	Hydraulic Excavator to 3.5	Excavators	4	350	0.38	Diesel
KingIslandOpt6_Shaft_E-7	Shafts	King Island Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
KingIslandOpt6_Shaft_E-8	Shafts	King Island Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
KingIslandOpt6_Shaft_E-9	Shafts	King Island Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt6_Shaft_E-9	Shafts	King Island Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
KingIslandOpt6_Shaft_E-9	Shafts	King Island Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	4	100	0.29	Diesel
KingIslandOpt6_Shaft_E-10	Shafts	King Island Shaft Alt 4b	Dewater Pump 6"	Pumps	43	50	0.74	Diesel
KingIslandOpt6_Shaft_E-10	Shafts	King Island Shaft Alt 4b	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel
KingIslandOpt6_Shaft_E-10	Shafts	King Island Shaft Alt 4b	Hydraulic 15 Ton Crane	Cranes	11	100	0.29	Diesel
KingIslandOpt6_Shaft_E-11	Shafts	King Island Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
KingIslandOpt6_Shaft_E-11	Shafts	King Island Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
KingIslandOpt6_Shaft_E-11	Shafts	King Island Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
KingIslandOpt6_Shaft_E-12	Shafts	King Island Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
KingIslandOpt6_Shaft_E-12	Shafts	King Island Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
KingIslandOpt6_Shaft_E-14	Shafts	King Island Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
KingIslandOpt6_Shaft_E-14	Shafts	King Island Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
KingIslandOpt6_Shaft_E-14	Shafts	King Island Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	Disk, Towed	Off-Highway Tractors	9	140	0.44	Diesel
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	CAT 14 M	Graders	5	274	0.41	Diesel
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	CAT 825, Roller	Rollers	9	315	0.38	Diesel
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	37	12	0.74	Diesel
LowerRobertOpt6_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
LowerRobertOpt6_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4b	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
LowerRobertOpt6_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
LowerRobertOpt6_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
LowerRobertOpt6_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
LowerRobertOpt6_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	53	328	0.43	Diesel
LowerRobertOpt6_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4b	Grader 16H -16' Blade	Graders	53	285	0.41	Diesel
LowerRobertOpt6_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
LowerRobertOpt6_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4b	CAT 825H Compactor	Rollers	6	315	0.38	Diesel
LowerRobertOpt6_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
LowerRobertOpt6_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4b	CAT Grader 16H	Graders	6	285	0.41	Diesel
LowerRobertOpt6_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	6	393	0.36	Diesel
LowerRobertOpt6_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Air Compressor 375 CFM	Air Compressors	16	122	0.48	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Water Pump 4" Electric	Pumps	16	10	0.74	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	CAT Grader 16H	Graders	1	285	0.41	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
LowerRobertOpt6_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	15	145	0.38	Diesel
LowerRobertOpt6_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4b	CAT Grader 16H	Graders	15	285	0.41	Diesel
LowerRobertOpt6_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	15	328	0.43	Diesel
LowerRobertOpt6_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
LowerRobertOpt6_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
LowerRobertOpt6_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
LowerRobertOpt6_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
LowerRobertOpt6_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
LowerRobertOpt6_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
LowerRobertOpt6_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4b	Dewater Pump 6"	Pumps	38	50	0.74	Diesel
LowerRobertOpt6_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4b	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
LowerRobertOpt6_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
LowerRobertOpt6_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
LowerRobertOpt6_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
LowerRobertOpt6_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOpt6_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	6	200	0.74	Diesel
LowerRobertOpt6_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
LowerRobertOpt6_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	10	100	0.29	Diesel
LowerRobertOpt6_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4b	Truck Crane Lattice Boom 90T	Cranes	10	300	0.29	Diesel
LowerRobertOpt6_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	10	540	0.48	Diesel
LowerRobertOpt6_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4b	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
LowerRobertOpt6_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4b	Heavy Duty Mechanic Welder	Welders	10	400	0.74	Diesel
LowerRobertOpt6_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
LowerRobertOpt6_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	24	393	0.36	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Grout Pump	Pumps	<1	500	0.74	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Grout Mixer	Cement and Mortar Mixers	<1	70	0.56	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	24	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	9	350	0.29	Diesel
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	Heavy Duty Mechanic Welder	Welders	1	400	0.74	Diesel
LowerRobertOpt6_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
LowerRobertOpt6_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4b	CAT 14 M	Graders	4	274	0.41	Diesel
LowerRobertOpt6_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4b	Water Pump 4" Electric	Pumps	4	10	0.74	Diesel
LowerRobertOpt6_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	4	156	0.38	Diesel
LowerRobertOpt6_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4b	Cat 613 C Self Loading Scraper	Scrapers	8	187	0.48	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	CAT 390 MASS EXC	Excavators	2	534	0.38	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	7	345	0.38	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	CAT 12 M	Graders	<1	173	0.41	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	3	320	0.44	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	1	285	0.44	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	5	310	0.43	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	CAT 631G Scraper, Conventional	Scrapers	5	515	0.48	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
MandIslandOpt5_Shaft_C-1	Shafts	Mandeville Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
MandIslandOpt5_Shaft_C-1	Shafts	Mandeville Shaft Alt 2b	CAT Grader 16H -16' Blade	Graders	2	285	0.41	Diesel
MandIslandOpt5_Shaft_C-1	Shafts	Mandeville Shaft Alt 2b	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	Air Compressor 375 CFM	Air Compressors	13	122	0.48	Diesel
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	Grove RT Crane 30T	Cranes	13	160	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	DMM Deep Soil Mixer	Trenchers	13	808	0.50	Diesel
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	DMM Grout Mix Plant	Other General Industrial Equipment	13	500	0.34	Diesel
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	Portable 90 Kw Diesel	Generator Sets	13	158	0.74	Diesel
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	Case 590 SupN Loader	Rubber Tired Loaders	13	110	0.36	Diesel
MandIslandOpt5_Shaft_C-2	Shafts	Mandeville Shaft Alt 2b	Water Pump 4" Electric	Pumps	13	10	0.74	Diesel
MandIslandOpt5_Shaft_C-3	Shafts	Mandeville Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
MandIslandOpt5_Shaft_C-3	Shafts	Mandeville Shaft Alt 2b	CAT Grader 16H	Graders	7	285	0.41	Diesel
MandIslandOpt5_Shaft_C-3	Shafts	Mandeville Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
MandIslandOpt5_Shaft_C-4	Shafts	Mandeville Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
MandIslandOpt5_Shaft_C-4	Shafts	Mandeville Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	3	540	0.48	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	7	138	0.38	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	6	350	0.29	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
MandIslandOpt5_Shaft_C-7	Shafts	Mandeville Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
MandIslandOpt5_Shaft_C-8	Shafts	Mandeville Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
MandIslandOpt5_Shaft_C-9	Shafts	Mandeville Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	17	760	0.29	Diesel
MandIslandOpt5_Shaft_C-9	Shafts	Mandeville Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
MandIslandOpt5_Shaft_C-9	Shafts	Mandeville Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	12	100	0.29	Diesel
MandIslandOpt5_Shaft_C-10	Shafts	Mandeville Shaft Alt 2b	Dewater Pump 6"	Pumps	61	50	0.74	Diesel
MandIslandOpt5_Shaft_C-10	Shafts	Mandeville Shaft Alt 2b	150 KW Diesel Generator	Generator Sets	15	183	0.74	Diesel
MandIslandOpt5_Shaft_C-10	Shafts	Mandeville Shaft Alt 2b	Hydraulic 15 Ton Crane	Cranes	15	100	0.29	Diesel
MandIslandOpt5_Shaft_C-11	Shafts	Mandeville Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
MandIslandOpt5_Shaft_C-11	Shafts	Mandeville Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
MandIslandOpt5_Shaft_C-11	Shafts	Mandeville Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
MandIslandOpt5_Shaft_C-12	Shafts	Mandeville Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
MandIslandOpt5_Shaft_C-12	Shafts	Mandeville Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
MandIslandOpt5_Shaft_C-14	Shafts	Mandeville Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
MandIslandOpt5_Shaft_C-14	Shafts	Mandeville Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
MandIslandOpt5_Shaft_C-14	Shafts	Mandeville Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel
NewHopeOpt5_Shaft_C-1	Shafts	New Hope Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
NewHopeOpt5_Shaft_C-1	Shafts	New Hope Shaft Alt 2b	CAT Grader 16H -16' Blade	Graders	1	285	0.41	Diesel
NewHopeOpt5_Shaft_C-1	Shafts	New Hope Shaft Alt 2b	623G Scraper Elevate 21 CY	Scrapers	2	359	0.48	Diesel
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	DMM Deep Soil Mixer	Trenchers	17	808	0.50	Diesel
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	DMM Grout Mix Plant	Other General Industrial Equipment	17	500	0.34	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	Portable 90 Kw Diesel	Generator Sets	17	158	0.74	Diesel
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	Case 590 SupN Loader	Rubber Tired Loaders	17	110	0.36	Diesel
NewHopeOpt5_Shaft_C-2	Shafts	New Hope Shaft Alt 2b	Water Pump 4" Electric	Pumps	17	10	0.74	Diesel
NewHopeOpt5_Shaft_C-3	Shafts	New Hope Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
NewHopeOpt5_Shaft_C-3	Shafts	New Hope Shaft Alt 2b	CAT Grader 16H	Graders	10	285	0.41	Diesel
NewHopeOpt5_Shaft_C-3	Shafts	New Hope Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	10	328	0.43	Diesel
NewHopeOpt5_Shaft_C-4	Shafts	New Hope Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
NewHopeOpt5_Shaft_C-4	Shafts	New Hope Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	10	350	0.29	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
NewHopeOpt5_Shaft_C-7	Shafts	New Hope Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
NewHopeOpt5_Shaft_C-7	Shafts	New Hope Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt5_Shaft_C-7	Shafts	New Hope Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	10	138	0.38	Diesel
NewHopeOpt5_Shaft_C-8	Shafts	New Hope Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
NewHopeOpt5_Shaft_C-9	Shafts	New Hope Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt5_Shaft_C-9	Shafts	New Hope Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
NewHopeOpt5_Shaft_C-9	Shafts	New Hope Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	4	100	0.29	Diesel
NewHopeOpt5_Shaft_C-10	Shafts	New Hope Shaft Alt 2b	Dewater Pump 6"	Pumps	43	50	0.74	Diesel
NewHopeOpt5_Shaft_C-10	Shafts	New Hope Shaft Alt 2b	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel
NewHopeOpt5_Shaft_C-10	Shafts	New Hope Shaft Alt 2b	Hydraulic 15 Ton Crane	Cranes	11	100	0.29	Diesel
NewHopeOpt5_Shaft_C-11	Shafts	New Hope Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
NewHopeOpt5_Shaft_C-11	Shafts	New Hope Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt5_Shaft_C-11	Shafts	New Hope Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt5_Shaft_C-12	Shafts	New Hope Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
NewHopeOpt5_Shaft_C-12	Shafts	New Hope Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt5_Shaft_C-13	Shafts	New Hope Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
NewHopeOpt5_Shaft_C-13	Shafts	New Hope Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
NewHopeOpt5_Shaft_C-13	Shafts	New Hope Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
NewHopeOpt5_Shaft_C-13	Shafts	New Hope Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	27	75	0.48	Diesel
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	19	900	0.29	Diesel
NewHopeOpt5_Shaft_C-14	Shafts	New Hope Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	18	200	0.74	Diesel
NewHopeOpt6_Shaft_E-1	Shafts	New Hope Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	16	328	0.43	Diesel
NewHopeOpt6_Shaft_E-1	Shafts	New Hope Shaft Alt 4b	CAT Grader 16H -16' Blade	Graders	16	285	0.41	Diesel
NewHopeOpt6_Shaft_E-1	Shafts	New Hope Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	31	359	0.48	Diesel
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	DMM Deep Soil Mixer	Trenchers	17	808	0.50	Diesel
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	DMM Grout Mix Plant	Other General Industrial Equipment	17	500	0.34	Diesel
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	Portable 90 Kw Diesel	Generator Sets	17	158	0.74	Diesel
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	Case 590 SupN Loader	Rubber Tired Loaders	17	110	0.36	Diesel
NewHopeOpt6_Shaft_E-2	Shafts	New Hope Shaft Alt 4b	Water Pump 4" Electric	Pumps	17	10	0.74	Diesel
NewHopeOpt6_Shaft_E-3	Shafts	New Hope Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
NewHopeOpt6_Shaft_E-3	Shafts	New Hope Shaft Alt 4b	CAT Grader 16H	Graders	7	285	0.41	Diesel
NewHopeOpt6_Shaft_E-3	Shafts	New Hope Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
NewHopeOpt6_Shaft_E-4	Shafts	New Hope Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
NewHopeOpt6_Shaft_E-4	Shafts	New Hope Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	4	540	0.48	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	9	350	0.29	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	4	8	0.56	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	Slurry Wall Techniwell	Pumps	4	500	0.74	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
NewHopeOpt6_Shaft_E-7	Shafts	New Hope Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
NewHopeOpt6_Shaft_E-7	Shafts	New Hope Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt6_Shaft_E-7	Shafts	New Hope Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
NewHopeOpt6_Shaft_E-8	Shafts	New Hope Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
NewHopeOpt6_Shaft_E-9	Shafts	New Hope Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt6_Shaft_E-9	Shafts	New Hope Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
NewHopeOpt6_Shaft_E-9	Shafts	New Hope Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	4	100	0.29	Diesel
NewHopeOpt6_Shaft_E-10	Shafts	New Hope Shaft Alt 4b	Dewater Pump 6"	Pumps	43	50	0.74	Diesel
NewHopeOpt6_Shaft_E-10	Shafts	New Hope Shaft Alt 4b	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel
NewHopeOpt6_Shaft_E-10	Shafts	New Hope Shaft Alt 4b	Hydraulic 15 Ton Crane	Cranes	11	100	0.29	Diesel
NewHopeOpt6_Shaft_E-11	Shafts	New Hope Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
NewHopeOpt6_Shaft_E-11	Shafts	New Hope Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt6_Shaft_E-11	Shafts	New Hope Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt6_Shaft_E-12	Shafts	New Hope Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
NewHopeOpt6_Shaft_E-12	Shafts	New Hope Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
NewHopeOpt6_Shaft_E-14	Shafts	New Hope Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
StatenIslandOpt5_Shaft_C-1	Shafts	Staten Island Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	13	328	0.43	Diesel
StatenIslandOpt5_Shaft_C-1	Shafts	Staten Island Shaft Alt 2b	CAT Grader 16H -16' Blade	Graders	13	285	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
StatenIslandOpt5_Shaft_C-1	Shafts	Staten Island Shaft Alt 2b	623G Scraper Elevate 21 CY	Scrapers	27	359	0.48	Diesel
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	Air Compressor 375 CFM	Air Compressors	40	122	0.48	Diesel
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	Grove RT Crane 30T	Cranes	40	160	0.29	Diesel
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	DMM Deep Soil Mixer	Trenchers	40	808	0.50	Diesel
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	DMM Grout Mix Plant	Other General Industrial Equipment	40	500	0.34	Diesel
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	Portable 90 Kw Diesel	Generator Sets	40	158	0.74	Diesel
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	Case 590 SupN Loader	Rubber Tired Loaders	40	110	0.36	Diesel
StatenIslandOpt5_Shaft_C-2	Shafts	Staten Island Shaft Alt 2b	Water Pump 4" Electric	Pumps	40	10	0.74	Diesel
StatenIslandOpt5_Shaft_C-3	Shafts	Staten Island Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
StatenIslandOpt5_Shaft_C-3	Shafts	Staten Island Shaft Alt 2b	CAT Grader 16H	Graders	10	285	0.41	Diesel
StatenIslandOpt5_Shaft_C-3	Shafts	Staten Island Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	10	328	0.43	Diesel
StatenIslandOpt5_Shaft_C-4	Shafts	Staten Island Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
StatenIslandOpt5_Shaft_C-4	Shafts	Staten Island Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	4	540	0.48	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	8	350	0.29	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	4	8	0.56	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	Slurry Wall Techniwell	Pumps	4	500	0.74	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
StatenIslandOpt5_Shaft_C-7	Shafts	Staten Island Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
StatenIslandOpt5_Shaft_C-7	Shafts	Staten Island Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
StatenIslandOpt5_Shaft_C-7	Shafts	Staten Island Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	8	138	0.38	Diesel
StatenIslandOpt5_Shaft_C-8	Shafts	Staten Island Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
StatenIslandOpt5_Shaft_C-9	Shafts	Staten Island Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
StatenIslandOpt5_Shaft_C-9	Shafts	Staten Island Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
StatenIslandOpt5_Shaft_C-9	Shafts	Staten Island Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
StatenIslandOpt5_Shaft_C-10	Shafts	Staten Island Shaft Alt 2b	Dewater Pump 6"	Pumps	43	50	0.74	Diesel
StatenIslandOpt5_Shaft_C-10	Shafts	Staten Island Shaft Alt 2b	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel
StatenIslandOpt5_Shaft_C-10	Shafts	Staten Island Shaft Alt 2b	Hydraulic 15 Ton Crane	Cranes	11	100	0.29	Diesel
StatenIslandOpt5_Shaft_C-11	Shafts	Staten Island Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
StatenIslandOpt5_Shaft_C-11	Shafts	Staten Island Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
StatenIslandOpt5_Shaft_C-11	Shafts	Staten Island Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
StatenIslandOpt5_Shaft_C-12	Shafts	Staten Island Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	4	75	0.48	Diesel
StatenIslandOpt5_Shaft_C-12	Shafts	Staten Island Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
StatenIslandOpt5_Shaft_C-13	Shafts	Staten Island Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
StatenIslandOpt5_Shaft_C-13	Shafts	Staten Island Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
StatenIslandOpt5_Shaft_C-13	Shafts	Staten Island Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	7	200	0.74	Diesel
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
StatenIslandOpt5_Shaft_C-15	Shafts	Staten Island Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
StatenIslandOpt5_Shaft_C-15	Shafts	Staten Island Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
StatenIslandOpt5_Shaft_C-15	Shafts	Staten Island Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TerminousOpt6_Shaft_E-1	Shafts	Terminous Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
TerminousOpt6_Shaft_E-1	Shafts	Terminous Shaft Alt 4b	CAT Grader 16H -16' Blade	Graders	6	285	0.41	Diesel
TerminousOpt6_Shaft_E-1	Shafts	Terminous Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	12	359	0.48	Diesel
TerminousOpt6_Shaft_E-3	Shafts	Terminous Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
TerminousOpt6_Shaft_E-3	Shafts	Terminous Shaft Alt 4b	CAT Grader 16H	Graders	6	285	0.41	Diesel
TerminousOpt6_Shaft_E-3	Shafts	Terminous Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
TerminousOpt6_Shaft_E-4	Shafts	Terminous Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
TerminousOpt6_Shaft_E-4	Shafts	Terminous Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	9	350	0.29	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	Hydraulic Excavator to 3.5	Excavators	4	350	0.38	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
TerminousOpt6_Shaft_E-8	Shafts	Terminous Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TerminousOpt6_Shaft_E-9	Shafts	Terminous Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TerminousOpt6_Shaft_E-9	Shafts	Terminous Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
TerminousOpt6_Shaft_E-9	Shafts	Terminous Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
TerminousOpt6_Shaft_E-10	Shafts	Terminous Shaft Alt 4b	Dewater Pump 6"	Pumps	43	50	0.74	Diesel
TerminousOpt6_Shaft_E-10	Shafts	Terminous Shaft Alt 4b	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel
TerminousOpt6_Shaft_E-10	Shafts	Terminous Shaft Alt 4b	Hydraulic 15 Ton Crane	Cranes	11	100	0.29	Diesel
TerminousOpt6_Shaft_E-11	Shafts	Terminous Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
TerminousOpt6_Shaft_E-11	Shafts	Terminous Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
TerminousOpt6_Shaft_E-11	Shafts	Terminous Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TerminousOpt6_Shaft_E-12	Shafts	Terminous Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
TerminousOpt6_Shaft_E-12	Shafts	Terminous Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TerminousOpt6_Shaft_E-13	Shafts	Terminous Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
TerminousOpt6_Shaft_E-13	Shafts	Terminous Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	9	200	0.74	Diesel
TerminousOpt6_Shaft_E-13	Shafts	Terminous Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
TerminousOpt6_Shaft_E-13	Shafts	Terminous Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	15	900	0.29	Diesel
TerminousOpt6_Shaft_E-14	Shafts	Terminous Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
TerminousOpt6_Shaft_E-14	Shafts	Terminous Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
TerminousOpt6_Shaft_E-14	Shafts	Terminous Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Air Compressor 185 CFM	Air Compressors	3	49	0.48	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt5_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt5_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2b	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt5_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
TwinCitiesOpt5_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2b	Grader 16H -16' Blade	Graders	23	285	0.41	Diesel
TwinCitiesOpt5_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2b	623G Scraper Elevate 21 CY	Scrapers	45	359	0.48	Diesel
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	CAT 825H Compactor	Rollers	10	315	0.38	Diesel
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	CAT Grader 16H	Graders	9	285	0.41	Diesel
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	10	393	0.36	Diesel
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	180	328	0.43	Diesel
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	623G Scraper Elevate 21 CY	Scrapers	34	359	0.48	Diesel
TwinCitiesOpt5_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt5_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2b	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt5_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt5_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	CAT CB-634D Vibratory 84"	Rollers	59	145	0.38	Diesel
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	CAT Grader 16H	Graders	59	285	0.41	Diesel
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	59	328	0.43	Diesel
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
TwinCitiesOpt5_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt5_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	9	130	0.36	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	22	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	22	85	0.29	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	22	63	0.31	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	Heavy Duty Mechanic Welder	Welders	9	400	0.74	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	9	540	0.48	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	Truck Crane Lattice Boom 90T	Cranes	9	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2b	Telescope RT Forklift 5500	Forklifts	9	63	0.20	Diesel
TwinCitiesOpt5_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	4	100	0.29	Diesel
TwinCitiesOpt5_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 15 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt5_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2b	Dewater Pump 6"	Pumps	36	50	0.74	Diesel
TwinCitiesOpt5_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2b	150 KW Diesel Generator	Generator Sets	9	183	0.74	Diesel
TwinCitiesOpt5_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
TwinCitiesOpt5_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2b	Trailer Conc Pump 100 CY HR	Pumps	6	200	0.74	Diesel
TwinCitiesOpt5_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
TwinCitiesOpt5_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	10	540	0.48	Diesel
TwinCitiesOpt5_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	10	100	0.29	Diesel
TwinCitiesOpt5_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2b	Truck Crane Lattice Boom 90T	Cranes	10	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2b	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
TwinCitiesOpt5_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2b	Heavy Duty Mechanic Welder	Welders	10	400	0.74	Diesel
TwinCitiesOpt5_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	5	393	0.36	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Grout Pump	Pumps	<1	500	0.74	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Grout Mixer	Cement and Mortar Mixers	<1	70	0.56	Diesel
TwinCitiesOpt5_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	24	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	22	350	0.29	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	1600 CFM Compressor Diesel	Air Compressors	<1	540	0.48	Diesel
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Heavy Duty Mechanic Welder	Welders	<1	400	0.74	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	16	310	0.43	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 12 M	Graders	5	173	0.41	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	33	320	0.44	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	42	400	0.36	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	1	170	0.36	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 631G Scraper, Conventional	Scrapers	12	515	0.48	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Air Compressor 185 CFM	Air Compressors	3	49	0.48	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt6_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt6_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4b	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt6_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
TwinCitiesOpt6_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4b	Grader 16H -16' Blade	Graders	23	285	0.41	Diesel
TwinCitiesOpt6_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	45	359	0.48	Diesel
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	CAT 825H Compactor	Rollers	10	315	0.38	Diesel
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	CAT Grader 16H	Graders	9	285	0.41	Diesel
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	10	393	0.36	Diesel
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	180	328	0.43	Diesel
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	34	359	0.48	Diesel
TwinCitiesOpt6_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt6_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4b	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt6_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt6_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	59	145	0.38	Diesel
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	CAT Grader 16H	Graders	59	285	0.41	Diesel
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	59	328	0.43	Diesel
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
TwinCitiesOpt6_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt6_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	9	130	0.36	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	22	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	22	85	0.29	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	22	63	0.31	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	Heavy Duty Mechanic Welder	Welders	9	400	0.74	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	9	540	0.48	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	Truck Crane Lattice Boom 90T	Cranes	9	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4b	Telescope RT Forklift 5500	Forklifts	9	63	0.20	Diesel
TwinCitiesOpt6_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	4	100	0.29	Diesel
TwinCitiesOpt6_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 15 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt6_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4b	Dewater Pump 6"	Pumps	36	50	0.74	Diesel
TwinCitiesOpt6_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4b	150 KW Diesel Generator	Generator Sets	9	183	0.74	Diesel
TwinCitiesOpt6_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
TwinCitiesOpt6_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	6	200	0.74	Diesel
TwinCitiesOpt6_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
TwinCitiesOpt6_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	10	540	0.48	Diesel
TwinCitiesOpt6_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	10	100	0.29	Diesel
TwinCitiesOpt6_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4b	Truck Crane Lattice Boom 90T	Cranes	10	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4b	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
TwinCitiesOpt6_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4b	Heavy Duty Mechanic Welder	Welders	10	400	0.74	Diesel
TwinCitiesOpt6_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	4	400	0.36	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Grout Pump	Pumps	<1	500	0.74	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Grout Mixer	Cement and Mortar Mixers	<1	70	0.56	Diesel
TwinCitiesOpt6_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	24	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	22	350	0.29	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	<1	540	0.48	Diesel
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Heavy Duty Mechanic Welder	Welders	<1	400	0.74	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	16	310	0.43	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 12 M	Graders	5	173	0.41	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	33	320	0.44	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	42	400	0.36	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	1	170	0.36	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 631G Scraper, Conventional	Scrapers	12	515	0.48	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
UpperJonesOpt6_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
UpperJonesOpt6_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4b	CAT Grader 16H -16' Blade	Graders	2	285	0.41	Diesel
UpperJonesOpt6_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4b	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	Air Compressor 375 CFM	Air Compressors	19	122	0.48	Diesel
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	Grove RT Crane 30T	Cranes	19	160	0.29	Diesel
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	DMM Deep Soil Mixer	Trenchers	19	808	0.50	Diesel
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	DMM Grout Mix Plant	Other General Industrial Equipment	19	500	0.34	Diesel
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	Portable 90 Kw Diesel	Generator Sets	19	158	0.74	Diesel
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	Case 590 SupN Loader	Rubber Tired Loaders	19	110	0.36	Diesel
UpperJonesOpt6_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4b	Water Pump 4" Electric	Pumps	19	10	0.74	Diesel
UpperJonesOpt6_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4b	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
UpperJonesOpt6_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4b	CAT Grader 16H	Graders	6	285	0.41	Diesel
UpperJonesOpt6_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4b	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
UpperJonesOpt6_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	3	138	0.38	Diesel
UpperJonesOpt6_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	3	130	0.36	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	Hydraulic 55 Ton Crane	Cranes	14	350	0.29	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	7	8	0.56	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	Slurry Wall Techniwell	Pumps	7	500	0.74	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
UpperJonesOpt6_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4b	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
UpperJonesOpt6_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
UpperJonesOpt6_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4b	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
UpperJonesOpt6_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UpperJonesOpt6_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
UpperJonesOpt6_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
UpperJonesOpt6_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4b	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
UpperJonesOpt6_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4b	Dewater Pump 6"	Pumps	50	50	0.74	Diesel
UpperJonesOpt6_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4b	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
UpperJonesOpt6_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4b	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
UpperJonesOpt6_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
UpperJonesOpt6_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOpt6_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UpperJonesOpt6_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
UpperJonesOpt6_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UpperJonesOpt6_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
UpperJonesOpt6_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4b	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
UpperJonesOpt6_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4b	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
UpperJonesOpt6_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
UpperJonesOpt6_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
UpperJonesOpt6_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
UpperJonesOpt6_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4b	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
UpperJonesOpt6_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
NewHopeOpt9_Shaft_C-1	Shafts	New Hope Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
NewHopeOpt9_Shaft_C-1	Shafts	New Hope Shaft Alt 2a	CAT Grader 16H - 16' Blade	Graders	1	285	0.41	Diesel
NewHopeOpt9_Shaft_C-1	Shafts	New Hope Shaft Alt 2a	623G Scraper Elevate 21 CY	Scrapers	2	359	0.48	Diesel
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	DMM Deep Soil Mixer	Trenchers	17	808	0.50	Diesel
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	DMM Grout Mix Plant	Other General Industrial Equipment	17	500	0.34	Diesel
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	Portable 90 Kw Diesel	Generator Sets	17	158	0.74	Diesel
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	Case 590 SupN Loader	Rubber Tired Loaders	17	110	0.36	Diesel
NewHopeOpt9_Shaft_C-2	Shafts	New Hope Shaft Alt 2a	Water Pump 4" Electric	Pumps	17	10	0.74	Diesel
NewHopeOpt9_Shaft_C-3	Shafts	New Hope Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	12	145	0.38	Diesel
NewHopeOpt9_Shaft_C-3	Shafts	New Hope Shaft Alt 2a	CAT Grader 16H	Graders	12	285	0.41	Diesel
NewHopeOpt9_Shaft_C-3	Shafts	New Hope Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	12	328	0.43	Diesel
NewHopeOpt9_Shaft_C-4	Shafts	New Hope Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
NewHopeOpt9_Shaft_C-4	Shafts	New Hope Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	15	350	0.29	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	7	8	0.56	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	Slurry Wall Techniwell	Pumps	7	500	0.74	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
NewHopeOpt9_Shaft_C-7	Shafts	New Hope Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
NewHopeOpt9_Shaft_C-7	Shafts	New Hope Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt9_Shaft_C-7	Shafts	New Hope Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
NewHopeOpt9_Shaft_C-7	Shafts	New Hope Shaft Alt 2a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	6	345	0.38	Diesel
NewHopeOpt9_Shaft_C-8	Shafts	New Hope Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt9_Shaft_C-9	Shafts	New Hope Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
NewHopeOpt9_Shaft_C-9	Shafts	New Hope Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
NewHopeOpt9_Shaft_C-9	Shafts	New Hope Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
NewHopeOpt9_Shaft_C-10	Shafts	New Hope Shaft Alt 2a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel
NewHopeOpt9_Shaft_C-10	Shafts	New Hope Shaft Alt 2a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
NewHopeOpt9_Shaft_C-10	Shafts	New Hope Shaft Alt 2a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
NewHopeOpt9_Shaft_C-11	Shafts	New Hope Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt9_Shaft_C-11	Shafts	New Hope Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt9_Shaft_C-11	Shafts	New Hope Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt9_Shaft_C-12	Shafts	New Hope Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
NewHopeOpt9_Shaft_C-12	Shafts	New Hope Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
NewHopeOpt9_Shaft_C-13	Shafts	New Hope Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
NewHopeOpt9_Shaft_C-13	Shafts	New Hope Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
NewHopeOpt9_Shaft_C-13	Shafts	New Hope Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
NewHopeOpt9_Shaft_C-13	Shafts	New Hope Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
NewHopeOpt9_Shaft_C-14	Shafts	New Hope Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
NewHopeOpt10_Shaft_E-1	Shafts	New Hope Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	16	328	0.43	Diesel
NewHopeOpt10_Shaft_E-1	Shafts	New Hope Shaft Alt 4a	CAT Grader 16H - 16' Blade	Graders	16	285	0.41	Diesel
NewHopeOpt10_Shaft_E-1	Shafts	New Hope Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	31	359	0.48	Diesel
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	DMM Deep Soil Mixer	Trenchers	17	808	0.50	Diesel
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	DMM Grout Mix Plant	Other General Industrial Equipment	17	500	0.34	Diesel
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	Portable 90 Kw Diesel	Generator Sets	17	158	0.74	Diesel
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	Case 590 SupN Loader	Rubber Tired Loaders	17	110	0.36	Diesel
NewHopeOpt10_Shaft_E-2	Shafts	New Hope Shaft Alt 4a	Water Pump 4" Electric	Pumps	17	10	0.74	Diesel
NewHopeOpt10_Shaft_E-3	Shafts	New Hope Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
NewHopeOpt10_Shaft_E-3	Shafts	New Hope Shaft Alt 4a	CAT Grader 16H	Graders	8	285	0.41	Diesel
NewHopeOpt10_Shaft_E-3	Shafts	New Hope Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
NewHopeOpt10_Shaft_E-4	Shafts	New Hope Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
NewHopeOpt10_Shaft_E-4	Shafts	New Hope Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
NewHopeOpt10_Shaft_E-7	Shafts	New Hope Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt10_Shaft_E-7	Shafts	New Hope Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
NewHopeOpt10_Shaft_E-7	Shafts	New Hope Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	7	138	0.38	Diesel
NewHopeOpt10_Shaft_E-7	Shafts	New Hope Shaft Alt 4a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	7	345	0.38	Diesel
NewHopeOpt10_Shaft_E-8	Shafts	New Hope Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt10_Shaft_E-9	Shafts	New Hope Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
NewHopeOpt10_Shaft_E-9	Shafts	New Hope Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
NewHopeOpt10_Shaft_E-9	Shafts	New Hope Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
NewHopeOpt10_Shaft_E-10	Shafts	New Hope Shaft Alt 4a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
NewHopeOpt10_Shaft_E-10	Shafts	New Hope Shaft Alt 4a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel
NewHopeOpt10_Shaft_E-10	Shafts	New Hope Shaft Alt 4a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
NewHopeOpt10_Shaft_E-11	Shafts	New Hope Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt10_Shaft_E-11	Shafts	New Hope Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt10_Shaft_E-11	Shafts	New Hope Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt10_Shaft_E-12	Shafts	New Hope Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
NewHopeOpt10_Shaft_E-12	Shafts	New Hope Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
NewHopeOpt10_Shaft_E-14	Shafts	New Hope Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
StatenIslandOpt9_Shaft_C-1	Shafts	Staten Island Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	13	328	0.43	Diesel
StatenIslandOpt9_Shaft_C-1	Shafts	Staten Island Shaft Alt 2a	CAT Grader 16H - 16' Blade	Graders	13	285	0.41	Diesel
StatenIslandOpt9_Shaft_C-1	Shafts	Staten Island Shaft Alt 2a	623G Scraper Elevate 21 CY	Scrapers	27	359	0.48	Diesel
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	Air Compressor 375 CFM	Air Compressors	20	122	0.48	Diesel
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	Grove RT Crane 30T	Cranes	20	160	0.29	Diesel
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	DMM Deep Soil Mixer	Trenchers	20	808	0.50	Diesel
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	DMM Grout Mix Plant	Other General Industrial Equipment	20	500	0.34	Diesel
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	Portable 90 Kw Diesel	Generator Sets	20	158	0.74	Diesel
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	Case 590 SupN Loader	Rubber Tired Loaders	20	110	0.36	Diesel
StatenIslandOpt9_Shaft_C-2	Shafts	Staten Island Shaft Alt 2a	Water Pump 4" Electric	Pumps	20	10	0.74	Diesel
StatenIslandOpt9_Shaft_C-3	Shafts	Staten Island Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	12	145	0.38	Diesel
StatenIslandOpt9_Shaft_C-3	Shafts	Staten Island Shaft Alt 2a	CAT Grader 16H	Graders	12	285	0.41	Diesel
StatenIslandOpt9_Shaft_C-3	Shafts	Staten Island Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	12	328	0.43	Diesel
StatenIslandOpt9_Shaft_C-4	Shafts	Staten Island Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
StatenIslandOpt9_Shaft_C-4	Shafts	Staten Island Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
StatenIslandOpt9_Shaft_C-7	Shafts	Staten Island Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
StatenIslandOpt9_Shaft_C-7	Shafts	Staten Island Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
StatenIslandOpt9_Shaft_C-7	Shafts	Staten Island Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
StatenIslandOpt9_Shaft_C-7	Shafts	Staten Island Shaft Alt 2a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	6	345	0.38	Diesel
StatenIslandOpt9_Shaft_C-8	Shafts	Staten Island Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
StatenIslandOpt9_Shaft_C-9	Shafts	Staten Island Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
StatenIslandOpt9_Shaft_C-9	Shafts	Staten Island Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
StatenIslandOpt9_Shaft_C-9	Shafts	Staten Island Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	3	100	0.29	Diesel
StatenIslandOpt9_Shaft_C-10	Shafts	Staten Island Shaft Alt 2a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel
StatenIslandOpt9_Shaft_C-10	Shafts	Staten Island Shaft Alt 2a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
StatenIslandOpt9_Shaft_C-10	Shafts	Staten Island Shaft Alt 2a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
StatenIslandOpt9_Shaft_C-11	Shafts	Staten Island Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
StatenIslandOpt9_Shaft_C-11	Shafts	Staten Island Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
StatenIslandOpt9_Shaft_C-11	Shafts	Staten Island Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
StatenIslandOpt9_Shaft_C-12	Shafts	Staten Island Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
StatenIslandOpt9_Shaft_C-12	Shafts	Staten Island Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
StatenIslandOpt9_Shaft_C-13	Shafts	Staten Island Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
StatenIslandOpt9_Shaft_C-13	Shafts	Staten Island Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
StatenIslandOpt9_Shaft_C-13	Shafts	Staten Island Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	9	200	0.74	Diesel
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
StatenIslandOpt9_Shaft_C-15	Shafts	Staten Island Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
StatenIslandOpt9_Shaft_C-15	Shafts	Staten Island Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
StatenIslandOpt9_Shaft_C-15	Shafts	Staten Island Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
MandIslandOpt9_Shaft_C-1	Shafts	Mandeville Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
MandIslandOpt9_Shaft_C-1	Shafts	Mandeville Shaft Alt 2a	CAT Grader 16H - 16' Blade	Graders	2	285	0.41	Diesel
MandIslandOpt9_Shaft_C-1	Shafts	Mandeville Shaft Alt 2a	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	Air Compressor 375 CFM	Air Compressors	13	122	0.48	Diesel
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	Case 590 SupN Loader	Rubber Tired Loaders	13	110	0.36	Diesel
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	DMM Deep Soil Mixer	Trenchers	13	808	0.50	Diesel
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	DMM Grout Mix Plant	Other General Industrial Equipment	13	500	0.34	Diesel
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	Grove RT Crane 30T	Cranes	13	160	0.29	Diesel
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	Portable 90 Kw Diesel	Generator Sets	13	158	0.74	Diesel
MandIslandOpt9_Shaft_C-2	Shafts	Mandeville Shaft Alt 2a	Water Pump 4" Electric	Pumps	13	10	0.74	Diesel
MandIslandOpt9_Shaft_C-3	Shafts	Mandeville Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	9	145	0.38	Diesel
MandIslandOpt9_Shaft_C-3	Shafts	Mandeville Shaft Alt 2a	CAT Grader 16H	Graders	9	285	0.41	Diesel
MandIslandOpt9_Shaft_C-3	Shafts	Mandeville Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
MandIslandOpt9_Shaft_C-4	Shafts	Mandeville Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
MandIslandOpt9_Shaft_C-4	Shafts	Mandeville Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	11	130	0.36	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	6	345	0.38	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
MandIslandOpt9_Shaft_C-7	Shafts	Mandeville Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
MandIslandOpt9_Shaft_C-8	Shafts	Mandeville Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
MandIslandOpt9_Shaft_C-9	Shafts	Mandeville Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
MandIslandOpt9_Shaft_C-9	Shafts	Mandeville Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
MandIslandOpt9_Shaft_C-9	Shafts	Mandeville Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
MandIslandOpt9_Shaft_C-10	Shafts	Mandeville Shaft Alt 2a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel
MandIslandOpt9_Shaft_C-10	Shafts	Mandeville Shaft Alt 2a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
MandIslandOpt9_Shaft_C-10	Shafts	Mandeville Shaft Alt 2a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
MandIslandOpt9_Shaft_C-11	Shafts	Mandeville Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
MandIslandOpt9_Shaft_C-11	Shafts	Mandeville Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
MandIslandOpt9_Shaft_C-11	Shafts	Mandeville Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
MandIslandOpt9_Shaft_C-12	Shafts	Mandeville Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
MandIslandOpt9_Shaft_C-12	Shafts	Mandeville Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
MandIslandOpt9_Shaft_C-14	Shafts	Mandeville Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
MandIslandOpt9_Shaft_C-14	Shafts	Mandeville Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
MandIslandOpt9_Shaft_C-14	Shafts	Mandeville Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
BaconOpt9_Shaft_C-1	Shafts	Bacon Shaft Alt 2a	Air Compressor 185 cfm	Air Compressors	27	49	0.48	Diesel
BaconOpt9_Shaft_C-1	Shafts	Bacon Shaft Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	13	75	0.31	Diesel
BaconOpt9_Shaft_C-1	Shafts	Bacon Shaft Alt 2a	Grove RT Crane 80T, 275hp	Cranes	27	275	0.29	Diesel
BaconOpt9_Shaft_C-1	Shafts	Bacon Shaft Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	13	100	0.29	Diesel
BaconOpt9_Shaft_C-2	Shafts	Bacon Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	10	328	0.43	Diesel
BaconOpt9_Shaft_C-2	Shafts	Bacon Shaft Alt 2a	623G Scraper Elevate 21 CY	Scrapers	20	359	0.48	Diesel
BaconOpt9_Shaft_C-2	Shafts	Bacon Shaft Alt 2a	CAT Grader 16H - 16' Blade	Graders	10	285	0.41	Diesel
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	Air Compressor 375 CFM	Air Compressors	20	122	0.48	Diesel
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	Case 590 SupN Loader	Rubber Tired Loaders	20	110	0.36	Diesel
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	DMM Deep Soil Mixer	Trenchers	20	808	0.50	Diesel
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	DMM Grout Mix Plant	Other General Industrial Equipment	20	500	0.34	Diesel
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	Grove RT Crane 30T	Cranes	20	160	0.29	Diesel
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	Portable 90 Kw Diesel	Generator Sets	20	158	0.74	Diesel
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	Water Pump 4" Electric	Pumps	20	10	0.74	Diesel
BaconOpt9_Shaft_C-4	Shafts	Bacon Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	15	145	0.38	Diesel
BaconOpt9_Shaft_C-4	Shafts	Bacon Shaft Alt 2a	CAT Grader 16H	Graders	15	285	0.41	Diesel
BaconOpt9_Shaft_C-4	Shafts	Bacon Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	15	328	0.43	Diesel
BaconOpt9_Shaft_C-5	Shafts	Bacon Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
BaconOpt9_Shaft_C-5	Shafts	Bacon Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
BaconOpt9_Shaft_C-8	Shafts	Bacon Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
BaconOpt9_Shaft_C-8	Shafts	Bacon Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BaconOpt9_Shaft_C-8	Shafts	Bacon Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
BaconOpt9_Shaft_C-9	Shafts	Bacon Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
BaconOpt9_Shaft_C-10	Shafts	Bacon Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
BaconOpt9_Shaft_C-10	Shafts	Bacon Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
BaconOpt9_Shaft_C-10	Shafts	Bacon Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
BaconOpt9_Shaft_C-11	Shafts	Bacon Shaft Alt 2a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BaconOpt9_Shaft_C-11	Shafts	Bacon Shaft Alt 2a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
BaconOpt9_Shaft_C-11	Shafts	Bacon Shaft Alt 2a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
BaconOpt9_Shaft_C-12	Shafts	Bacon Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
BaconOpt9_Shaft_C-12	Shafts	Bacon Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
BaconOpt9_Shaft_C-12	Shafts	Bacon Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
BaconOpt9_Shaft_C-13	Shafts	Bacon Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
BaconOpt9_Shaft_C-13	Shafts	Bacon Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
BaconOpt9_Shaft_C-14	Shafts	Bacon Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
BaconOpt9_Shaft_C-14	Shafts	Bacon Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
BaconOpt9_Shaft_C-14	Shafts	Bacon Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
BaconOpt9_Shaft_C-14	Shafts	Bacon Shaft Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	7	900	0.29	Diesel
BaconOpt9_Shaft_C-15	Shafts	Bacon Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
BaconOpt9_Shaft_C-15	Shafts	Bacon Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
BaconOpt9_Shaft_C-15	Shafts	Bacon Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
BaconOpt9_Shaft_C-18	Shafts	Bacon Shaft Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	16	75	0.31	Diesel
BaconOpt9_Shaft_C-18	Shafts	Bacon Shaft Alt 2a	Grove RT Crane 80T, 275hp	Cranes	16	275	0.29	Diesel
BaconOpt9_Shaft_C-18	Shafts	Bacon Shaft Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	Air Compressor 185 CFM	Air Compressors	1	49	0.48	Diesel
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	46	63	0.31	Diesel
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
TwinCitiesOpt9_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt9_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2a	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt9_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	24	328	0.43	Diesel
TwinCitiesOpt9_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2a	Grader 16H - 16' Blade	Graders	24	285	0.41	Diesel
TwinCitiesOpt9_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2a	623G Scraper Elevate 21 CY	Scrapers	47	359	0.48	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	CAT Grader 16H	Graders	1	285	0.41	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	16	328	0.43	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	623G Scraper Elevate 21 CY	Scrapers	30	359	0.48	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
TwinCitiesOpt9_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt9_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2a	CAT Grader 16H	Graders	11	285	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt9_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt9_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt9_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	11	130	0.36	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	7	8	0.56	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	Slurry Wall Techniwell	Pumps	7	500	0.74	Diesel
TwinCitiesOpt9_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt9_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt9_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	19	63	0.31	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	Heavy Duty Mechanic Welder	Welders	6	400	0.74	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	19	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	19	85	0.29	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	Telescope RT Forklift 5500	Forklifts	6	63	0.20	Diesel
TwinCitiesOpt9_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2a	Truck Crane Lattice Boom 90T	Cranes	6	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2a	Dewater Pump 6"	Pumps	40	50	0.74	Diesel
TwinCitiesOpt9_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2a	150 KW Diesel Generator	Generator Sets	5	183	0.74	Diesel
TwinCitiesOpt9_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
TwinCitiesOpt9_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	14	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt9_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
TwinCitiesOpt9_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
TwinCitiesOpt9_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
TwinCitiesOpt9_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2a	Truck Crane Lattice Boom 90T	Cranes	7	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2a	Telescope RT Forklift 5500	Forklifts	7	63	0.20	Diesel
TwinCitiesOpt9_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2a	Heavy Duty Mechanic Welder	Welders	7	400	0.74	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	28	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	18	63	0.31	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	29	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	12	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Telescope RT Forklift 5500	Forklifts	14	63	0.20	Diesel
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	<1	540	0.48	Diesel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Heavy Duty Mechanic Welder	Welders	<1	400	0.74	Diesel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 12 M	Graders	6	173	0.41	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	6	320	0.44	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 631G Scraper, Conventional	Scrapers	13	515	0.48	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	2	170	0.36	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	17	310	0.43	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	Air Compressor 185 CFM	Air Compressors	1	49	0.48	Diesel
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	46	63	0.31	Diesel
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
TwinCitiesOpt10_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt10_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4a	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt10_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	24	328	0.43	Diesel
TwinCitiesOpt10_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4a	Grader 16H - 16' Blade	Graders	24	285	0.41	Diesel
TwinCitiesOpt10_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	47	359	0.48	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	CAT Grader 16H	Graders	1	285	0.41	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	16	328	0.43	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	30	359	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
TwinCitiesOpt10_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt10_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4a	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt10_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt10_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt10_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	11	130	0.36	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	7	8	0.56	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	Slurry Wall Techniwell	Pumps	7	500	0.74	Diesel
TwinCitiesOpt10_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt10_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt10_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	19	63	0.31	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	Heavy Duty Mechanic Welder	Welders	6	400	0.74	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	19	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	19	85	0.29	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	Telescope RT Forklift 5500	Forklifts	6	63	0.20	Diesel
TwinCitiesOpt10_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4a	Truck Crane Lattice Boom 90T	Cranes	6	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4a	Dewater Pump 6"	Pumps	40	50	0.74	Diesel
TwinCitiesOpt10_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4a	150 KW Diesel Generator	Generator Sets	5	183	0.74	Diesel
TwinCitiesOpt10_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt10_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
TwinCitiesOpt10_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	14	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
TwinCitiesOpt10_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
TwinCitiesOpt10_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
TwinCitiesOpt10_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4a	Truck Crane Lattice Boom 90T	Cranes	7	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4a	Telescope RT Forklift 5500	Forklifts	7	63	0.20	Diesel
TwinCitiesOpt10_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4a	Heavy Duty Mechanic Welder	Welders	7	400	0.74	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	28	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	18	63	0.31	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	19	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	29	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	12	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Telescope RT Forklift 5500	Forklifts	14	63	0.20	Diesel
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	<1	540	0.48	Diesel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Heavy Duty Mechanic Welder	Welders	<1	400	0.74	Diesel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 12 M	Graders	6	173	0.41	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	6	320	0.44	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 631G Scraper, Conventional	Scrapers	13	515	0.48	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	2	170	0.36	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	17	310	0.43	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
CanalRanchOpt10_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
CanalRanchOpt10_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4a	CAT Grader 16H - 16' Blade	Graders	8	285	0.41	Diesel
CanalRanchOpt10_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	17	359	0.48	Diesel
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	Air Compressor 375 CFM	Air Compressors	2	122	0.48	Diesel
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	DMM Deep Soil Mixer	Trenchers	2	808	0.50	Diesel
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	DMM Grout Mix Plant	Other General Industrial Equipment	2	500	0.34	Diesel
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	Portable 90 Kw Diesel	Generator Sets	2	158	0.74	Diesel
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	Case 590 SupN Loader	Rubber Tired Loaders	2	110	0.36	Diesel
CanalRanchOpt10_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4a	Water Pump 4" Electric	Pumps	2	10	0.74	Diesel
CanalRanchOpt10_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	5	145	0.38	Diesel
CanalRanchOpt10_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4a	CAT Grader 16H	Graders	5	285	0.41	Diesel
CanalRanchOpt10_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
CanalRanchOpt10_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
CanalRanchOpt10_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
CanalRanchOpt10_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
CanalRanchOpt10_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
CanalRanchOpt10_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
CanalRanchOpt10_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	6	345	0.38	Diesel
CanalRanchOpt10_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
CanalRanchOpt10_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
CanalRanchOpt10_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
CanalRanchOpt10_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
CanalRanchOpt10_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel
CanalRanchOpt10_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
CanalRanchOpt10_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
CanalRanchOpt10_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
CanalRanchOpt10_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
CanalRanchOpt10_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	11	200	0.74	Diesel
CanalRanchOpt10_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
CanalRanchOpt10_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
CanalRanchOpt10_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
CanalRanchOpt10_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
CanalRanchOpt10_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
BouldinOpt9_Shaft_C-1	Shafts	Bouldin Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
BouldinOpt9_Shaft_C-1	Shafts	Bouldin Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
BouldinOpt9_Shaft_C-1	Shafts	Bouldin Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
BouldinOpt9_Shaft_C-3	Shafts	Bouldin Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	54	328	0.43	Diesel
BouldinOpt9_Shaft_C-3	Shafts	Bouldin Shaft Alt 2a	Grader 16H - 16' Blade	Graders	54	285	0.41	Diesel
BouldinOpt9_Shaft_C-3	Shafts	Bouldin Shaft Alt 2a	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	Air Compressor 375 CFM	Air Compressors	25	122	0.48	Diesel
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	Grove RT Crane 30T	Cranes	25	160	0.29	Diesel
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	DMM Deep Soil Mixer	Trenchers	25	808	0.50	Diesel
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	DMM Grout Mix Plant	Other General Industrial Equipment	25	500	0.34	Diesel
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	Portable 90 Kw Diesel	Generator Sets	25	158	0.74	Diesel
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	Case 590 SupN Loader	Rubber Tired Loaders	25	110	0.36	Diesel
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	Water Pump 4" Electric	Pumps	25	10	0.74	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	Air Compressor 375 CFM	Air Compressors	16	122	0.48	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	CAT Grader 16H	Graders	1	285	0.41	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
BouldinOpt9_Shaft_C-6	Shafts	Bouldin Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	24	145	0.38	Diesel
BouldinOpt9_Shaft_C-6	Shafts	Bouldin Shaft Alt 2a	CAT Grader 16H	Graders	24	285	0.41	Diesel
BouldinOpt9_Shaft_C-6	Shafts	Bouldin Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	24	328	0.43	Diesel
BouldinOpt9_Shaft_C-7	Shafts	Bouldin Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
BouldinOpt9_Shaft_C-8	Shafts	Bouldin Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
BouldinOpt9_Shaft_C-8	Shafts	Bouldin Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	11	130	0.36	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	2	393	0.36	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT Grader 16H	Graders	2	285	0.41	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	7	8	0.56	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Slurry Wall Techniwell	Pumps	7	500	0.74	Diesel
BouldinOpt9_Shaft_C-10	Shafts	Bouldin Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
BouldinOpt9_Shaft_C-11	Shafts	Bouldin Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
BouldinOpt9_Shaft_C-11	Shafts	Bouldin Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
BouldinOpt9_Shaft_C-11	Shafts	Bouldin Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
BouldinOpt9_Shaft_C-12	Shafts	Bouldin Shaft Alt 2a	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
BouldinOpt9_Shaft_C-12	Shafts	Bouldin Shaft Alt 2a	Dewater Pump 6"	Pumps	42	50	0.74	Diesel
BouldinOpt9_Shaft_C-12	Shafts	Bouldin Shaft Alt 2a	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
BouldinOpt9_Shaft_C-13	Shafts	Bouldin Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
BouldinOpt9_Shaft_C-13	Shafts	Bouldin Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
BouldinOpt9_Shaft_C-13	Shafts	Bouldin Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
BouldinOpt9_Shaft_C-14	Shafts	Bouldin Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
BouldinOpt9_Shaft_C-14	Shafts	Bouldin Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
BouldinOpt9_Shaft_C-15	Shafts	Bouldin Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
BouldinOpt9_Shaft_C-15	Shafts	Bouldin Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
BouldinOpt9_Shaft_C-15	Shafts	Bouldin Shaft Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
BouldinOpt9_Shaft_C-15	Shafts	Bouldin Shaft Alt 2a	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
BouldinOpt9_Shaft_C-16	Shafts	Bouldin Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt9_Shaft_C-16	Shafts	Bouldin Shaft Alt 2a	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
BouldinOpt9_Shaft_C-16	Shafts	Bouldin Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
BouldinOpt9_Shaft_C-16	Shafts	Bouldin Shaft Alt 2a	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
BouldinOpt9_Shaft_C-16	Shafts	Bouldin Shaft Alt 2a	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
BouldinOpt9_Shaft_C-17	Shafts	Bouldin Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
BouldinOpt9_Shaft_C-17	Shafts	Bouldin Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	67	393	0.36	Diesel
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	Grout Pump	Pumps	1	500	0.74	Diesel
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Hydraulic 55 Ton Crane	Cranes	14	350	0.29	Diesel
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Telescope RT Forklift 5500	Forklifts	14	63	0.20	Diesel
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
BouldinOpt9_Shaft_C-20	Shafts	Bouldin Shaft Alt 2a	Telescope RT Forklift 5500	Forklifts	16	63	0.20	Diesel
BouldinOpt9_Shaft_C-21	Shafts	Bouldin Shaft Alt 2a	CAT 14 M	Graders	6	274	0.41	Diesel
BouldinOpt9_Shaft_C-21	Shafts	Bouldin Shaft Alt 2a	Cat 613 C Self Loading Scraper	Scrapers	13	187	0.48	Diesel
BouldinOpt9_Shaft_C-21	Shafts	Bouldin Shaft Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	6	156	0.38	Diesel
BouldinOpt9_Shaft_C-21	Shafts	Bouldin Shaft Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	6	179	0.43	Diesel
BouldinOpt9_Shaft_C-21	Shafts	Bouldin Shaft Alt 2a	Water Pump 4" Electric	Pumps	6	10	0.74	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	CAT 12 M	Graders	<1	173	0.41	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	5	320	0.44	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	CAT 631G Scraper, Conventional	Scrapers	8	515	0.48	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	9	310	0.43	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	3	285	0.44	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	12	345	0.38	Diesel
KingIslandOpt10_Shaft_E-1	Shafts	King Island Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
KingIslandOpt10_Shaft_E-1	Shafts	King Island Shaft Alt 4a	CAT Grader 16H - 16' Blade	Graders	1	285	0.41	Diesel
KingIslandOpt10_Shaft_E-1	Shafts	King Island Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	3	359	0.48	Diesel
KingIslandOpt10_Shaft_E-3	Shafts	King Island Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
KingIslandOpt10_Shaft_E-3	Shafts	King Island Shaft Alt 4a	CAT Grader 16H	Graders	7	285	0.41	Diesel
KingIslandOpt10_Shaft_E-3	Shafts	King Island Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
KingIslandOpt10_Shaft_E-4	Shafts	King Island Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
KingIslandOpt10_Shaft_E-4	Shafts	King Island Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
KingIslandOpt10_Shaft_E-7	Shafts	King Island Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
KingIslandOpt10_Shaft_E-7	Shafts	King Island Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
KingIslandOpt10_Shaft_E-7	Shafts	King Island Shaft Alt 4a	Hydraulic Excavator to 3.5	Excavators	6	350	0.38	Diesel
KingIslandOpt10_Shaft_E-7	Shafts	King Island Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
KingIslandOpt10_Shaft_E-8	Shafts	King Island Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
KingIslandOpt10_Shaft_E-9	Shafts	King Island Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
KingIslandOpt10_Shaft_E-9	Shafts	King Island Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
KingIslandOpt10_Shaft_E-9	Shafts	King Island Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
KingIslandOpt10_Shaft_E-10	Shafts	King Island Shaft Alt 4a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel
KingIslandOpt10_Shaft_E-10	Shafts	King Island Shaft Alt 4a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
KingIslandOpt10_Shaft_E-10	Shafts	King Island Shaft Alt 4a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
KingIslandOpt10_Shaft_E-11	Shafts	King Island Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt10_Shaft_E-11	Shafts	King Island Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
KingIslandOpt10_Shaft_E-11	Shafts	King Island Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
KingIslandOpt10_Shaft_E-12	Shafts	King Island Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
KingIslandOpt10_Shaft_E-12	Shafts	King Island Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
KingIslandOpt10_Shaft_E-14	Shafts	King Island Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
KingIslandOpt10_Shaft_E-14	Shafts	King Island Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
KingIslandOpt10_Shaft_E-14	Shafts	King Island Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	CAT 14 M	Graders	5	274	0.41	Diesel
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	CAT 825, Roller	Rollers	9	315	0.38	Diesel
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	Disk, Towed	Off-Highway Tractors	9	140	0.44	Diesel
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	37	12	0.74	Diesel
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel
LowerRobertsOpt10_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
LowerRobertsOpt10_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4a	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
LowerRobertsOpt10_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
LowerRobertsOpt10_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
LowerRobertsOpt10_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
LowerRobertsOpt10_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
LowerRobertsOpt10_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	53	328	0.43	Diesel
LowerRobertsOpt10_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4a	Grader 16H - 16' Blade	Graders	53	285	0.41	Diesel
LowerRobertsOpt10_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4a	CAT 825H Compactor	Rollers	6	315	0.38	Diesel
LowerRobertsOpt10_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	6	393	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertsOpt10_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
LowerRobertsOpt10_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
LowerRobertsOpt10_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4a	CAT Grader 16H	Graders	6	285	0.41	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Air Compressor 375 CFM	Air Compressors	16	122	0.48	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	CAT Grader 16H	Graders	1	285	0.41	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
LowerRobertsOpt10_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	16	145	0.38	Diesel
LowerRobertsOpt10_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	16	328	0.43	Diesel
LowerRobertsOpt10_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4a	CAT Grader 16H	Graders	16	285	0.41	Diesel
LowerRobertsOpt10_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
LowerRobertsOpt10_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
LowerRobertsOpt10_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	11	130	0.36	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
LowerRobertsOpt10_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
LowerRobertsOpt10_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
LowerRobertsOpt10_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4a	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
LowerRobertsOpt10_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4a	Dewater Pump 6"	Pumps	42	50	0.74	Diesel
LowerRobertsOpt10_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
LowerRobertsOpt10_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
LowerRobertsOpt10_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
LowerRobertsOpt10_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertsOpt10_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
LowerRobertsOpt10_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
LowerRobertsOpt10_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	7	200	0.74	Diesel
LowerRobertsOpt10_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
LowerRobertsOpt10_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4a	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
LowerRobertsOpt10_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
LowerRobertsOpt10_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4a	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
LowerRobertsOpt10_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4a	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
LowerRobertsOpt10_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
LowerRobertsOpt10_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	31	393	0.36	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Grout Pump	Pumps	1	500	0.74	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	22	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	21	63	0.31	Diesel
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
LowerRobertsOpt10_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4a	CAT 14 M	Graders	10	274	0.41	Diesel
LowerRobertsOpt10_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4a	Cat 613 C Self Loading Scraper	Scrapers	21	187	0.48	Diesel
LowerRobertsOpt10_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
LowerRobertsOpt10_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	CAT 12 M	Graders	1	173	0.41	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	CAT 390 MASS EXC	Excavators	12	534	0.38	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	14	320	0.44	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	CAT 631G Scraper, Conventional	Scrapers	24	515	0.48	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	24	310	0.43	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	CAT D9R, Dozer w ripper	Crawler Tractors	2	410	0.43	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	7	285	0.44	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	Hydro Mulcher, 18 HP	Pumps	3	18	0.74	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	33	345	0.38	Diesel
TerminousOpt10_Shaft_E-1	Shafts	Terminous Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
TerminousOpt10_Shaft_E-1	Shafts	Terminous Shaft Alt 4a	CAT Grader 16H - 16' Blade	Graders	7	285	0.41	Diesel
TerminousOpt10_Shaft_E-1	Shafts	Terminous Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	14	359	0.48	Diesel
TerminousOpt10_Shaft_E-3	Shafts	Terminous Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TerminousOpt10_Shaft_E-3	Shafts	Terminous Shaft Alt 4a	CAT Grader 16H	Graders	7	285	0.41	Diesel
TerminousOpt10_Shaft_E-3	Shafts	Terminous Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
TerminousOpt10_Shaft_E-4	Shafts	Terminous Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	7	138	0.38	Diesel
TerminousOpt10_Shaft_E-4	Shafts	Terminous Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	7	8	0.56	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	Slurry Wall Techniwell	Pumps	7	500	0.74	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	Hydraulic Excavator to 3.5	Excavators	6	350	0.38	Diesel
TerminousOpt10_Shaft_E-8	Shafts	Terminous Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
TerminousOpt10_Shaft_E-9	Shafts	Terminous Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
TerminousOpt10_Shaft_E-9	Shafts	Terminous Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
TerminousOpt10_Shaft_E-9	Shafts	Terminous Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
TerminousOpt10_Shaft_E-10	Shafts	Terminous Shaft Alt 4a	150 KW Diesel Generator	Generator Sets	16	183	0.74	Diesel
TerminousOpt10_Shaft_E-10	Shafts	Terminous Shaft Alt 4a	Dewater Pump 6"	Pumps	62	50	0.74	Diesel
TerminousOpt10_Shaft_E-10	Shafts	Terminous Shaft Alt 4a	Hydraulic 15 Ton Crane	Cranes	16	100	0.29	Diesel
TerminousOpt10_Shaft_E-11	Shafts	Terminous Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
TerminousOpt10_Shaft_E-11	Shafts	Terminous Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
TerminousOpt10_Shaft_E-11	Shafts	Terminous Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TerminousOpt10_Shaft_E-12	Shafts	Terminous Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
TerminousOpt10_Shaft_E-12	Shafts	Terminous Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	17	760	0.29	Diesel
TerminousOpt10_Shaft_E-13	Shafts	Terminous Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	21	75	0.48	Diesel
TerminousOpt10_Shaft_E-13	Shafts	Terminous Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
TerminousOpt10_Shaft_E-13	Shafts	Terminous Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	18	900	0.29	Diesel
TerminousOpt10_Shaft_E-13	Shafts	Terminous Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	11	200	0.74	Diesel
TerminousOpt10_Shaft_E-14	Shafts	Terminous Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
TerminousOpt10_Shaft_E-14	Shafts	Terminous Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
TerminousOpt10_Shaft_E-14	Shafts	Terminous Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
UpperJonesOpt10_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
UpperJonesOpt10_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4a	CAT Grader 16H - 16' Blade	Graders	1	285	0.41	Diesel
UpperJonesOpt10_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4a	623G Scraper Elevate 21 CY	Scrapers	1	359	0.48	Diesel
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	Air Compressor 375 CFM	Air Compressors	19	122	0.48	Diesel
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	Case 590 SupN Loader	Rubber Tired Loaders	19	110	0.36	Diesel
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	DMM Deep Soil Mixer	Trenchers	19	808	0.50	Diesel
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	DMM Grout Mix Plant	Other General Industrial Equipment	19	500	0.34	Diesel
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	Grove RT Crane 30T	Cranes	19	160	0.29	Diesel
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	Portable 90 Kw Diesel	Generator Sets	19	158	0.74	Diesel
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	Water Pump 4" Electric	Pumps	19	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
UpperJonesOpt10_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4a	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
UpperJonesOpt10_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4a	CAT Grader 16H	Graders	6	285	0.41	Diesel
UpperJonesOpt10_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4a	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
UpperJonesOpt10_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
UpperJonesOpt10_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
UpperJonesOpt10_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	8	130	0.36	Diesel
UpperJonesOpt10_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
UpperJonesOpt10_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4a	CAT Hyd Excavator 1CY	Excavators	8	138	0.38	Diesel
UpperJonesOpt10_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
UpperJonesOpt10_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
UpperJonesOpt10_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
UpperJonesOpt10_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
UpperJonesOpt10_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4a	Dewater Pump 6"	Pumps	54	50	0.74	Diesel
UpperJonesOpt10_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4a	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
UpperJonesOpt10_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4a	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
UpperJonesOpt10_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
UpperJonesOpt10_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOpt10_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UpperJonesOpt10_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
UpperJonesOpt10_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UpperJonesOpt10_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4a	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
UpperJonesOpt10_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
UpperJonesOpt10_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
UpperJonesOpt10_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
UpperJonesOpt10_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4a	Trailer Conc Pump 100 CY HR	Pumps	6	200	0.74	Diesel
UpperJonesOpt10_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4a	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
UpperJonesOpt10_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4a	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
UpperJonesOpt10_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
BaconOpt7_Shaft_C-1	Shafts	Bacon Shaft Alt 2c	Air Compressor 185 cfm	Air Compressors	27	49	0.48	Diesel
BaconOpt7_Shaft_C-1	Shafts	Bacon Shaft Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	13	75	0.31	Diesel
BaconOpt7_Shaft_C-1	Shafts	Bacon Shaft Alt 2c	Grove RT Crane 80T, 275hp	Cranes	27	275	0.29	Diesel
BaconOpt7_Shaft_C-1	Shafts	Bacon Shaft Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	13	100	0.29	Diesel
BaconOpt7_Shaft_C-2	Shafts	Bacon Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
BaconOpt7_Shaft_C-2	Shafts	Bacon Shaft Alt 2c	623G Scraper Elevate 21 CY	Scrapers	19	359	0.48	Diesel
BaconOpt7_Shaft_C-2	Shafts	Bacon Shaft Alt 2c	CAT Grader 16H - 16' Blade	Graders	9	285	0.41	Diesel
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	Air Compressor 375 CFM	Air Compressors	18	122	0.48	Diesel
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	Case 590 SupN Loader	Rubber Tired Loaders	18	110	0.36	Diesel
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	DMM Deep Soil Mixer	Trenchers	18	808	0.50	Diesel
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	DMM Grout Mix Plant	Other General Industrial Equipment	18	500	0.34	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	Grove RT Crane 30T	Cranes	18	160	0.29	Diesel
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	Portable 90 Kw Diesel	Generator Sets	18	158	0.74	Diesel
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	Water Pump 4" Electric	Pumps	18	10	0.74	Diesel
BaconOpt7_Shaft_C-4	Shafts	Bacon Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	14	145	0.38	Diesel
BaconOpt7_Shaft_C-4	Shafts	Bacon Shaft Alt 2c	CAT Grader 16H	Graders	14	285	0.41	Diesel
BaconOpt7_Shaft_C-4	Shafts	Bacon Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	14	328	0.43	Diesel
BaconOpt7_Shaft_C-5	Shafts	Bacon Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
BaconOpt7_Shaft_C-5	Shafts	Bacon Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	10	350	0.29	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
BaconOpt7_Shaft_C-8	Shafts	Bacon Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
BaconOpt7_Shaft_C-8	Shafts	Bacon Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BaconOpt7_Shaft_C-8	Shafts	Bacon Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
BaconOpt7_Shaft_C-8	Shafts	Bacon Shaft Alt 2c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
BaconOpt7_Shaft_C-9	Shafts	Bacon Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
BaconOpt7_Shaft_C-10	Shafts	Bacon Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
BaconOpt7_Shaft_C-10	Shafts	Bacon Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
BaconOpt7_Shaft_C-10	Shafts	Bacon Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
BaconOpt7_Shaft_C-11	Shafts	Bacon Shaft Alt 2c	Dewater Pump 6"	Pumps	51	50	0.74	Diesel
BaconOpt7_Shaft_C-11	Shafts	Bacon Shaft Alt 2c	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
BaconOpt7_Shaft_C-11	Shafts	Bacon Shaft Alt 2c	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
BaconOpt7_Shaft_C-12	Shafts	Bacon Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
BaconOpt7_Shaft_C-12	Shafts	Bacon Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
BaconOpt7_Shaft_C-12	Shafts	Bacon Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
BaconOpt7_Shaft_C-13	Shafts	Bacon Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
BaconOpt7_Shaft_C-13	Shafts	Bacon Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
BaconOpt7_Shaft_C-14	Shafts	Bacon Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
BaconOpt7_Shaft_C-14	Shafts	Bacon Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
BaconOpt7_Shaft_C-14	Shafts	Bacon Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
BaconOpt7_Shaft_C-14	Shafts	Bacon Shaft Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	6	900	0.29	Diesel
BaconOpt7_Shaft_C-15	Shafts	Bacon Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
BaconOpt7_Shaft_C-15	Shafts	Bacon Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
BaconOpt7_Shaft_C-15	Shafts	Bacon Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
BaconOpt7_Shaft_C-18	Shafts	Bacon Shaft Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	16	75	0.31	Diesel
BaconOpt7_Shaft_C-18	Shafts	Bacon Shaft Alt 2c	Grove RT Crane 80T, 275hp	Cranes	16	275	0.29	Diesel
BaconOpt7_Shaft_C-18	Shafts	Bacon Shaft Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
BouldinOpt7_Shaft_C-1	Shafts	Bouldin Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
BouldinOpt7_Shaft_C-1	Shafts	Bouldin Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
BouldinOpt7_Shaft_C-1	Shafts	Bouldin Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
BouldinOpt7_Shaft_C-3	Shafts	Bouldin Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	54	328	0.43	Diesel
BouldinOpt7_Shaft_C-3	Shafts	Bouldin Shaft Alt 2c	Grader 16H - 16' Blade	Graders	54	285	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt7_Shaft_C-3	Shafts	Bouldin Shaft Alt 2c	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	Air Compressor 375 CFM	Air Compressors	23	122	0.48	Diesel
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	Grove RT Crane 30T	Cranes	23	160	0.29	Diesel
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	DMM Deep Soil Mixer	Trenchers	23	808	0.50	Diesel
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	DMM Grout Mix Plant	Other General Industrial Equipment	23	500	0.34	Diesel
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	Portable 90 Kw Diesel	Generator Sets	23	158	0.74	Diesel
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	Case 590 SupN Loader	Rubber Tired Loaders	23	110	0.36	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	Air Compressor 375 CFM	Air Compressors	15	122	0.48	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	Case 590 SupN Loader	Rubber Tired Loaders	15	110	0.36	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	CAT Grader 16H	Graders	1	285	0.41	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	DMM Deep Soil Mixer	Trenchers	15	808	0.50	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	DMM Grout Mix Plant	Other General Industrial Equipment	15	500	0.34	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	Portable 90 Kw Diesel	Generator Sets	15	158	0.74	Diesel
BouldinOpt7_Shaft_C-6	Shafts	Bouldin Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	23	145	0.38	Diesel
BouldinOpt7_Shaft_C-6	Shafts	Bouldin Shaft Alt 2c	CAT Grader 16H	Graders	23	285	0.41	Diesel
BouldinOpt7_Shaft_C-6	Shafts	Bouldin Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
BouldinOpt7_Shaft_C-7	Shafts	Bouldin Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
BouldinOpt7_Shaft_C-8	Shafts	Bouldin Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
BouldinOpt7_Shaft_C-8	Shafts	Bouldin Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	2	393	0.36	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT Grader 16H	Graders	2	285	0.41	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
BouldinOpt7_Shaft_C-10	Shafts	Bouldin Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
BouldinOpt7_Shaft_C-11	Shafts	Bouldin Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
BouldinOpt7_Shaft_C-11	Shafts	Bouldin Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
BouldinOpt7_Shaft_C-11	Shafts	Bouldin Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
BouldinOpt7_Shaft_C-12	Shafts	Bouldin Shaft Alt 2c	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt7_Shaft_C-12	Shafts	Bouldin Shaft Alt 2c	Dewater Pump 6"	Pumps	38	50	0.74	Diesel
BouldinOpt7_Shaft_C-12	Shafts	Bouldin Shaft Alt 2c	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
BouldinOpt7_Shaft_C-13	Shafts	Bouldin Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
BouldinOpt7_Shaft_C-13	Shafts	Bouldin Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
BouldinOpt7_Shaft_C-13	Shafts	Bouldin Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
BouldinOpt7_Shaft_C-14	Shafts	Bouldin Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
BouldinOpt7_Shaft_C-14	Shafts	Bouldin Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
BouldinOpt7_Shaft_C-15	Shafts	Bouldin Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
BouldinOpt7_Shaft_C-15	Shafts	Bouldin Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
BouldinOpt7_Shaft_C-15	Shafts	Bouldin Shaft Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
BouldinOpt7_Shaft_C-15	Shafts	Bouldin Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
BouldinOpt7_Shaft_C-16	Shafts	Bouldin Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	9	540	0.48	Diesel
BouldinOpt7_Shaft_C-16	Shafts	Bouldin Shaft Alt 2c	Heavy Duty Mechanic Welder	Welders	9	400	0.74	Diesel
BouldinOpt7_Shaft_C-16	Shafts	Bouldin Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
BouldinOpt7_Shaft_C-16	Shafts	Bouldin Shaft Alt 2c	Telescope RT Forklift 5500	Forklifts	9	63	0.20	Diesel
BouldinOpt7_Shaft_C-16	Shafts	Bouldin Shaft Alt 2c	Truck Crane Lattice Boom 90T	Cranes	9	300	0.29	Diesel
BouldinOpt7_Shaft_C-17	Shafts	Bouldin Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
BouldinOpt7_Shaft_C-17	Shafts	Bouldin Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	14	393	0.36	Diesel
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	Grout Pump	Pumps	1	500	0.74	Diesel
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	16	350	0.29	Diesel
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Telescope RT Forklift 5500	Forklifts	16	63	0.20	Diesel
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
BouldinOpt7_Shaft_C-20	Shafts	Bouldin Shaft Alt 2c	Telescope RT Forklift 5500	Forklifts	18	63	0.20	Diesel
BouldinOpt7_Shaft_C-21	Shafts	Bouldin Shaft Alt 2c	CAT 14 M	Graders	9	274	0.41	Diesel
BouldinOpt7_Shaft_C-21	Shafts	Bouldin Shaft Alt 2c	Cat 613 C Self Loading Scraper	Scrapers	19	187	0.48	Diesel
BouldinOpt7_Shaft_C-21	Shafts	Bouldin Shaft Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	9	156	0.38	Diesel
BouldinOpt7_Shaft_C-21	Shafts	Bouldin Shaft Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
BouldinOpt7_Shaft_C-21	Shafts	Bouldin Shaft Alt 2c	Water Pump 4" Electric	Pumps	9	10	0.74	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	CAT 12 M	Graders	<1	173	0.41	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	CAT 390 MASS EXC	Excavators	4	534	0.38	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	4	320	0.44	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	CAT 631G Scraper, Conventional	Scrapers	6	515	0.48	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	6	310	0.43	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	2	285	0.44	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	9	345	0.38	Diesel
CanalRanchOpt8_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
CanalRanchOpt8_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4c	CAT Grader 16H - 16' Blade	Graders	8	285	0.41	Diesel
CanalRanchOpt8_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	17	359	0.48	Diesel
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	Air Compressor 375 CFM	Air Compressors	2	122	0.48	Diesel
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	DMM Deep Soil Mixer	Trenchers	2	808	0.50	Diesel
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	DMM Grout Mix Plant	Other General Industrial Equipment	2	500	0.34	Diesel
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	Portable 90 Kw Diesel	Generator Sets	2	158	0.74	Diesel
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	Case 590 SupN Loader	Rubber Tired Loaders	2	110	0.36	Diesel
CanalRanchOpt8_Shaft_E-2	Shafts	Canal Ranch Shaft Alt 4c	Water Pump 4" Electric	Pumps	2	10	0.74	Diesel
CanalRanchOpt8_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
CanalRanchOpt8_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4c	CAT Grader 16H	Graders	4	285	0.41	Diesel
CanalRanchOpt8_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
CanalRanchOpt8_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
CanalRanchOpt8_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
CanalRanchOpt8_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
CanalRanchOpt8_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
CanalRanchOpt8_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
CanalRanchOpt8_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
CanalRanchOpt8_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
CanalRanchOpt8_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
CanalRanchOpt8_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
CanalRanchOpt8_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
CanalRanchOpt8_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4c	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
CanalRanchOpt8_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4c	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
CanalRanchOpt8_Shaft_E-10	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
CanalRanchOpt8_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
CanalRanchOpt8_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
CanalRanchOpt8_Shaft_E-11	Shafts	Canal Ranch Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	10	200	0.74	Diesel
CanalRanchOpt8_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
CanalRanchOpt8_Shaft_E-12	Shafts	Canal Ranch Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
CanalRanchOpt8_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
CanalRanchOpt8_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
CanalRanchOpt8_Shaft_E-14	Shafts	Canal Ranch Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
KingIslandOpt8_Shaft_E-1	Shafts	King Island Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
KingIslandOpt8_Shaft_E-1	Shafts	King Island Shaft Alt 4c	CAT Grader 16H - 16' Blade	Graders	1	285	0.41	Diesel
KingIslandOpt8_Shaft_E-1	Shafts	King Island Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	3	359	0.48	Diesel
KingIslandOpt8_Shaft_E-3	Shafts	King Island Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
KingIslandOpt8_Shaft_E-3	Shafts	King Island Shaft Alt 4c	CAT Grader 16H	Graders	6	285	0.41	Diesel
KingIslandOpt8_Shaft_E-3	Shafts	King Island Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
KingIslandOpt8_Shaft_E-4	Shafts	King Island Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
KingIslandOpt8_Shaft_E-4	Shafts	King Island Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
KingIslandOpt8_Shaft_E-7	Shafts	King Island Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
KingIslandOpt8_Shaft_E-7	Shafts	King Island Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
KingIslandOpt8_Shaft_E-7	Shafts	King Island Shaft Alt 4c	Hydraulic Excavator to 3.5	Excavators	5	350	0.38	Diesel
KingIslandOpt8_Shaft_E-7	Shafts	King Island Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
KingIslandOpt8_Shaft_E-8	Shafts	King Island Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt8_Shaft_E-9	Shafts	King Island Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
KingIslandOpt8_Shaft_E-9	Shafts	King Island Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
KingIslandOpt8_Shaft_E-9	Shafts	King Island Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
KingIslandOpt8_Shaft_E-10	Shafts	King Island Shaft Alt 4c	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
KingIslandOpt8_Shaft_E-10	Shafts	King Island Shaft Alt 4c	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
KingIslandOpt8_Shaft_E-10	Shafts	King Island Shaft Alt 4c	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
KingIslandOpt8_Shaft_E-11	Shafts	King Island Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt8_Shaft_E-11	Shafts	King Island Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
KingIslandOpt8_Shaft_E-11	Shafts	King Island Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
KingIslandOpt8_Shaft_E-12	Shafts	King Island Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
KingIslandOpt8_Shaft_E-12	Shafts	King Island Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
KingIslandOpt8_Shaft_E-14	Shafts	King Island Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
KingIslandOpt8_Shaft_E-14	Shafts	King Island Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
KingIslandOpt8_Shaft_E-14	Shafts	King Island Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	CAT 14 M	Graders	5	274	0.41	Diesel
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	CAT 825, Roller	Rollers	9	315	0.38	Diesel
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	Disk, Towed	Off-Highway Tractors	9	140	0.44	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	37	12	0.74	Diesel
LowerRobertsOpt8_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
LowerRobertsOpt8_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4c	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
LowerRobertsOpt8_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
LowerRobertsOpt8_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
LowerRobertsOpt8_Shaft_E-3	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
LowerRobertsOpt8_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	107	359	0.48	Diesel
LowerRobertsOpt8_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	53	328	0.43	Diesel
LowerRobertsOpt8_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4c	Grader 16H - 16' Blade	Graders	53	285	0.41	Diesel
LowerRobertsOpt8_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4c	CAT 825H Compactor	Rollers	6	315	0.38	Diesel
LowerRobertsOpt8_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	6	393	0.36	Diesel
LowerRobertsOpt8_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
LowerRobertsOpt8_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
LowerRobertsOpt8_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4c	CAT Grader 16H	Graders	6	285	0.41	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Air Compressor 375 CFM	Air Compressors	16	122	0.48	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	CAT Grader 16H	Graders	1	285	0.41	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
LowerRobertsOpt8_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	15	145	0.38	Diesel
LowerRobertsOpt8_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	15	328	0.43	Diesel
LowerRobertsOpt8_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4c	CAT Grader 16H	Graders	15	285	0.41	Diesel
LowerRobertsOpt8_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
LowerRobertsOpt8_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
LowerRobertsOpt8_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
LowerRobertsOpt8_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertsOpt8_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
LowerRobertsOpt8_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
LowerRobertsOpt8_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
LowerRobertsOpt8_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4c	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
LowerRobertsOpt8_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4c	Dewater Pump 6"	Pumps	40	50	0.74	Diesel
LowerRobertsOpt8_Shaft_E-14	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
LowerRobertsOpt8_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
LowerRobertsOpt8_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
LowerRobertsOpt8_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	2	200	0.74	Diesel
LowerRobertsOpt8_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
LowerRobertsOpt8_Shaft_E-16	Shafts	Lower Roberts Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	14	75	0.48	Diesel
LowerRobertsOpt8_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
LowerRobertsOpt8_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
LowerRobertsOpt8_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
LowerRobertsOpt8_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	6	200	0.74	Diesel
LowerRobertsOpt8_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	10	540	0.48	Diesel
LowerRobertsOpt8_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4c	Heavy Duty Mechanic Welder	Welders	10	400	0.74	Diesel
LowerRobertsOpt8_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	10	100	0.29	Diesel
LowerRobertsOpt8_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4c	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
LowerRobertsOpt8_Shaft_E-18	Shafts	Lower Roberts Shaft Alt 4c	Truck Crane Lattice Boom 90T	Cranes	10	300	0.29	Diesel
LowerRobertsOpt8_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	14	75	0.48	Diesel
LowerRobertsOpt8_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	42	393	0.36	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	50	63	0.31	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Grout Pump	Pumps	1	500	0.74	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	22	300	0.29	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	15	85	0.29	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	22	760	0.29	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	19	63	0.31	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Telescope RT Forklift 5500	Forklifts	22	63	0.20	Diesel
LowerRobertsOpt8_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4c	CAT 14 M	Graders	10	274	0.41	Diesel
LowerRobertsOpt8_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4c	Cat 613 C Self Loading Scraper	Scrapers	20	187	0.48	Diesel
LowerRobertsOpt8_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
LowerRobertsOpt8_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	CAT 12 M	Graders	<1	173	0.41	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	CAT 390 MASS EXC	Excavators	6	534	0.38	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	7	320	0.44	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	CAT 631G Scraper, Conventional	Scrapers	12	515	0.48	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	12	310	0.43	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	3	285	0.44	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	Hydro Mulcher, 18 HP	Pumps	2	18	0.74	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	17	345	0.38	Diesel
MandIslandOpt7_Shaft_C-1	Shafts	Mandeville Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
MandIslandOpt7_Shaft_C-1	Shafts	Mandeville Shaft Alt 2c	CAT Grader 16H - 16' Blade	Graders	2	285	0.41	Diesel
MandIslandOpt7_Shaft_C-1	Shafts	Mandeville Shaft Alt 2c	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	Air Compressor 375 CFM	Air Compressors	20	122	0.48	Diesel
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	Case 590 SupN Loader	Rubber Tired Loaders	20	110	0.36	Diesel
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	DMM Deep Soil Mixer	Trenchers	20	808	0.50	Diesel
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	DMM Grout Mix Plant	Other General Industrial Equipment	20	500	0.34	Diesel
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	Grove RT Crane 30T	Cranes	20	160	0.29	Diesel
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	Portable 90 Kw Diesel	Generator Sets	20	158	0.74	Diesel
MandIslandOpt7_Shaft_C-2	Shafts	Mandeville Shaft Alt 2c	Water Pump 4" Electric	Pumps	20	10	0.74	Diesel
MandIslandOpt7_Shaft_C-3	Shafts	Mandeville Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
MandIslandOpt7_Shaft_C-3	Shafts	Mandeville Shaft Alt 2c	CAT Grader 16H	Graders	8	285	0.41	Diesel
MandIslandOpt7_Shaft_C-3	Shafts	Mandeville Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
MandIslandOpt7_Shaft_C-4	Shafts	Mandeville Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
MandIslandOpt7_Shaft_C-4	Shafts	Mandeville Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	4	540	0.48	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	8	130	0.36	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	7	350	0.29	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	4	8	0.56	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Slurry Wall Techniwell	Pumps	4	500	0.74	Diesel
MandIslandOpt7_Shaft_C-7	Shafts	Mandeville Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
MandIslandOpt7_Shaft_C-8	Shafts	Mandeville Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
MandIslandOpt7_Shaft_C-9	Shafts	Mandeville Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
MandIslandOpt7_Shaft_C-9	Shafts	Mandeville Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
MandIslandOpt7_Shaft_C-9	Shafts	Mandeville Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
MandIslandOpt7_Shaft_C-10	Shafts	Mandeville Shaft Alt 2c	Dewater Pump 6"	Pumps	51	50	0.74	Diesel
MandIslandOpt7_Shaft_C-10	Shafts	Mandeville Shaft Alt 2c	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
MandIslandOpt7_Shaft_C-10	Shafts	Mandeville Shaft Alt 2c	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
MandIslandOpt7_Shaft_C-11	Shafts	Mandeville Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
MandIslandOpt7_Shaft_C-11	Shafts	Mandeville Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
MandIslandOpt7_Shaft_C-11	Shafts	Mandeville Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
MandIslandOpt7_Shaft_C-12	Shafts	Mandeville Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
MandIslandOpt7_Shaft_C-12	Shafts	Mandeville Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
MandIslandOpt7_Shaft_C-14	Shafts	Mandeville Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
MandIslandOpt7_Shaft_C-14	Shafts	Mandeville Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
MandIslandOpt7_Shaft_C-14	Shafts	Mandeville Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
NewHopeOpt7_Shaft_C-1	Shafts	New Hope Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
NewHopeOpt7_Shaft_C-1	Shafts	New Hope Shaft Alt 2c	CAT Grader 16H - 16' Blade	Graders	7	285	0.41	Diesel
NewHopeOpt7_Shaft_C-1	Shafts	New Hope Shaft Alt 2c	623G Scraper Elevate 21 CY	Scrapers	14	359	0.48	Diesel
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	Air Compressor 375 CFM	Air Compressors	16	122	0.48	Diesel
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	Grove RT Crane 30T	Cranes	16	160	0.29	Diesel
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	Portable 90 Kw Diesel	Generator Sets	16	158	0.74	Diesel
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	Case 590 SupN Loader	Rubber Tired Loaders	16	110	0.36	Diesel
NewHopeOpt7_Shaft_C-3	Shafts	New Hope Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
NewHopeOpt7_Shaft_C-3	Shafts	New Hope Shaft Alt 2c	CAT Grader 16H	Graders	11	285	0.41	Diesel
NewHopeOpt7_Shaft_C-3	Shafts	New Hope Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
NewHopeOpt7_Shaft_C-4	Shafts	New Hope Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
NewHopeOpt7_Shaft_C-4	Shafts	New Hope Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
NewHopeOpt7_Shaft_C-7	Shafts	New Hope Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
NewHopeOpt7_Shaft_C-7	Shafts	New Hope Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt7_Shaft_C-7	Shafts	New Hope Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
NewHopeOpt7_Shaft_C-7	Shafts	New Hope Shaft Alt 2c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
NewHopeOpt7_Shaft_C-8	Shafts	New Hope Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt7_Shaft_C-9	Shafts	New Hope Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
NewHopeOpt7_Shaft_C-9	Shafts	New Hope Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
NewHopeOpt7_Shaft_C-9	Shafts	New Hope Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
NewHopeOpt7_Shaft_C-10	Shafts	New Hope Shaft Alt 2c	Dewater Pump 6"	Pumps	51	50	0.74	Diesel
NewHopeOpt7_Shaft_C-10	Shafts	New Hope Shaft Alt 2c	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
NewHopeOpt7_Shaft_C-10	Shafts	New Hope Shaft Alt 2c	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
NewHopeOpt7_Shaft_C-11	Shafts	New Hope Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt7_Shaft_C-11	Shafts	New Hope Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt7_Shaft_C-11	Shafts	New Hope Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt7_Shaft_C-12	Shafts	New Hope Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
NewHopeOpt7_Shaft_C-12	Shafts	New Hope Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt7_Shaft_C-13	Shafts	New Hope Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
NewHopeOpt7_Shaft_C-13	Shafts	New Hope Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt7_Shaft_C-13	Shafts	New Hope Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
NewHopeOpt7_Shaft_C-13	Shafts	New Hope Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
NewHopeOpt7_Shaft_C-14	Shafts	New Hope Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
NewHopeOpt8_Shaft_E-1	Shafts	New Hope Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	16	328	0.43	Diesel
NewHopeOpt8_Shaft_E-1	Shafts	New Hope Shaft Alt 4c	CAT Grader 16H - 16' Blade	Graders	16	285	0.41	Diesel
NewHopeOpt8_Shaft_E-1	Shafts	New Hope Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	31	359	0.48	Diesel
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	Air Compressor 375 CFM	Air Compressors	17	122	0.48	Diesel
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	DMM Deep Soil Mixer	Trenchers	17	808	0.50	Diesel
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	DMM Grout Mix Plant	Other General Industrial Equipment	17	500	0.34	Diesel
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	Portable 90 Kw Diesel	Generator Sets	17	158	0.74	Diesel
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	Case 590 SupN Loader	Rubber Tired Loaders	17	110	0.36	Diesel
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	Water Pump 4" Electric	Pumps	17	10	0.74	Diesel
NewHopeOpt8_Shaft_E-3	Shafts	New Hope Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
NewHopeOpt8_Shaft_E-3	Shafts	New Hope Shaft Alt 4c	CAT Grader 16H	Graders	8	285	0.41	Diesel
NewHopeOpt8_Shaft_E-3	Shafts	New Hope Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
NewHopeOpt8_Shaft_E-4	Shafts	New Hope Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
NewHopeOpt8_Shaft_E-4	Shafts	New Hope Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
NewHopeOpt8_Shaft_E-7	Shafts	New Hope Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
NewHopeOpt8_Shaft_E-7	Shafts	New Hope Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
NewHopeOpt8_Shaft_E-7	Shafts	New Hope Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
NewHopeOpt8_Shaft_E-7	Shafts	New Hope Shaft Alt 4c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	6	345	0.38	Diesel
NewHopeOpt8_Shaft_E-8	Shafts	New Hope Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt8_Shaft_E-9	Shafts	New Hope Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
NewHopeOpt8_Shaft_E-9	Shafts	New Hope Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
NewHopeOpt8_Shaft_E-9	Shafts	New Hope Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
NewHopeOpt8_Shaft_E-10	Shafts	New Hope Shaft Alt 4c	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
NewHopeOpt8_Shaft_E-10	Shafts	New Hope Shaft Alt 4c	Dewater Pump 6"	Pumps	51	50	0.74	Diesel
NewHopeOpt8_Shaft_E-10	Shafts	New Hope Shaft Alt 4c	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
NewHopeOpt8_Shaft_E-11	Shafts	New Hope Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
NewHopeOpt8_Shaft_E-11	Shafts	New Hope Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
NewHopeOpt8_Shaft_E-11	Shafts	New Hope Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
NewHopeOpt8_Shaft_E-12	Shafts	New Hope Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHopeOpt8_Shaft_E-12	Shafts	New Hope Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
NewHopeOpt8_Shaft_E-14	Shafts	New Hope Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
StatenIslandOpt7_Shaft_C-1	Shafts	Staten Island Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	13	328	0.43	Diesel
StatenIslandOpt7_Shaft_C-1	Shafts	Staten Island Shaft Alt 2c	CAT Grader 16H - 16' Blade	Graders	13	285	0.41	Diesel
StatenIslandOpt7_Shaft_C-1	Shafts	Staten Island Shaft Alt 2c	623G Scraper Elevate 21 CY	Scrapers	27	359	0.48	Diesel
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	Air Compressor 375 CFM	Air Compressors	19	122	0.48	Diesel
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	Grove RT Crane 30T	Cranes	19	160	0.29	Diesel
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	DMM Deep Soil Mixer	Trenchers	19	808	0.50	Diesel
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	DMM Grout Mix Plant	Other General Industrial Equipment	19	500	0.34	Diesel
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	Portable 90 Kw Diesel	Generator Sets	19	158	0.74	Diesel
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	Case 590 SupN Loader	Rubber Tired Loaders	19	110	0.36	Diesel
StatenIslandOpt7_Shaft_C-2	Shafts	Staten Island Shaft Alt 2c	Water Pump 4" Electric	Pumps	19	10	0.74	Diesel
StatenIslandOpt7_Shaft_C-3	Shafts	Staten Island Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
StatenIslandOpt7_Shaft_C-3	Shafts	Staten Island Shaft Alt 2c	CAT Grader 16H	Graders	11	285	0.41	Diesel
StatenIslandOpt7_Shaft_C-3	Shafts	Staten Island Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
StatenIslandOpt7_Shaft_C-4	Shafts	Staten Island Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
StatenIslandOpt7_Shaft_C-4	Shafts	Staten Island Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	9	350	0.29	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
StatenIslandOpt7_Shaft_C-7	Shafts	Staten Island Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
StatenIslandOpt7_Shaft_C-7	Shafts	Staten Island Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
StatenIslandOpt7_Shaft_C-7	Shafts	Staten Island Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
StatenIslandOpt7_Shaft_C-7	Shafts	Staten Island Shaft Alt 2c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
StatenIslandOpt7_Shaft_C-8	Shafts	Staten Island Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
StatenIslandOpt7_Shaft_C-9	Shafts	Staten Island Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
StatenIslandOpt7_Shaft_C-9	Shafts	Staten Island Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
StatenIslandOpt7_Shaft_C-9	Shafts	Staten Island Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
StatenIslandOpt7_Shaft_C-10	Shafts	Staten Island Shaft Alt 2c	Dewater Pump 6"	Pumps	51	50	0.74	Diesel
StatenIslandOpt7_Shaft_C-10	Shafts	Staten Island Shaft Alt 2c	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
StatenIslandOpt7_Shaft_C-10	Shafts	Staten Island Shaft Alt 2c	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
StatenIslandOpt7_Shaft_C-11	Shafts	Staten Island Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
StatenIslandOpt7_Shaft_C-11	Shafts	Staten Island Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
StatenIslandOpt7_Shaft_C-11	Shafts	Staten Island Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
StatenIslandOpt7_Shaft_C-12	Shafts	Staten Island Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
StatenIslandOpt7_Shaft_C-12	Shafts	Staten Island Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
StatenIslandOpt7_Shaft_C-13	Shafts	Staten Island Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
StatenIslandOpt7_Shaft_C-13	Shafts	Staten Island Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
StatenIslandOpt7_Shaft_C-13	Shafts	Staten Island Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	8	200	0.74	Diesel
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	8	75	0.48	Diesel
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
StatenIslandOpt7_Shaft_C-15	Shafts	Staten Island Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
StatenIslandOpt7_Shaft_C-15	Shafts	Staten Island Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
StatenIslandOpt7_Shaft_C-15	Shafts	Staten Island Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
TerminousOpt8_Shaft_E-1	Shafts	Terminous Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
TerminousOpt8_Shaft_E-1	Shafts	Terminous Shaft Alt 4c	CAT Grader 16H - 16' Blade	Graders	6	285	0.41	Diesel
TerminousOpt8_Shaft_E-1	Shafts	Terminous Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	12	359	0.48	Diesel
TerminousOpt8_Shaft_E-3	Shafts	Terminous Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
TerminousOpt8_Shaft_E-3	Shafts	Terminous Shaft Alt 4c	CAT Grader 16H	Graders	7	285	0.41	Diesel
TerminousOpt8_Shaft_E-3	Shafts	Terminous Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
TerminousOpt8_Shaft_E-4	Shafts	Terminous Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
TerminousOpt8_Shaft_E-4	Shafts	Terminous Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	Hydraulic Excavator to 3.5	Excavators	5	350	0.38	Diesel
TerminousOpt8_Shaft_E-8	Shafts	Terminous Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
TerminousOpt8_Shaft_E-9	Shafts	Terminous Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
TerminousOpt8_Shaft_E-9	Shafts	Terminous Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
TerminousOpt8_Shaft_E-9	Shafts	Terminous Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
TerminousOpt8_Shaft_E-10	Shafts	Terminous Shaft Alt 4c	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
TerminousOpt8_Shaft_E-10	Shafts	Terminous Shaft Alt 4c	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
TerminousOpt8_Shaft_E-10	Shafts	Terminous Shaft Alt 4c	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
TerminousOpt8_Shaft_E-11	Shafts	Terminous Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TerminousOpt8_Shaft_E-11	Shafts	Terminous Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
TerminousOpt8_Shaft_E-11	Shafts	Terminous Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TerminousOpt8_Shaft_E-12	Shafts	Terminous Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
TerminousOpt8_Shaft_E-12	Shafts	Terminous Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
TerminousOpt8_Shaft_E-13	Shafts	Terminous Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
TerminousOpt8_Shaft_E-13	Shafts	Terminous Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
TerminousOpt8_Shaft_E-13	Shafts	Terminous Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	14	900	0.29	Diesel
TerminousOpt8_Shaft_E-13	Shafts	Terminous Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	9	200	0.74	Diesel
TerminousOpt8_Shaft_E-14	Shafts	Terminous Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
TerminousOpt8_Shaft_E-14	Shafts	Terminous Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TerminousOpt8_Shaft_E-14	Shafts	Terminous Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	Air Compressor 185 CFM	Air Compressors	1	49	0.48	Diesel
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	46	63	0.31	Diesel
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt7_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt7_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2c	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt7_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
TwinCitiesOpt7_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2c	Grader 16H - 16' Blade	Graders	23	285	0.41	Diesel
TwinCitiesOpt7_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2c	623G Scraper Elevate 21 CY	Scrapers	45	359	0.48	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	CAT Grader 16H	Graders	1	285	0.41	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	15	328	0.43	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	623G Scraper Elevate 21 CY	Scrapers	28	359	0.48	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
TwinCitiesOpt7_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2c	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt7_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2c	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt7_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt7_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt7_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt7_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt7_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	10	138	0.38	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	10	350	0.29	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
TwinCitiesOpt7_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	19	63	0.31	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	Heavy Duty Mechanic Welder	Welders	7	400	0.74	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	19	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	19	85	0.29	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	Telescope RT Forklift 5500	Forklifts	7	63	0.20	Diesel
TwinCitiesOpt7_Shaft_C-15	Shafts	Twin Cities Shaft Alt 2c	Truck Crane Lattice Boom 90T	Cranes	7	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 15 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2c	Dewater Pump 6"	Pumps	36	50	0.74	Diesel
TwinCitiesOpt7_Shaft_C-18	Shafts	Twin Cities Shaft Alt 2c	150 KW Diesel Generator	Generator Sets	9	183	0.74	Diesel
TwinCitiesOpt7_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
TwinCitiesOpt7_Shaft_C-19	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-20	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2c	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
TwinCitiesOpt7_Shaft_C-21	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
TwinCitiesOpt7_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOpt7_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2c	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2c	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOpt7_Shaft_C-22	Shafts	Twin Cities Shaft Alt 2c	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	20	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	28	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	20	85	0.29	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	20	63	0.31	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	9	400	0.36	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt7_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	24	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	9	400	0.36	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Telescope RT Forklift 5500	Forklifts	13	63	0.20	Diesel
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 55 Ton Crane	Cranes	24	350	0.29	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Telescope RT Forklift 5500	Forklifts	19	63	0.20	Diesel
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 12 M	Graders	5	173	0.41	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	5	320	0.44	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 621G Scraper, Conventional	Scrapers	3	330	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 631G Scraper, Conventional	Scrapers	11	515	0.48	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 815, Roller	Rollers	3	170	0.38	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	1	170	0.36	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	15	310	0.43	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT D9R, Dozer w ripper	Crawler Tractors	11	410	0.43	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	15	345	0.38	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	Air Compressor 185 CFM	Air Compressors	1	49	0.48	Diesel
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	46	63	0.31	Diesel
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOpt8_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOpt8_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4c	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOpt8_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
TwinCitiesOpt8_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4c	Grader 16H - 16' Blade	Graders	23	285	0.41	Diesel
TwinCitiesOpt8_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	45	359	0.48	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	CAT Grader 16H	Graders	1	285	0.41	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	17	359	0.48	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
TwinCitiesOpt8_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOpt8_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4c	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOpt8_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOpt8_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt8_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOpt8_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TwinCitiesOpt8_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	10	138	0.38	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	10	350	0.29	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
TwinCitiesOpt8_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	7	540	0.48	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	19	63	0.31	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	Heavy Duty Mechanic Welder	Welders	7	400	0.74	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	19	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	19	85	0.29	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	Telescope RT Forklift 5500	Forklifts	7	63	0.20	Diesel
TwinCitiesOpt8_Shaft_E-15	Shafts	Twin Cities Shaft Alt 4c	Truck Crane Lattice Boom 90T	Cranes	7	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 15 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4c	Dewater Pump 6"	Pumps	36	50	0.74	Diesel
TwinCitiesOpt8_Shaft_E-18	Shafts	Twin Cities Shaft Alt 4c	150 KW Diesel Generator	Generator Sets	9	183	0.74	Diesel
TwinCitiesOpt8_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
TwinCitiesOpt8_Shaft_E-19	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-20	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
TwinCitiesOpt8_Shaft_E-21	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
TwinCitiesOpt8_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOpt8_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4c	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4c	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt8_Shaft_E-22	Shafts	Twin Cities Shaft Alt 4c	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	20	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	37	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	29	85	0.29	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	29	63	0.31	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	8	400	0.36	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt8_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	24	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	9	63	0.31	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	9	400	0.36	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Telescope RT Forklift 5500	Forklifts	13	63	0.20	Diesel
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	24	350	0.29	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Telescope RT Forklift 5500	Forklifts	19	63	0.20	Diesel
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Air Compressor 185 CFM	Air Compressors	<1	49	0.48	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 12 M	Graders	5	173	0.41	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	6	320	0.44	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 631G Scraper, Conventional	Scrapers	12	515	0.48	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	1	170	0.36	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	16	310	0.43	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
UpperJonesOpt8_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
UpperJonesOpt8_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4c	CAT Grader 16H - 16' Blade	Graders	1	285	0.41	Diesel
UpperJonesOpt8_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4c	623G Scraper Elevate 21 CY	Scrapers	1	359	0.48	Diesel
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	Air Compressor 375 CFM	Air Compressors	19	122	0.48	Diesel
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	Case 590 SupN Loader	Rubber Tired Loaders	19	110	0.36	Diesel
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	DMM Deep Soil Mixer	Trenchers	19	808	0.50	Diesel
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	DMM Grout Mix Plant	Other General Industrial Equipment	19	500	0.34	Diesel
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	Grove RT Crane 30T	Cranes	19	160	0.29	Diesel
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	Portable 90 Kw Diesel	Generator Sets	19	158	0.74	Diesel
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	Water Pump 4" Electric	Pumps	19	10	0.74	Diesel
UpperJonesOpt8_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4c	CAT CB-634D Vibratory 84"	Rollers	5	145	0.38	Diesel
UpperJonesOpt8_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4c	CAT Grader 16H	Graders	5	285	0.41	Diesel
UpperJonesOpt8_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4c	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
UpperJonesOpt8_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
UpperJonesOpt8_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
UpperJonesOpt8_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4c	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
UpperJonesOpt8_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
UpperJonesOpt8_Shaft_E-7	Shafts	Upper Jones Shaft Alt 4c	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
UpperJonesOpt8_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
UpperJonesOpt8_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
UpperJonesOpt8_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
UpperJonesOpt8_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4c	Hydraulic 25 Ton Crane	Cranes	5	100	0.29	Diesel
UpperJonesOpt8_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4c	Dewater Pump 6"	Pumps	45	50	0.74	Diesel
UpperJonesOpt8_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4c	150 KW Diesel Generator	Generator Sets	11	183	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
UpperJonesOpt8_Shaft_E-10	Shafts	Upper Jones Shaft Alt 4c	Hydraulic 15 Ton Crane	Cranes	11	100	0.29	Diesel
UpperJonesOpt8_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
UpperJonesOpt8_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOpt8_Shaft_E-11	Shafts	Upper Jones Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UpperJonesOpt8_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
UpperJonesOpt8_Shaft_E-12	Shafts	Upper Jones Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
UpperJonesOpt8_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4c	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
UpperJonesOpt8_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
UpperJonesOpt8_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
UpperJonesOpt8_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
UpperJonesOpt8_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4c	Trailer Conc Pump 100 CY HR	Pumps	5	200	0.74	Diesel
UpperJonesOpt8_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4c	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
UpperJonesOpt8_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4c	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
UpperJonesOpt8_Shaft_E-14	Shafts	Upper Jones Shaft Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
NewHope_Access_C-1	Roads	New Hope Access Central	CAT 14 M	Graders	2	274	0.41	Diesel
NewHope_Access_C-1	Roads	New Hope Access Central	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
NewHope_Access_C-1	Roads	New Hope Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
NewHope_Access_C-2	Roads	New Hope Access Central	CAT 14 M	Graders	18	274	0.41	Diesel
NewHope_Access_C-2	Roads	New Hope Access Central	Water Pump, 4" Diesel	Pumps	18	10	0.74	Diesel
NewHope_Access_C-3	Roads	New Hope Access Central	CAT 14 M	Graders	18	274	0.41	Diesel
NewHope_Access_C-3	Roads	New Hope Access Central	Water Pump, 4" Diesel	Pumps	18	10	0.74	Diesel
StatenIsland_Access_C-1	Roads	Staten Island Access Central	CAT 14 M	Graders	12	274	0.41	Diesel
StatenIsland_Access_C-1	Roads	Staten Island Access Central	Water Pump, 4" Diesel	Pumps	12	10	0.74	Diesel
StatenIsland_Access_C-1	Roads	Staten Island Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	12	156	0.38	Diesel
StatenIsland_Access_C-2	Roads	Staten Island Access Central	CAT 14 M	Graders	19	274	0.41	Diesel
StatenIsland_Access_C-2	Roads	Staten Island Access Central	Water Pump, 4" Diesel	Pumps	19	10	0.74	Diesel
StatenIsland_Access_C-3	Roads	Staten Island Access Central	CAT 14 M	Graders	19	274	0.41	Diesel
StatenIsland_Access_C-3	Roads	Staten Island Access Central	Water Pump, 4" Diesel	Pumps	19	10	0.74	Diesel
StatenIsland_Access_C-4	Roads	Staten Island Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
StatenIsland_Access_C-4	Roads	Staten Island Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
StatenIsland_Access_C-4	Roads	Staten Island Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
StatenIsland_Access_C-4	Roads	Staten Island Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
StatenIsland_Access_C-5	Roads	Staten Island Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
StatenIsland_Access_C-5	Roads	Staten Island Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
StatenIsland_Access_C-5	Roads	Staten Island Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
StatenIsland_Access_C-5	Roads	Staten Island Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
StatenIsland_Access_C-6	Roads	Staten Island Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
StatenIsland_Access_C-6	Roads	Staten Island Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
StatenIsland_Access_C-6	Roads	Staten Island Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
StatenIsland_Access_C-6	Roads	Staten Island Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
MandIsland_Access_C-1	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
MandIsland_Access_C-1	Roads	Mandeville Access Central	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
MandIsland_Access_C-2	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	12	179	0.43	Diesel
MandIsland_Access_C-2	Roads	Mandeville Access Central	Disk, Towed	Off-Highway Tractors	12	140	0.44	Diesel
MandIsland_Access_C-2	Roads	Mandeville Access Central	CAT 14 M	Graders	6	274	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
MandIsland_Access_C-2	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
MandIsland_Access_C-2	Roads	Mandeville Access Central	CAT 815, Roller	Rollers	12	170	0.38	Diesel
MandIsland_Access_C-2	Roads	Mandeville Access Central	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	47	12	0.74	Diesel
MandIsland_Access_C-3	Roads	Mandeville Access Central	Air Compressors 375 cfm	Air Compressors	7	122	0.48	Diesel
MandIsland_Access_C-3	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	14	78	0.36	Diesel
MandIsland_Access_C-3	Roads	Mandeville Access Central	Compactor, Plate, 22"w x 35"	Plate Compactors	7	9	0.43	Diesel
MandIsland_Access_C-4	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
MandIsland_Access_C-4	Roads	Mandeville Access Central	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
MandIsland_Access_C-5	Roads	Mandeville Access Central	CAT 14 M	Graders	9	274	0.41	Diesel
MandIsland_Access_C-5	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	9	10	0.74	Diesel
MandIsland_Access_C-5	Roads	Mandeville Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	9	156	0.38	Diesel
MandIsland_Access_C-5	Roads	Mandeville Access Central	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
MandIsland_Access_C-5	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
MandIsland_Access_C-6	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	57	179	0.43	Diesel
MandIsland_Access_C-6	Roads	Mandeville Access Central	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	29	384	0.38	Diesel
MandIsland_Access_C-7	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	25	179	0.43	Diesel
MandIsland_Access_C-7	Roads	Mandeville Access Central	Disk, Towed	Off-Highway Tractors	25	140	0.44	Diesel
MandIsland_Access_C-7	Roads	Mandeville Access Central	CAT 14 M	Graders	12	274	0.41	Diesel
MandIsland_Access_C-7	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
MandIsland_Access_C-7	Roads	Mandeville Access Central	CAT 815, Roller	Rollers	25	170	0.38	Diesel
MandIsland_Access_C-7	Roads	Mandeville Access Central	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	99	12	0.74	Diesel
MandIsland_Access_C-8	Roads	Mandeville Access Central	Grove RT Crane 55T, 247 hp	Cranes	17	247	0.29	Diesel
MandIsland_Access_C-8	Roads	Mandeville Access Central	Manitowoc 555 150T, 250' Boom	Cranes	17	760	0.29	Diesel
MandIsland_Access_C-9	Roads	Mandeville Access Central	Air Compressors 375 cfm	Air Compressors	5	122	0.48	Diesel
MandIsland_Access_C-9	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
MandIsland_Access_C-9	Roads	Mandeville Access Central	Compactor, Plate, 22"w x 35"	Plate Compactors	5	9	0.43	Diesel
MandIsland_Access_C-10	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
MandIsland_Access_C-10	Roads	Mandeville Access Central	Compactor, Trench Roller, Vib 32"w	Rollers	10	20	0.38	Diesel
MandIsland_Access_C-11	Roads	Mandeville Access Central	CAT 14 M	Graders	19	274	0.41	Diesel
MandIsland_Access_C-11	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	19	10	0.74	Diesel
MandIsland_Access_C-11	Roads	Mandeville Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	19	156	0.38	Diesel
MandIsland_Access_C-12	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
MandIsland_Access_C-12	Roads	Mandeville Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
MandIsland_Access_C-12	Roads	Mandeville Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
MandIsland_Access_C-12	Roads	Mandeville Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
MandIsland_Access_C-12	Roads	Mandeville Access Central	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
MandIsland_Access_C-13	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	50	179	0.43	Diesel
MandIsland_Access_C-13	Roads	Mandeville Access Central	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	25	384	0.38	Diesel
MandIsland_Access_C-14	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	15	179	0.43	Diesel
MandIsland_Access_C-14	Roads	Mandeville Access Central	Disk, Towed	Off-Highway Tractors	15	140	0.44	Diesel
MandIsland_Access_C-14	Roads	Mandeville Access Central	CAT 14 M	Graders	7	274	0.41	Diesel
MandIsland_Access_C-14	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
MandIsland_Access_C-14	Roads	Mandeville Access Central	CAT 815, Roller	Rollers	15	170	0.38	Diesel
MandIsland_Access_C-14	Roads	Mandeville Access Central	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	58	12	0.74	Diesel
MandIsland_Access_C-15	Roads	Mandeville Access Central	Air Compressors 375 cfm	Air Compressors	10	122	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
MandIsland_Access_C-15	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	21	78	0.36	Diesel
MandIsland_Access_C-15	Roads	Mandeville Access Central	Compactor, Plate, 22"w x 35"	Plate Compactors	10	9	0.43	Diesel
MandIsland_Access_C-16	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
MandIsland_Access_C-16	Roads	Mandeville Access Central	Compactor, Trench Roller, Vib 32"w	Rollers	6	20	0.38	Diesel
MandIsland_Access_C-17	Roads	Mandeville Access Central	CAT 14 M	Graders	11	274	0.41	Diesel
MandIsland_Access_C-17	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	11	10	0.74	Diesel
MandIsland_Access_C-17	Roads	Mandeville Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	11	156	0.38	Diesel
MandIsland_Access_C-18	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	16	179	0.43	Diesel
MandIsland_Access_C-18	Roads	Mandeville Access Central	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	8	384	0.38	Diesel
MandIsland_Access_C-19	Roads	Mandeville Access Central	Grove RT Crane 55T, 247 hp	Cranes	9	247	0.29	Diesel
MandIsland_Access_C-19	Roads	Mandeville Access Central	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
MandIsland_Access_C-20	Roads	Mandeville Access Central	CAT D6LGPDozer w winch	Crawler Tractors	14	179	0.43	Diesel
MandIsland_Access_C-20	Roads	Mandeville Access Central	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
MandIsland_Access_C-20	Roads	Mandeville Access Central	CAT 14 M	Graders	7	274	0.41	Diesel
MandIsland_Access_C-20	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
MandIsland_Access_C-20	Roads	Mandeville Access Central	CAT 815, Roller	Rollers	14	170	0.38	Diesel
MandIsland_Access_C-20	Roads	Mandeville Access Central	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	57	12	0.74	Diesel
MandIsland_Access_C-21	Roads	Mandeville Access Central	Air Compressors 375 cfm	Air Compressors	8	122	0.48	Diesel
MandIsland_Access_C-21	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	17	78	0.36	Diesel
MandIsland_Access_C-21	Roads	Mandeville Access Central	Compactor, Plate, 22"w x 35"	Plate Compactors	8	9	0.43	Diesel
MandIsland_Access_C-22	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
MandIsland_Access_C-22	Roads	Mandeville Access Central	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
MandIsland_Access_C-23	Roads	Mandeville Access Central	CAT 14 M	Graders	10	274	0.41	Diesel
MandIsland_Access_C-23	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	10	10	0.74	Diesel
MandIsland_Access_C-23	Roads	Mandeville Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
MandIsland_Access_C-24	Roads	Mandeville Access Central	CAT 14 M	Graders	66	274	0.41	Diesel
MandIsland_Access_C-24	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	66	10	0.74	Diesel
MandIsland_Access_C-25	Roads	Mandeville Access Central	CAT 14 M	Graders	60	274	0.41	Diesel
MandIsland_Access_C-25	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	60	10	0.74	Diesel
MandIsland_Access_C-26	Roads	Mandeville Access Central	CAT 14 M	Graders	66	274	0.41	Diesel
MandIsland_Access_C-26	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	66	10	0.74	Diesel
MandIsland_Access_C-27	Roads	Mandeville Access Central	CAT 14 M	Graders	93	274	0.41	Diesel
MandIsland_Access_C-26	Roads	Mandeville Access Central	Water Pump, 4" Diesel	Pumps	93	10	0.74	Diesel
MandIsland_Access_C-28	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
MandIsland_Access_C-28	Roads	Mandeville Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
MandIsland_Access_C-28	Roads	Mandeville Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
MandIsland_Access_C-28	Roads	Mandeville Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
MandIsland_Access_C-29	Roads	Mandeville Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
MandIsland_Access_C-29	Roads	Mandeville Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
MandIsland_Access_C-29	Roads	Mandeville Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
MandIsland_Access_C-29	Roads	Mandeville Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
NewHope_Access_E-1	Roads	New Hope Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
NewHope_Access_E-1	Roads	New Hope Access Eastern	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
NewHope_Access_E-2	Roads	New Hope Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
NewHope_Access_E-2	Roads	New Hope Access Eastern	Disk, Towed	Off-Highway Tractors	7	140	0.44	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
NewHope_Access_E-2	Roads	New Hope Access Eastern	CAT 14 M	Graders	3	274	0.41	Diesel
NewHope_Access_E-2	Roads	New Hope Access Eastern	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
NewHope_Access_E-2	Roads	New Hope Access Eastern	CAT 815, Roller	Rollers	7	170	0.38	Diesel
NewHope_Access_E-2	Roads	New Hope Access Eastern	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	27	12	0.74	Diesel
NewHope_Access_E-3	Roads	New Hope Access Eastern	Air Compressors 375 cfm	Air Compressors	2	122	0.48	Diesel
NewHope_Access_E-3	Roads	New Hope Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
NewHope_Access_E-3	Roads	New Hope Access Eastern	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
NewHope_Access_E-4	Roads	New Hope Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
NewHope_Access_E-4	Roads	New Hope Access Eastern	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
NewHope_Access_E-5	Roads	New Hope Access Eastern	CAT 14 M	Graders	6	274	0.41	Diesel
NewHope_Access_E-5	Roads	New Hope Access Eastern	Water Pump, 4" Diesel	Pumps	6	10	0.74	Diesel
NewHope_Access_E-5	Roads	New Hope Access Eastern	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	6	156	0.38	Diesel
NewHope_Access_E-6	Roads	New Hope Access Eastern	CAT 14 M	Graders	3	274	0.41	Diesel
NewHope_Access_E-6	Roads	New Hope Access Eastern	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
NewHope_Access_E-7	Roads	New Hope Access Eastern	CAT 14 M	Graders	3	274	0.41	Diesel
NewHope_Access_E-7	Roads	New Hope Access Eastern	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
CanalRanch_Access_E-1	Roads	Canal Ranch Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
CanalRanch_Access_E-1	Roads	Canal Ranch Access Eastern	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	9	384	0.38	Diesel
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	CAT 14 M	Graders	4	274	0.41	Diesel
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	CAT 815, Roller	Rollers	8	170	0.38	Diesel
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	33	12	0.74	Diesel
CanalRanch_Access_E-3	Roads	Canal Ranch Access Eastern	Air Compressors 375 cfm	Air Compressors	6	122	0.48	Diesel
CanalRanch_Access_E-3	Roads	Canal Ranch Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	13	78	0.36	Diesel
CanalRanch_Access_E-3	Roads	Canal Ranch Access Eastern	Compactor, Plate, 22"w x 35"	Plate Compactors	6	9	0.43	Diesel
CanalRanch_Access_E-4	Roads	Canal Ranch Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
CanalRanch_Access_E-4	Roads	Canal Ranch Access Eastern	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
CanalRanch_Access_E-5	Roads	Canal Ranch Access Eastern	CAT 14 M	Graders	9	274	0.41	Diesel
CanalRanch_Access_E-5	Roads	Canal Ranch Access Eastern	Water Pump, 4" Diesel	Pumps	9	10	0.74	Diesel
CanalRanch_Access_E-5	Roads	Canal Ranch Access Eastern	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	9	156	0.38	Diesel
CanalRanch_Access_E-6	Roads	Canal Ranch Access Eastern	CAT 14 M	Graders	14	274	0.41	Diesel
CanalRanch_Access_E-6	Roads	Canal Ranch Access Eastern	Water Pump, 4" Diesel	Pumps	14	10	0.74	Diesel
CanalRanch_Access_E-7	Roads	Canal Ranch Access Eastern	CAT 14 M	Graders	14	274	0.41	Diesel
CanalRanch_Access_E-7	Roads	Canal Ranch Access Eastern	Water Pump, 4" Diesel	Pumps	14	10	0.74	Diesel
Terminous_Access_E-1	Roads	Terminous Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	17	179	0.43	Diesel
Terminous_Access_E-1	Roads	Terminous Access Eastern	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	9	384	0.38	Diesel
Terminous_Access_E-2	Roads	Terminous Access Eastern	Air Compressors 375 cfm	Air Compressors	3	122	0.48	Diesel
Terminous_Access_E-2	Roads	Terminous Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
Terminous_Access_E-2	Roads	Terminous Access Eastern	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
Terminous_Access_E-3	Roads	Terminous Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Terminous_Access_E-3	Roads	Terminous Access Eastern	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
Terminous_Access_E-4	Roads	Terminous Access Eastern	CAT 14 M	Graders	7	274	0.41	Diesel
Terminous_Access_E-4	Roads	Terminous Access Eastern	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Terminous_Access_E-4	Roads	Terminous Access Eastern	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	7	156	0.38	Diesel
Terminous_Access_E-5	Roads	Terminous Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
Terminous_Access_E-5	Roads	Terminous Access Eastern	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	6	224	0.42	Diesel
Terminous_Access_E-5	Roads	Terminous Access Eastern	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	6	137	0.38	Diesel
Terminous_Access_E-5	Roads	Terminous Access Eastern	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	6	133	0.38	Diesel
Terminous_Access_E-6	Roads	Terminous Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
Terminous_Access_E-6	Roads	Terminous Access Eastern	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
KingIsland_Access_E-1	Roads	King Island Access Eastern	CAT 14 M	Graders	7	274	0.41	Diesel
KingIsland_Access_E-1	Roads	King Island Access Eastern	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel
KingIsland_Access_E-1	Roads	King Island Access Eastern	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	7	156	0.38	Diesel
KingIsland_Access_E-2	Roads	King Island Access Eastern	CAT 14 M	Graders	31	274	0.41	Diesel
KingIsland_Access_E-2	Roads	King Island Access Eastern	Water Pump, 4" Diesel	Pumps	31	10	0.74	Diesel
KingIsland_Access_E-3	Roads	King Island Access Eastern	CAT 14 M	Graders	31	274	0.41	Diesel
KingIsland_Access_E-3	Roads	King Island Access Eastern	Water Pump, 4" Diesel	Pumps	31	10	0.74	Diesel
UpperJones_Access_E-1	Roads	Upper Jones Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	20	179	0.43	Diesel
UpperJones_Access_E-1	Roads	Upper Jones Access Eastern	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	Disk, Towed	Off-Highway Tractors	9	140	0.44	Diesel
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	CAT 14 M	Graders	4	274	0.41	Diesel
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	CAT 815, Roller	Rollers	9	170	0.38	Diesel
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	36	12	0.74	Diesel
UpperJones_Access_E-3	Roads	Upper Jones Access Eastern	Air Compressors 375 cfm	Air Compressors	4	122	0.48	Diesel
UpperJones_Access_E-3	Roads	Upper Jones Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
UpperJones_Access_E-3	Roads	Upper Jones Access Eastern	Compactor, Plate, 22"w x 35"	Plate Compactors	4	9	0.43	Diesel
UpperJones_Access_E-4	Roads	Upper Jones Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
UpperJones_Access_E-4	Roads	Upper Jones Access Eastern	Compactor, Trench Roller, Vib 32"w	Rollers	4	20	0.38	Diesel
UpperJones_Access_E-5	Roads	Upper Jones Access Eastern	CAT 14 M	Graders	9	274	0.41	Diesel
UpperJones_Access_E-5	Roads	Upper Jones Access Eastern	Water Pump, 4" Diesel	Pumps	9	10	0.74	Diesel
UpperJones_Access_E-5	Roads	Upper Jones Access Eastern	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	9	156	0.38	Diesel
UpperJones_Access_E-6	Roads	Upper Jones Access Eastern	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
UpperJones_Access_E-6	Roads	Upper Jones Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
UpperJones_Access_E-7	Roads	Upper Jones Access Eastern	CAT 14 M	Graders	8	274	0.41	Diesel
UpperJones_Access_E-7	Roads	Upper Jones Access Eastern	Water Pump, 4" Diesel	Pumps	8	10	0.74	Diesel
UpperJones_Access_E-8	Roads	Upper Jones Access Eastern	CAT 14 M	Graders	8	274	0.41	Diesel
UpperJones_Access_E-8	Roads	Upper Jones Access Eastern	Water Pump, 4" Diesel	Pumps	8	10	0.74	Diesel
Bouldin_Access_C-1	Roads	Bouldin Access Central	CAT D6LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
Bouldin_Access_C-1	Roads	Bouldin Access Central	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	9	384	0.38	Diesel
Bouldin_Access_C-2	Roads	Bouldin Access Central	CAT D6LGPDozer w winch	Crawler Tractors	13	179	0.43	Diesel
Bouldin_Access_C-2	Roads	Bouldin Access Central	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
Bouldin_Access_C-2	Roads	Bouldin Access Central	CAT 14 M	Graders	7	274	0.41	Diesel
Bouldin_Access_C-2	Roads	Bouldin Access Central	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
Bouldin_Access_C-2	Roads	Bouldin Access Central	CAT 815, Roller	Rollers	13	170	0.38	Diesel
Bouldin_Access_C-2	Roads	Bouldin Access Central	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	52	12	0.74	Diesel
Bouldin_Access_C-3	Roads	Bouldin Access Central	Air Compressors 375 cfm	Air Compressors	6	122	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Bouldin_Access_C-3	Roads	Bouldin Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	11	78	0.36	Diesel
Bouldin_Access_C-3	Roads	Bouldin Access Central	Compactor, Plate, 22"w x 35"	Plate Compactors	6	9	0.43	Diesel
Bouldin_Access_C-4	Roads	Bouldin Access Central	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
Bouldin_Access_C-4	Roads	Bouldin Access Central	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
Bouldin_Access_C-5	Roads	Bouldin Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Bouldin_Access_C-5	Roads	Bouldin Access Central	Compactor, Trench Roller, Vib 32"w	Rollers	4	20	0.38	Diesel
Bouldin_Access_C-6	Roads	Bouldin Access Central	CAT 14 M	Graders	8	274	0.41	Diesel
Bouldin_Access_C-6	Roads	Bouldin Access Central	Water Pump, 4" Diesel	Pumps	8	10	0.74	Diesel
Bouldin_Access_C-6	Roads	Bouldin Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
Bouldin_Access_C-7	Roads	Bouldin Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	18	78	0.36	Diesel
Bouldin_Access_C-7	Roads	Bouldin Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	18	224	0.42	Diesel
Bouldin_Access_C-7	Roads	Bouldin Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	18	137	0.38	Diesel
Bouldin_Access_C-7	Roads	Bouldin Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	18	133	0.38	Diesel
Bouldin_Access_C-8	Roads	Bouldin Access Central	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
Bouldin_Access_C-8	Roads	Bouldin Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Bouldin_Access_C-9	Roads	Bouldin Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
Bouldin_Access_C-9	Roads	Bouldin Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
Bouldin_Access_C-9	Roads	Bouldin Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
Bouldin_Access_C-9	Roads	Bouldin Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
Bouldin_Access_C-10	Roads	Bouldin Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
Bouldin_Access_C-10	Roads	Bouldin Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
Bouldin_Access_C-10	Roads	Bouldin Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
Bouldin_Access_C-10	Roads	Bouldin Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
SR12_Access_C-1	Roads	SR12 Access Central	CAT D6LGPDozer w winch	Crawler Tractors	55	179	0.43	Diesel
SR12_Access_C-1	Roads	SR12 Access Central	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	27	384	0.38	Diesel
SR12_Access_C-2	Roads	SR12 Access Central	CAT D6LGPDozer w winch	Crawler Tractors	57	179	0.43	Diesel
SR12_Access_C-2	Roads	SR12 Access Central	Disk, Towed	Off-Highway Tractors	57	140	0.44	Diesel
SR12_Access_C-2	Roads	SR12 Access Central	CAT 14 M	Graders	28	274	0.41	Diesel
SR12_Access_C-2	Roads	SR12 Access Central	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel
SR12_Access_C-2	Roads	SR12 Access Central	CAT 815, Roller	Rollers	57	170	0.38	Diesel
SR12_Access_C-2	Roads	SR12 Access Central	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	227	12	0.74	Diesel
SR12_Access_C-3	Roads	SR12 Access Central	Air Compressors 375 cfm	Air Compressors	14	122	0.48	Diesel
SR12_Access_C-3	Roads	SR12 Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	28	78	0.36	Diesel
SR12_Access_C-3	Roads	SR12 Access Central	Compactor, Plate, 22"w x 35"	Plate Compactors	14	9	0.43	Diesel
SR12_Access_C-5	Roads	SR12 Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
SR12_Access_C-5	Roads	SR12 Access Central	Compactor, Trench Roller, Vib 32"w	Rollers	8	20	0.38	Diesel
SR12_Access_C-6	Roads	SR12 Access Central	CAT 14 M	Graders	22	274	0.41	Diesel
SR12_Access_C-6	Roads	SR12 Access Central	Water Pump, 4" Diesel	Pumps	22	10	0.74	Diesel
SR12_Access_C-6	Roads	SR12 Access Central	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	22	156	0.38	Diesel
SR12_Access_C-7	Roads	SR12 Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	24	78	0.36	Diesel
SR12_Access_C-7	Roads	SR12 Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	24	224	0.42	Diesel
SR12_Access_C-7	Roads	SR12 Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	24	137	0.38	Diesel
SR12_Access_C-7	Roads	SR12 Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	24	133	0.38	Diesel
SR12_Access_C-8	Roads	SR12 Access Central	Boom Truck, 12.5 Tn Boom	Cranes	109	100	0.29	Diesel
SR12_Access_C-8	Roads	SR12 Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	109	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SR12_Access_C-9	Roads	SR12 Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	17	78	0.36	Diesel
SR12_Access_C-9	Roads	SR12 Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	17	224	0.42	Diesel
SR12_Access_C-9	Roads	SR12 Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	17	137	0.38	Diesel
SR12_Access_C-9	Roads	SR12 Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	17	133	0.38	Diesel
SR12_Access_C-10	Roads	SR12 Access Central	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SR12_Access_C-10	Roads	SR12 Access Central	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
SR12_Access_C-10	Roads	SR12 Access Central	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
SR12_Access_C-10	Roads	SR12 Access Central	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
LowerRoberts_Access_E-1	Roads	Lower Roberts Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
LowerRoberts_Access_E-1	Roads	Lower Roberts Access Eastern	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	Disk, Towed	Off-Highway Tractors	10	140	0.44	Diesel
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	CAT 14 M	Graders	5	274	0.41	Diesel
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	CAT 815, Roller	Rollers	10	170	0.38	Diesel
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	39	12	0.74	Diesel
LowerRoberts_Access_E-3	Roads	Lower Roberts Access Eastern	Air Compressors 375 cfm	Air Compressors	6	122	0.48	Diesel
LowerRoberts_Access_E-3	Roads	Lower Roberts Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	13	78	0.36	Diesel
LowerRoberts_Access_E-3	Roads	Lower Roberts Access Eastern	Compactor, Plate, 22"w x 35"	Plate Compactors	6	9	0.43	Diesel
LowerRoberts_Access_E-4	Roads	Lower Roberts Access Eastern	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
LowerRoberts_Access_E-4	Roads	Lower Roberts Access Eastern	Manitowoc 555 150T, 250' Boom	Cranes	10	760	0.29	Diesel
LowerRoberts_Access_E-5	Roads	Lower Roberts Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
LowerRoberts_Access_E-5	Roads	Lower Roberts Access Eastern	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
LowerRoberts_Access_E-6	Roads	Lower Roberts Access Eastern	CAT 14 M	Graders	10	274	0.41	Diesel
LowerRoberts_Access_E-6	Roads	Lower Roberts Access Eastern	Water Pump, 4" Diesel	Pumps	10	10	0.74	Diesel
LowerRoberts_Access_E-6	Roads	Lower Roberts Access Eastern	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
LowerRoberts_Access_E-4	Roads	Lower Roberts Access Eastern	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
LowerRoberts_Access_E-4	Roads	Lower Roberts Access Eastern	Manitowoc 555 150T, 250' Boom	Cranes	10	760	0.29	Diesel
LowerRoberts_Access_E-8	Roads	Lower Roberts Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
LowerRoberts_Access_E-8	Roads	Lower Roberts Access Eastern	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
LowerRoberts_Access_E-8	Roads	Lower Roberts Access Eastern	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
LowerRoberts_Access_E-8	Roads	Lower Roberts Access Eastern	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
LowerRoberts_Access_E-9	Roads	Lower Roberts Access Eastern	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
LowerRoberts_Access_E-9	Roads	Lower Roberts Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
LowerRoberts_Access_E-10	Roads	Lower Roberts Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
LowerRoberts_Access_E-10	Roads	Lower Roberts Access Eastern	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	5	224	0.42	Diesel
LowerRoberts_Access_E-10	Roads	Lower Roberts Access Eastern	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	5	137	0.38	Diesel
LowerRoberts_Access_E-10	Roads	Lower Roberts Access Eastern	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	5	133	0.38	Diesel
LowerRoberts_Access_E-11	Roads	Lower Roberts Access Eastern	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
LowerRoberts_Access_E-11	Roads	Lower Roberts Access Eastern	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
LowerRoberts_Access_E-11	Roads	Lower Roberts Access Eastern	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
LowerRoberts_Access_E-11	Roads	Lower Roberts Access Eastern	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
Dierssen_Access-1	Roads	Dierssen Access	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
Dierssen_Access-1	Roads	Dierssen Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	9	384	0.38	Diesel
Dierssen_Access-2	Roads	Dierssen Access	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Dierssen_Access-2	Roads	Dierssen Access	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
Dierssen_Access-2	Roads	Dierssen Access	CAT 14 M	Graders	1	274	0.41	Diesel
Dierssen_Access-2	Roads	Dierssen Access	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Dierssen_Access-2	Roads	Dierssen Access	CAT 815, Roller	Rollers	2	170	0.38	Diesel
Dierssen_Access-2	Roads	Dierssen Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	9	12	0.74	Diesel
Dierssen_Access-3	Roads	Dierssen Access	Air Compressors 375 cfm	Air Compressors	3	122	0.48	Diesel
Dierssen_Access-3	Roads	Dierssen Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Dierssen_Access-3	Roads	Dierssen Access	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
Dierssen_Access-4	Roads	Dierssen Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Dierssen_Access-4	Roads	Dierssen Access	Compactor, Trench Roller, Vib 32"w	Rollers	4	20	0.38	Diesel
Dierssen_Access-5	Roads	Dierssen Access	CAT 14 M	Graders	5	274	0.41	Diesel
Dierssen_Access-5	Roads	Dierssen Access	Water Pump, 4" Diesel	Pumps	5	10	0.74	Diesel
Dierssen_Access-5	Roads	Dierssen Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	156	0.38	Diesel
Dierssen_Access-6	Roads	Dierssen Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
Dierssen_Access-6	Roads	Dierssen Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	6	224	0.42	Diesel
Dierssen_Access-6	Roads	Dierssen Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	6	137	0.38	Diesel
Dierssen_Access-6	Roads	Dierssen Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	6	133	0.38	Diesel
Dierssen_Access-7	Roads	Dierssen Access	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
Dierssen_Access-7	Roads	Dierssen Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
Dierssen_Access-8	Roads	Dierssen Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
Dierssen_Access-8	Roads	Dierssen Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
Dierssen_Access-8	Roads	Dierssen Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
Dierssen_Access-8	Roads	Dierssen Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
Dierssen_Access-9	Roads	Dierssen Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Dierssen_Access-9	Roads	Dierssen Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	5	224	0.42	Diesel
Dierssen_Access-9	Roads	Dierssen Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	5	137	0.38	Diesel
Dierssen_Access-9	Roads	Dierssen Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	5	133	0.38	Diesel
Franklin_Access-1	Roads	Franklin Access	CAT D6LGPDozer w winch	Crawler Tractors	30	179	0.43	Diesel
Franklin_Access-1	Roads	Franklin Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	15	384	0.38	Diesel
Franklin_Access-2	Roads	Franklin Access	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
Franklin_Access-2	Roads	Franklin Access	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
Franklin_Access-2	Roads	Franklin Access	CAT 14 M	Graders	4	274	0.41	Diesel
Franklin_Access-2	Roads	Franklin Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
Franklin_Access-2	Roads	Franklin Access	CAT 815, Roller	Rollers	8	170	0.38	Diesel
Franklin_Access-2	Roads	Franklin Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	33	12	0.74	Diesel
Franklin_Access-3	Roads	Franklin Access	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
Franklin_Access-3	Roads	Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	17	78	0.36	Diesel
Franklin_Access-3	Roads	Franklin Access	Compactor, Plate, 22"w x 35"	Plate Compactors	9	9	0.43	Diesel
Franklin_Access-4	Roads	Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Franklin_Access-4	Roads	Franklin Access	Compactor, Trench Roller, Vib 32"w	Rollers	4	20	0.38	Diesel
Franklin_Access-5	Roads	Franklin Access	CAT 14 M	Graders	6	274	0.41	Diesel
Franklin_Access-5	Roads	Franklin Access	Water Pump, 4" Diesel	Pumps	6	10	0.74	Diesel
Franklin_Access-5	Roads	Franklin Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	6	156	0.38	Diesel
Franklin_Access-6	Roads	Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	15	78	0.36	Diesel
Franklin_Access-6	Roads	Franklin Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	15	224	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Franklin_Access-6	Roads	Franklin Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	15	137	0.38	Diesel
Franklin_Access-6	Roads	Franklin Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	15	133	0.38	Diesel
Franklin_Access-7	Roads	Franklin Access	Boom Truck, 12.5 Tn Boom	Cranes	10	100	0.29	Diesel
Franklin_Access-7	Roads	Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
Franklin_Access-8	Roads	Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
Franklin_Access-8	Roads	Franklin Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
Franklin_Access-8	Roads	Franklin Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
Franklin_Access-8	Roads	Franklin Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
Franklin_Access-9	Roads	Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
Franklin_Access-9	Roads	Franklin Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	6	224	0.42	Diesel
Franklin_Access-9	Roads	Franklin Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	6	137	0.38	Diesel
Franklin_Access-9	Roads	Franklin Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	6	133	0.38	Diesel
TwinCities_Access-1	Roads	Twin Cities Access	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
TwinCities_Access-1	Roads	Twin Cities Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
TwinCities_Access-2	Roads	Twin Cities Access	Air Compressors 375 cfm	Air Compressors	<1	122	0.48	Diesel
TwinCities_Access-2	Roads	Twin Cities Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
TwinCities_Access-2	Roads	Twin Cities Access	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
TwinCities_Access-3	Roads	Twin Cities Access	CAT 14 M	Graders	3	274	0.41	Diesel
TwinCities_Access-3	Roads	Twin Cities Access	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
TwinCities_Access-3	Roads	Twin Cities Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
TwinCities_Access-4	Roads	Twin Cities Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	16	78	0.36	Diesel
TwinCities_Access-4	Roads	Twin Cities Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	5	224	0.42	Diesel
TwinCities_Access-4	Roads	Twin Cities Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	5	137	0.38	Diesel
TwinCities_Access-4	Roads	Twin Cities Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	5	133	0.38	Diesel
TwinCities_Access-4	Roads	Twin Cities Access	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
TwinCities_Access-5	Roads	Twin Cities Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
TwinCities_Access-5	Roads	Twin Cities Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
TwinCities_Access-5	Roads	Twin Cities Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
TwinCities_Access-5	Roads	Twin Cities Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
TwinCities_Access-6	Roads	Twin Cities Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
TwinCities_Access-6	Roads	Twin Cities Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
TwinCities_Access-6	Roads	Twin Cities Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
TwinCities_Access-6	Roads	Twin Cities Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel
Lambert_Access-1	Roads	Lambert Access	CAT D6LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
Lambert_Access-1	Roads	Lambert Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	19	384	0.38	Diesel
Lambert_Access-2	Roads	Lambert Access	Air Compressors 375 cfm	Air Compressors	7	122	0.48	Diesel
Lambert_Access-2	Roads	Lambert Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	14	78	0.36	Diesel
Lambert_Access-2	Roads	Lambert Access	Compactor, Plate, 22"w x 35"	Plate Compactors	7	9	0.43	Diesel
Lambert_Access-3	Roads	Lambert Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Lambert_Access-3	Roads	Lambert Access	Compactor, Trench Roller, Vib 32"w	Rollers	10	20	0.38	Diesel
Lambert_Access-4	Roads	Lambert Access	CAT 14 M	Graders	11	274	0.41	Diesel
Lambert_Access-4	Roads	Lambert Access	Water Pump, 4" Diesel	Pumps	11	10	0.74	Diesel
Lambert_Access-4	Roads	Lambert Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	11	156	0.38	Diesel
Lambert_Access-5	Roads	Lambert Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	12	78	0.36	Diesel
Lambert_Access-5	Roads	Lambert Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	12	224	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Lambert_Access-5	Roads	Lambert Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	12	137	0.38	Diesel
Lambert_Access-5	Roads	Lambert Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	12	133	0.38	Diesel
Lambert_Access-6	Roads	Lambert Access	Boom Truck, 12.5 Tn Boom	Cranes	17	100	0.29	Diesel
Lambert_Access-6	Roads	Lambert Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	17	78	0.36	Diesel
Lambert_Access-7	Roads	Lambert Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	11	78	0.36	Diesel
Lambert_Access-7	Roads	Lambert Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	11	224	0.42	Diesel
Lambert_Access-7	Roads	Lambert Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	11	137	0.38	Diesel
Lambert_Access-7	Roads	Lambert Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	11	133	0.38	Diesel
Lambert_Access-8	Roads	Lambert Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
Lambert_Access-8	Roads	Lambert Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
Lambert_Access-8	Roads	Lambert Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
Lambert_Access-8	Roads	Lambert Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
LambertI5_Access-1	Roads	Lambert to I5 Access	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
LambertI5_Access-1	Roads	Lambert to I5 Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	4	384	0.38	Diesel
LambertI5_Access-2	Roads	Lambert to I5 Access	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
LambertI5_Access-2	Roads	Lambert to I5 Access	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
LambertI5_Access-2	Roads	Lambert to I5 Access	CAT 14 M	Graders	4	274	0.41	Diesel
LambertI5_Access-2	Roads	Lambert to I5 Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
LambertI5_Access-2	Roads	Lambert to I5 Access	CAT 815, Roller	Rollers	8	170	0.38	Diesel
LambertI5_Access-2	Roads	Lambert to I5 Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	33	12	0.74	Diesel
LambertI5_Access-3	Roads	Lambert to I5 Access	Air Compressors 375 cfm	Air Compressors	6	122	0.48	Diesel
LambertI5_Access-3	Roads	Lambert to I5 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	11	78	0.36	Diesel
LambertI5_Access-3	Roads	Lambert to I5 Access	Compactor, Plate, 22"w x 35"	Plate Compactors	6	9	0.43	Diesel
LambertI5_Access-4	Roads	Lambert to I5 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
LambertI5_Access-4	Roads	Lambert to I5 Access	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
LambertI5_Access-5	Roads	Lambert to I5 Access	CAT 14 M	Graders	5	274	0.41	Diesel
LambertI5_Access-5	Roads	Lambert to I5 Access	Water Pump, 4" Diesel	Pumps	5	10	0.74	Diesel
LambertI5_Access-5	Roads	Lambert to I5 Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	156	0.38	Diesel
LambertI5_Access-6	Roads	Lambert to I5 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
LambertI5_Access-6	Roads	Lambert to I5 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
LambertI5_Access-6	Roads	Lambert to I5 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
LambertI5_Access-6	Roads	Lambert to I5 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
LambertI5_Access-7	Roads	Lambert to I5 Access	Boom Truck, 12.5 Tn Boom	Cranes	10	100	0.29	Diesel
LambertI5_Access-7	Roads	Lambert to I5 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
LambertI5_Access-8	Roads	Lambert to I5 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
LambertI5_Access-8	Roads	Lambert to I5 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
LambertI5_Access-8	Roads	Lambert to I5 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
LambertI5_Access-8	Roads	Lambert to I5 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
LambertI5_Access-9	Roads	Lambert to I5 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
LambertI5_Access-9	Roads	Lambert to I5 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
LambertI5_Access-9	Roads	Lambert to I5 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
LambertI5_Access-9	Roads	Lambert to I5 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
I5I3_Access-1	Roads	I5 to I3 Access	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
I5I3_Access-1	Roads	I5 to I3 Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
I5I3_Access-2	Roads	I5 to I3 Access	CAT D6LGPDozer w winch	Crawler Tractors	13	179	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
I5I3_Access-2	Roads	I5 to I3 Access	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
I5I3_Access-2	Roads	I5 to I3 Access	CAT 14 M	Graders	6	274	0.41	Diesel
I5I3_Access-2	Roads	I5 to I3 Access	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
I5I3_Access-2	Roads	I5 to I3 Access	CAT 815, Roller	Rollers	13	170	0.38	Diesel
I5I3_Access-2	Roads	I5 to I3 Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	50	12	0.74	Diesel
I5I3_Access-3	Roads	I5 to I3 Access	Air Compressors 375 cfm	Air Compressors	2	122	0.48	Diesel
I5I3_Access-3	Roads	I5 to I3 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
I5I3_Access-3	Roads	I5 to I3 Access	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
I5I3_Access-4	Roads	I5 to I3 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
I5I3_Access-4	Roads	I5 to I3 Access	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
I5I3_Access-5	Roads	I5 to I3 Access	CAT 14 M	Graders	5	274	0.41	Diesel
I5I3_Access-5	Roads	I5 to I3 Access	Water Pump, 4" Diesel	Pumps	5	10	0.74	Diesel
I5I3_Access-5	Roads	I5 to I3 Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	156	0.38	Diesel
I5I3_Access-6	Roads	I5 to I3 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	12	78	0.36	Diesel
I5I3_Access-6	Roads	I5 to I3 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	12	224	0.42	Diesel
I5I3_Access-6	Roads	I5 to I3 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	12	137	0.38	Diesel
I5I3_Access-6	Roads	I5 to I3 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	12	133	0.38	Diesel
I5I3_Access-7	Roads	I5 to I3 Access	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
I5I3_Access-7	Roads	I5 to I3 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
I5I3_Access-8	Roads	I5 to I3 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
I5I3_Access-8	Roads	I5 to I3 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
I5I3_Access-8	Roads	I5 to I3 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
I5I3_Access-8	Roads	I5 to I3 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
I5I3_Access-9	Roads	I5 to I3 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
I5I3_Access-9	Roads	I5 to I3 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
I5I3_Access-9	Roads	I5 to I3 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
I5I3_Access-9	Roads	I5 to I3 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel
I3I2_Access-1	Roads	I3 to I2 Access	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
I3I2_Access-1	Roads	I3 to I2 Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
I3I2_Access-2	Roads	I3 to I2 Access	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
I3I2_Access-2	Roads	I3 to I2 Access	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
I3I2_Access-2	Roads	I3 to I2 Access	CAT 14 M	Graders	1	274	0.41	Diesel
I3I2_Access-2	Roads	I3 to I2 Access	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
I3I2_Access-2	Roads	I3 to I2 Access	CAT 815, Roller	Rollers	2	170	0.38	Diesel
I3I2_Access-2	Roads	I3 to I2 Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	10	12	0.74	Diesel
I3I2_Access-3	Roads	I3 to I2 Access	Air Compressors 375 cfm	Air Compressors	<1	122	0.48	Diesel
I3I2_Access-3	Roads	I3 to I2 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
I3I2_Access-3	Roads	I3 to I2 Access	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
I3I2_Access-4	Roads	I3 to I2 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
I3I2_Access-4	Roads	I3 to I2 Access	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
I3I2_Access-5	Roads	I3 to I2 Access	CAT 14 M	Graders	1	274	0.41	Diesel
I3I2_Access-5	Roads	I3 to I2 Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
I3I2_Access-5	Roads	I3 to I2 Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
I3I2_Access-6	Roads	I3 to I2 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
I3I2_Access-6	Roads	I3 to I2 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	2	224	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
I3I2_Access-6	Roads	I3 to I2 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	2	137	0.38	Diesel
I3I2_Access-6	Roads	I3 to I2 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	2	133	0.38	Diesel
I3I2_Access-7	Roads	I3 to I2 Access	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
I3I2_Access-7	Roads	I3 to I2 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
I3I2_Access-8	Roads	I3 to I2 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
I3I2_Access-8	Roads	I3 to I2 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
I3I2_Access-8	Roads	I3 to I2 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
I3I2_Access-8	Roads	I3 to I2 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel
I3I2_Access-9	Roads	I3 to I2 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
I3I2_Access-9	Roads	I3 to I2 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	2	224	0.42	Diesel
I3I2_Access-9	Roads	I3 to I2 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	2	137	0.38	Diesel
I3I2_Access-9	Roads	I3 to I2 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	2	133	0.38	Diesel
SR160_Access-1	Roads	SR160 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SR160_Access-1	Roads	SR160 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
SR160_Access-1	Roads	SR160 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
SR160_Access-1	Roads	SR160 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
SR160_Access-2	Roads	SR160 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SR160_Access-2	Roads	SR160 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
SR160_Access-2	Roads	SR160 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
SR160_Access-2	Roads	SR160 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
SR160_Access-3	Roads	SR160 Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SR160_Access-3	Roads	SR160 Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
SR160_Access-3	Roads	SR160 Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
SR160_Access-3	Roads	SR160 Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
DiscovBay_Access-1	Roads	Discovery Bay Access	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
DiscovBay_Access-1	Roads	Discovery Bay Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	9	384	0.38	Diesel
DiscovBay_Access-2	Roads	Discovery Bay Access	CAT D6LGPDozer w winch	Crawler Tractors	6	179	0.43	Diesel
DiscovBay_Access-2	Roads	Discovery Bay Access	Disk, Towed	Off-Highway Tractors	6	140	0.44	Diesel
DiscovBay_Access-2	Roads	Discovery Bay Access	CAT 14 M	Graders	3	274	0.41	Diesel
DiscovBay_Access-2	Roads	Discovery Bay Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
DiscovBay_Access-2	Roads	Discovery Bay Access	CAT 815, Roller	Rollers	6	170	0.38	Diesel
DiscovBay_Access-2	Roads	Discovery Bay Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	24	12	0.74	Diesel
DiscovBay_Access-3	Roads	Discovery Bay Access	Air Compressors 375 cfm	Air Compressors	2	122	0.48	Diesel
DiscovBay_Access-3	Roads	Discovery Bay Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
DiscovBay_Access-3	Roads	Discovery Bay Access	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
DiscovBay_Access-4	Roads	Discovery Bay Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
DiscovBay_Access-4	Roads	Discovery Bay Access	Compactor, Trench Roller, Vib 32"w	Rollers	3	20	0.38	Diesel
DiscovBay_Access-5	Roads	Discovery Bay Access	CAT 14 M	Graders	5	274	0.41	Diesel
DiscovBay_Access-5	Roads	Discovery Bay Access	Water Pump, 4" Diesel	Pumps	5	10	0.74	Diesel
DiscovBay_Access-5	Roads	Discovery Bay Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	156	0.38	Diesel
DiscovBay_Access-6	Roads	Discovery Bay Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
DiscovBay_Access-6	Roads	Discovery Bay Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
DiscovBay_Access-6	Roads	Discovery Bay Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
DiscovBay_Access-6	Roads	Discovery Bay Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
DiscovBay_Access-7	Roads	Discovery Bay Access	Boom Truck, 12.5 Tn Boom	Cranes	15	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
DiscovBay_Access-7	Roads	Discovery Bay Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	15	78	0.36	Diesel
DiscovBay_Access-8	Roads	Discovery Bay Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
DiscovBay_Access-8	Roads	Discovery Bay Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	7	224	0.42	Diesel
DiscovBay_Access-8	Roads	Discovery Bay Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	7	137	0.38	Diesel
DiscovBay_Access-8	Roads	Discovery Bay Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	7	133	0.38	Diesel
DiscovBay_Access-9	Roads	Discovery Bay Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
DiscovBay_Access-9	Roads	Discovery Bay Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	5	224	0.42	Diesel
DiscovBay_Access-9	Roads	Discovery Bay Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	5	137	0.38	Diesel
DiscovBay_Access-9	Roads	Discovery Bay Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	5	133	0.38	Diesel
WesternFarm_Access-1	Roads	Western Farm Access	CAT D6LGPDozer w winch	Crawler Tractors	16	179	0.43	Diesel
WesternFarm_Access-1	Roads	Western Farm Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	16	384	0.38	Diesel
WesternFarm_Access-2	Roads	Western Farm Access	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
WesternFarm_Access-2	Roads	Western Farm Access	Disk, Towed	Off-Highway Tractors	7	140	0.44	Diesel
WesternFarm_Access-2	Roads	Western Farm Access	CAT 14 M	Graders	4	274	0.41	Diesel
WesternFarm_Access-2	Roads	Western Farm Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
WesternFarm_Access-2	Roads	Western Farm Access	CAT 815, Roller	Rollers	7	170	0.38	Diesel
WesternFarm_Access-2	Roads	Western Farm Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	29	12	0.74	Diesel
WesternFarm_Access-3	Roads	Western Farm Access	Air Compressors 375 cfm	Air Compressors	6	122	0.48	Diesel
WesternFarm_Access-3	Roads	Western Farm Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	11	78	0.36	Diesel
WesternFarm_Access-3	Roads	Western Farm Access	Compactor, Plate, 22"w x 35"	Plate Compactors	6	9	0.43	Diesel
WesternFarm_Access-4	Roads	Western Farm Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
WesternFarm_Access-4	Roads	Western Farm Access	Compactor, Trench Roller, Vib 32"w	Rollers	4	20	0.38	Diesel
WesternFarm_Access-5	Roads	Western Farm Access	CAT 14 M	Graders	6	274	0.41	Diesel
WesternFarm_Access-5	Roads	Western Farm Access	Water Pump, 4" Diesel	Pumps	6	10	0.74	Diesel
WesternFarm_Access-5	Roads	Western Farm Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	6	156	0.38	Diesel
WesternFarm_Access-6	Roads	Western Farm Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
WesternFarm_Access-6	Roads	Western Farm Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
WesternFarm_Access-6	Roads	Western Farm Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
WesternFarm_Access-6	Roads	Western Farm Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
WesternFarm_Access-7	Roads	Western Farm Access	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
WesternFarm_Access-7	Roads	Western Farm Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
WesternFarm_Access-8	Roads	Western Farm Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
WesternFarm_Access-8	Roads	Western Farm Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
WesternFarm_Access-8	Roads	Western Farm Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
WesternFarm_Access-8	Roads	Western Farm Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
WesternFarm_Access-9	Roads	Western Farm Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
WesternFarm_Access-9	Roads	Western Farm Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	6	224	0.42	Diesel
WesternFarm_Access-9	Roads	Western Farm Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	6	137	0.38	Diesel
WesternFarm_Access-9	Roads	Western Farm Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	6	133	0.38	Diesel
Bruhns_Access-1	Roads	Bruhns Access	CAT D6LGPDozer w winch	Crawler Tractors	6	179	0.43	Diesel
Bruhns_Access-1	Roads	Bruhns Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
Bruhns_Access-2	Roads	Bruhns Access	CAT D6LGPDozer w winch	Crawler Tractors	15	179	0.43	Diesel
Bruhns_Access-2	Roads	Bruhns Access	Disk, Towed	Off-Highway Tractors	15	140	0.44	Diesel
Bruhns_Access-2	Roads	Bruhns Access	CAT 14 M	Graders	7	274	0.41	Diesel
Bruhns_Access-2	Roads	Bruhns Access	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Bruhns_Access-2	Roads	Bruhns Access	CAT 815, Roller	Rollers	15	170	0.38	Diesel
Bruhns_Access-2	Roads	Bruhns Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	59	12	0.74	Diesel
Bruhns_Access-3	Roads	Bruhns Access	Air Compressors 375 cfm	Air Compressors	3	122	0.48	Diesel
Bruhns_Access-3	Roads	Bruhns Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Bruhns_Access-3	Roads	Bruhns Access	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
Bruhns_Access-4	Roads	Bruhns Access	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
Bruhns_Access-4	Roads	Bruhns Access	Manitowoc 555 150T, 250' Boom	Cranes	10	760	0.29	Diesel
Bruhns_Access-5	Roads	Bruhns Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Bruhns_Access-5	Roads	Bruhns Access	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
Bruhns_Access-6	Roads	Bruhns Access	CAT 14 M	Graders	18	274	0.41	Diesel
Bruhns_Access-6	Roads	Bruhns Access	Water Pump, 4" Diesel	Pumps	18	10	0.74	Diesel
Bruhns_Access-6	Roads	Bruhns Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	18	156	0.38	Diesel
Bruhns_Access-7	Roads	Bruhns Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	12	78	0.36	Diesel
Bruhns_Access-7	Roads	Bruhns Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	12	224	0.42	Diesel
Bruhns_Access-7	Roads	Bruhns Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	12	137	0.38	Diesel
Bruhns_Access-7	Roads	Bruhns Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	12	133	0.38	Diesel
Bruhns_Access-8	Roads	Bruhns Access	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
Bruhns_Access-8	Roads	Bruhns Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
Bruhns_Access-9	Roads	Bruhns Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
Bruhns_Access-9	Roads	Bruhns Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
Bruhns_Access-9	Roads	Bruhns Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
Bruhns_Access-9	Roads	Bruhns Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
Bruhns_Access-10	Roads	Bruhns Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Bruhns_Access-10	Roads	Bruhns Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	5	224	0.42	Diesel
Bruhns_Access-10	Roads	Bruhns Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	5	137	0.38	Diesel
Bruhns_Access-10	Roads	Bruhns Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	5	133	0.38	Diesel
HoodFrankOverlay_Access-1	Roads	Hood Franklin Overlay	CAT LOADER/HOE 416 E	Rubber Tired Loaders	11	78	0.36	Diesel
HoodFrankOverlay_Access-1	Roads	Hood Franklin Overlay	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	11	224	0.42	Diesel
HoodFrankOverlay_Access-1	Roads	Hood Franklin Overlay	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	11	137	0.38	Diesel
HoodFrankOverlay_Access-1	Roads	Hood Franklin Overlay	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	11	133	0.38	Diesel
HoodFrankOverlay_Access-2	Roads	Hood Franklin Overlay	CAT LOADER/HOE 416 E	Rubber Tired Loaders	11	78	0.36	Diesel
HoodFrankOverlay_Access-2	Roads	Hood Franklin Overlay	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	11	224	0.42	Diesel
HoodFrankOverlay_Access-2	Roads	Hood Franklin Overlay	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	11	137	0.38	Diesel
HoodFrankOverlay_Access-2	Roads	Hood Franklin Overlay	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	11	133	0.38	Diesel
HoodFrankOverlay_Access-3	Roads	Hood Franklin Overlay	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
HoodFrankOverlay_Access-3	Roads	Hood Franklin Overlay	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
HoodFrankOverlay_Access-3	Roads	Hood Franklin Overlay	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
HoodFrankOverlay_Access-3	Roads	Hood Franklin Overlay	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
Franklin_RailAccess-1	Rail	Franklin Rail Access	CAT 14 M	Graders	11	274	0.41	Diesel
Franklin_RailAccess-1	Rail	Franklin Rail Access	CAT 962 H Wheel Loader	Rubber Tired Loaders	11	230	0.36	Diesel
Franklin_RailAccess-1	Rail	Franklin Rail Access	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
Franklin_RailAccess-1	Rail	Franklin Rail Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	11	156	0.38	Diesel
Franklin_RailAccess-2	Rail	Franklin Rail Access	CAT 14 M	Graders	10	274	0.41	Diesel
Franklin_RailAccess-2	Rail	Franklin Rail Access	CAT 962 H Wheel Loader	Rubber Tired Loaders	10	230	0.36	Diesel
Franklin_RailAccess-2	Rail	Franklin Rail Access	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Franklin_RailAccess-2	Rail	Franklin Rail Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
Franklin_RailAccess-3	Rail	Franklin Rail Access	Grove RT Crane 55T, 247 hp	Cranes	35	247	0.29	Diesel
Franklin_RailAccess-3	Rail	Franklin Rail Access	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
Franklin_RailAccess-3	Rail	Franklin Rail Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	35	78	0.36	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	Grove RT Crane 55T, 247 hp	Cranes	13	247	0.29	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	13	78	0.36	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	CAT 14 M	Graders	3	274	0.41	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	CAT 962 H Wheel Loader	Rubber Tired Loaders	3	230	0.36	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethanyPR-1	Park and Rides	Bethany PR	CAT D6LGPDozer w winch	Crawler Tractors	6	179	0.43	Diesel
BethanyPR-1	Park and Rides	Bethany PR	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
BethanyPR-2	Park and Rides	Bethany PR	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
BethanyPR-2	Park and Rides	Bethany PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
BethanyPR-2	Park and Rides	Bethany PR	Compactor, Plate, 22"w x 35"	Plate Compactors	4	9	0.43	Diesel
BethanyPR-3	Park and Rides	Bethany PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
BethanyPR-3	Park and Rides	Bethany PR	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
BethanyPR-4	Park and Rides	Bethany PR	CAT 14 M	Graders	7	274	0.41	Diesel
BethanyPR-4	Park and Rides	Bethany PR	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel
BethanyPR-4	Park and Rides	Bethany PR	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	7	156	0.38	Diesel
BethanyPR-5	Park and Rides	Bethany PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	15	78	0.36	Diesel
BethanyPR-5	Park and Rides	Bethany PR	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	15	224	0.42	Diesel
BethanyPR-5	Park and Rides	Bethany PR	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	15	137	0.38	Diesel
BethanyPR-5	Park and Rides	Bethany PR	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	15	133	0.38	Diesel
BethanyPR-6	Park and Rides	Bethany PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
CWPR-1	Park and Rides	Charter Way PR	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
CWPR-1	Park and Rides	Charter Way PR	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
CWPR-2	Park and Rides	Charter Way PR	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel
CWPR-2	Park and Rides	Charter Way PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
CWPR-2	Park and Rides	Charter Way PR	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
CWPR-3	Park and Rides	Charter Way PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
CWPR-3	Park and Rides	Charter Way PR	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
CWPR-4	Park and Rides	Charter Way PR	CAT 14 M	Graders	8	274	0.41	Diesel
CWPR-4	Park and Rides	Charter Way PR	Water Pump, 4" Diesel	Pumps	8	10	0.74	Diesel
CWPR-4	Park and Rides	Charter Way PR	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
CWPR-5	Park and Rides	Charter Way PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
CWPR-5	Park and Rides	Charter Way PR	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	6	224	0.42	Diesel
CWPR-5	Park and Rides	Charter Way PR	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	6	137	0.38	Diesel
CWPR-5	Park and Rides	Charter Way PR	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	6	133	0.38	Diesel
CWPR-6	Park and Rides	Charter Way PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
RVPR-1	Park and Rides	Rio Vista PR	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
RVPR-1	Park and Rides	Rio Vista PR	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	7	384	0.38	Diesel
RVPR-2	Park and Rides	Rio Vista PR	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
RVPR-2	Park and Rides	Rio Vista PR	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
RVPR-2	Park and Rides	Rio Vista PR	CAT 14 M	Graders	4	274	0.41	Diesel
RVPR-2	Park and Rides	Rio Vista PR	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
RVPR-2	Park and Rides	Rio Vista PR	CAT 815, Roller	Rollers	8	170	0.38	Diesel
RVPR-2	Park and Rides	Rio Vista PR	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	31	12	0.74	Diesel
RVPR-3	Park and Rides	Rio Vista PR	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
RVPR-3	Park and Rides	Rio Vista PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
RVPR-3	Park and Rides	Rio Vista PR	Compactor, Plate, 22"w x 35"	Plate Compactors	4	9	0.43	Diesel
RVPR-4	Park and Rides	Rio Vista PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
RVPR-4	Park and Rides	Rio Vista PR	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
RVPR-5	Park and Rides	Rio Vista PR	CAT 14 M	Graders	5	274	0.41	Diesel
RVPR-5	Park and Rides	Rio Vista PR	Water Pump, 4" Diesel	Pumps	5	10	0.74	Diesel
RVPR-5	Park and Rides	Rio Vista PR	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	156	0.38	Diesel
RVPR-6	Park and Rides	Rio Vista PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
RVPR-6	Park and Rides	Rio Vista PR	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	6	224	0.42	Diesel
RVPR-6	Park and Rides	Rio Vista PR	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	6	137	0.38	Diesel
RVPR-6	Park and Rides	Rio Vista PR	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	6	133	0.38	Diesel
RVPR-7	Park and Rides	Rio Vista PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
BPR-1	Park and Rides	Byron PR	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
BPR-1	Park and Rides	Byron PR	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
BPR-2	Park and Rides	Byron PR	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
BPR-2	Park and Rides	Byron PR	Disk, Towed	Off-Highway Tractors	4	140	0.44	Diesel
BPR-2	Park and Rides	Byron PR	CAT 14 M	Graders	2	274	0.41	Diesel
BPR-2	Park and Rides	Byron PR	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BPR-2	Park and Rides	Byron PR	CAT 815, Roller	Rollers	4	170	0.38	Diesel
BPR-2	Park and Rides	Byron PR	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	15	12	0.74	Diesel
BPR-3	Park and Rides	Byron PR	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BPR-3	Park and Rides	Byron PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
BPR-3	Park and Rides	Byron PR	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BPR-4	Park and Rides	Byron PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BPR-4	Park and Rides	Byron PR	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BPR-5	Park and Rides	Byron PR	CAT 14 M	Graders	3	274	0.41	Diesel
BPR-5	Park and Rides	Byron PR	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
BPR-5	Park and Rides	Byron PR	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
BPR-6	Park and Rides	Byron PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
BPR-6	Park and Rides	Byron PR	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
BPR-6	Park and Rides	Byron PR	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
BPR-6	Park and Rides	Byron PR	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel
BPR-7	Park and Rides	Byron PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
HFPR-1	Park and Rides	Hood Franklin PR	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
HFPR-1	Park and Rides	Hood Franklin PR	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
HFPR-2	Park and Rides	Hood Franklin PR	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
HFPR-2	Park and Rides	Hood Franklin PR	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
HFPR-2	Park and Rides	Hood Franklin PR	CAT 14 M	Graders	<1	274	0.41	Diesel
HFPR-2	Park and Rides	Hood Franklin PR	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
HFPR-2	Park and Rides	Hood Franklin PR	CAT 815, Roller	Rollers	1	170	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
HFPR-2	Park and Rides	Hood Franklin PR	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
HFPR-3	Park and Rides	Hood Franklin PR	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
HFPR-3	Park and Rides	Hood Franklin PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
HFPR-3	Park and Rides	Hood Franklin PR	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
HFPR-4	Park and Rides	Hood Franklin PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
HFPR-4	Park and Rides	Hood Franklin PR	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
HFPR-5	Park and Rides	Hood Franklin PR	CAT 14 M	Graders	1	274	0.41	Diesel
HFPR-5	Park and Rides	Hood Franklin PR	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
HFPR-5	Park and Rides	Hood Franklin PR	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
HFPR-6	Park and Rides	Hood Franklin PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
HFPR-6	Park and Rides	Hood Franklin PR	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
HFPR-6	Park and Rides	Hood Franklin PR	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
HFPR-6	Park and Rides	Hood Franklin PR	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
HFPR-7	Park and Rides	Hood Franklin PR	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
Bouldin_Levee_C-1	Levees	Bouldin Levee	CAT 825H Compactor	Rollers	4	315	0.38	Diesel
Bouldin_Levee_C-1	Levees	Bouldin Levee	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	7	393	0.36	Diesel
Bouldin_Levee_C-1	Levees	Bouldin Levee	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
LowerRobert_Levee_E-1	Levees	Lower Roberts Levee	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
LowerRobert_Levee_E-1	Levees	Lower Roberts Levee	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
LowerRobert_Levee_E-1	Levees	Lower Roberts Levee	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
TwinCities_Levee-1	Levees	Twin Cities Levee	CAT 825H Compactor	Rollers	3	315	0.38	Diesel
TwinCities_Levee-1	Levees	Twin Cities Levee	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	12	393	0.36	Diesel
TwinCities_Levee-1	Levees	Twin Cities Levee	CAT D8 Dozer	Crawler Tractors	12	328	0.43	Diesel
Intake3_3kcfs-1	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Intake3_3kcfs-1	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
Intake3_3kcfs-1	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
Intake3_3kcfs-1	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	12	49	0.48	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT 631G Scraper, Conventional	Scrapers	1	515	0.48	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	<1	410	0.43	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	21	78	0.36	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	21	140	0.44	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	11	80	0.44	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	12	75	0.31	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	52	122	0.48	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	52	110	0.36	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	7	274	0.41	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT 311, 0.69 cy, 70 hp	Excavators	1	70	0.38	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT 825, Roller	Rollers	5	315	0.38	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	13	179	0.43	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	10	140	0.44	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	52	808	0.50	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	52	500	0.34	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	52	160	0.29	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	52	158	0.74	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	1	10	0.74	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Well Drill	Bore/Drill Rigs	3	136	0.50	Diesel
Intake3_3kcfs-5	Intakes	Intake 3 - 3,000 cfs	CAT 12 M	Graders	1	173	0.41	Diesel
Intake3_3kcfs-5	Intakes	Intake 3 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
Intake3_3kcfs-5	Intakes	Intake 3 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Intake3_3kcfs-5	Intakes	Intake 3 - 3,000 cfs	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake3_3kcfs-5	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	2	274	0.41	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	99	122	0.48	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	99	110	0.36	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	6	274	0.41	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	9	187	0.48	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT 825, Roller	Rollers	5	315	0.38	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	15	179	0.43	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	99	808	0.50	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	99	500	0.34	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	99	160	0.29	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	99	158	0.74	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	18	22	0.74	Diesel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	16	122	0.48	Diesel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	18	247	0.29	Diesel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	27	12	0.74	Diesel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	18	760	0.29	Diesel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	18	75	0.31	Diesel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	18	36	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	18	325	0.42	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	CAT Grader 16H	Graders	11	285	0.41	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
Intake3_3kcfs-10	Intakes	Intake 3 - 3,000 cfs	Hydraulic 25 Ton Crane	Cranes	38	100	0.29	Diesel
Intake3_3kcfs-10	Intakes	Intake 3 - 3,000 cfs	Hydraulic 40 Ton Crane	Cranes	18	300	0.29	Diesel
Intake3_3kcfs-11	Intakes	Intake 3 - 3,000 cfs	150 KW Diesel Generator	Generator Sets	20	183	0.74	Diesel
Intake3_3kcfs-11	Intakes	Intake 3 - 3,000 cfs	Hydraulic 15 Ton Crane	Cranes	20	100	0.29	Diesel
Intake3_3kcfs-11	Intakes	Intake 3 - 3,000 cfs	Water Pump, 6" Diesel	Pumps	80	13	0.74	Diesel
Intake3_3kcfs-12	Intakes	Intake 3 - 3,000 cfs	Air Compressor 250 cfm	Air Compressors	15	75	0.48	Diesel
Intake3_3kcfs-12	Intakes	Intake 3 - 3,000 cfs	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
Intake3_3kcfs-12	Intakes	Intake 3 - 3,000 cfs	Manitowoc 999-275 Ton Crane	Cranes	9	900	0.29	Diesel
Intake3_3kcfs-12	Intakes	Intake 3 - 3,000 cfs	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	5	210	0.74	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	4	22	0.74	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	7	300	0.48	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Auger, Drilled Pier, 48-60", 484 Hp	Bore/Drill Rigs	8	484	0.50	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	8	100	0.56	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	<1	274	0.41	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	10	130	0.36	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	3	286	0.36	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	4	76	0.43	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	10	3	0.42	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	18	247	0.29	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	27	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	<1	300	0.74	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Tremie Plant	Cement and Mortar Mixers	<1	500	0.56	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Water Pump, 6" Diesel	Pumps	8	13	0.74	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Air Compressor 250 cfm	Air Compressors	3	75	0.48	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Generator 500 kw	Generator Sets	4	670	0.74	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	1	263	0.37	Diesel
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	1	210	0.42	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	2	274	0.41	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Intake3_3kcfs-17	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	20	49	0.48	Diesel
Intake3_3kcfs-17	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	20	100	0.29	Diesel
Intake3_3kcfs-17	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	20	75	0.31	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	6	274	0.41	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	9	187	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT 825, Roller	Rollers	5	315	0.38	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	10	140	0.44	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	20	22	0.74	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	23	22	0.74	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	16	49	0.48	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	1	325	0.42	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
Intake3_3kcfs-21	Intakes	Intake 3 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	CAT 14 M	Graders	6	274	0.41	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	4	156	0.38	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Conc/RCC Paver, 8 -12 Ft. Wide, 230 HP	Pavers	1	230	0.42	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 15T, 100hp	Cranes	<1	100	0.29	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	<1	300	0.42	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	1	300	0.74	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Shotcrete Pump	Pumps	1	130	0.74	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	10	75	0.31	Diesel
Intake3_3kcfs-24	Intakes	Intake 3 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	8	74	0.37	Diesel
Intake3_3kcfs-24	Intakes	Intake 3 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
Intake3_3kcfs-24	Intakes	Intake 3 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	8	75	0.31	Diesel
Intake3_3kcfs-24	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	8	10	0.74	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	CAT 12 M	Graders	1	173	0.41	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	CAT 631G Scraper, Conventional	Scrapers	6	515	0.48	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	6	310	0.43	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	7	410	0.43	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	2	80	0.44	Diesel
Intake5_3kcfs-1	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	11	49	0.48	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	10	100	0.29	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT 12 M	Graders	6	173	0.41	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT 631G Scraper, Conventional	Scrapers	1	515	0.48	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	7	156	0.38	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	<1	410	0.43	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT Forklift 5,500 LB	Aerial Lifts	41	63	0.31	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	12	78	0.36	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	41	160	0.29	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 80T, 275hp	Cranes	2	275	0.29	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	52	122	0.48	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	52	110	0.36	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	6	274	0.41	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT 311, 0.69 cy, 70 hp	Excavators	<1	70	0.38	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	9	187	0.48	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT 825, Roller	Rollers	4	315	0.38	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	107	179	0.43	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	9	140	0.44	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	52	808	0.50	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	52	500	0.34	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	52	160	0.29	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 15T, 100hp	Cranes	<1	100	0.29	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	52	158	0.74	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	1	10	0.74	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Well Drill	Bore/Drill Rigs	3	136	0.50	Diesel
Intake5_3kcfs-4	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake5_3kcfs-4	Intakes	Intake 5 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
Intake5_3kcfs-4	Intakes	Intake 5 - 3,000 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	48	122	0.48	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	48	110	0.36	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	2	274	0.41	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	3	187	0.48	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT 825, Roller	Rollers	2	315	0.38	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	6	179	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	5	140	0.44	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	48	808	0.50	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	48	500	0.34	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	48	160	0.29	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	48	158	0.74	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	11	22	0.74	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	10	122	0.48	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	11	247	0.29	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	16	12	0.74	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	11	36	0.74	Diesel
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	11	325	0.42	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	CAT Grader 16H	Graders	8	285	0.41	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Hydraulic Excavator to 3.5	Excavators	1	350	0.38	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
Intake5_3kcfs-9	Intakes	Intake 5 - 3,000 cfs	Hydraulic 25 Ton Crane	Cranes	26	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_3kcfs-10	Intakes	Intake 5 - 3,000 cfs	150 KW Diesel Generator	Generator Sets	20	183	0.74	Diesel
Intake5_3kcfs-10	Intakes	Intake 5 - 3,000 cfs	Hydraulic 15 Ton Crane	Cranes	20	100	0.29	Diesel
Intake5_3kcfs-10	Intakes	Intake 5 - 3,000 cfs	Water Pump, 6" Diesel	Pumps	80	13	0.74	Diesel
Intake5_3kcfs-11	Intakes	Intake 5 - 3,000 cfs	Air Compressor 250 cfm	Air Compressors	8	75	0.48	Diesel
Intake5_3kcfs-11	Intakes	Intake 5 - 3,000 cfs	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
Intake5_3kcfs-11	Intakes	Intake 5 - 3,000 cfs	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
Intake5_3kcfs-11	Intakes	Intake 5 - 3,000 cfs	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
Intake5_3kcfs-11	Intakes	Intake 5 - 3,000 cfs	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	2	49	0.48	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	12	122	0.48	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	12	300	0.48	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Auger, Drilled Pier, 48-60", 484 Hp	Bore/Drill Rigs	11	484	0.50	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	11	100	0.56	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	6	74	0.37	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	<1	274	0.41	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	14	130	0.36	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	4	286	0.36	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	6	76	0.43	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	12	179	0.43	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	16	3	0.42	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	3	160	0.29	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	27	247	0.29	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	44	760	0.29	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	1	300	0.74	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Tremie Plant	Cement and Mortar Mixers	6	500	0.56	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Water Pump, 6" Diesel	Pumps	11	13	0.74	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	8	22	0.74	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	16	300	0.48	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	25	3	0.42	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	25	760	0.29	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	8	158	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	16	10	0.74	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Air Compressor 250 cfm	Air Compressors	3	75	0.48	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	1	148	0.37	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	2	76	0.43	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Generator 500 kw	Generator Sets	4	670	0.74	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	17	22	0.74	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake5_3kcfs-16	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	20	49	0.48	Diesel
Intake5_3kcfs-16	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	20	100	0.29	Diesel
Intake5_3kcfs-16	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	20	75	0.31	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	19	22	0.74	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	14	49	0.48	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Gradall, 1.50 Cy, 282 Hp	Excavators	<1	282	0.38	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	8	247	0.29	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	10	760	0.29	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	1	325	0.42	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	14	274	0.41	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Cat 613 C Self Loading Scraper	Scrapers	9	187	0.48	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT 825, Roller	Rollers	5	315	0.38	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	4	156	0.38	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT D6LGPDozer w winch	Crawler Tractors	14	179	0.43	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	9	140	0.44	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
Intake5_3kcfs-20	Intakes	Intake 5 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	4	22	0.74	Diesel
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	4	36	0.74	Diesel
Intake5_3kcfs-21	Intakes	Intake 5 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	4	325	0.42	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	7	74	0.37	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	2	156	0.38	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Conc/RCC Paver, 8 -12 Ft. Wide, 230 HP	Pavers	2	230	0.42	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 15T, 100hp	Cranes	<1	100	0.29	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	<1	300	0.42	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	2	300	0.74	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Shotcrete Pump	Pumps	2	130	0.74	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake5_3kcfs-23	Intakes	Intake 5 - 3,000 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
Intake5_3kcfs-23	Intakes	Intake 5 - 3,000 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_3kcfs-23	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_3kcfs-23	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	CAT 12 M	Graders	1	173	0.41	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	CAT 631G Scraper, Conventional	Scrapers	6	515	0.48	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	6	310	0.43	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	7	410	0.43	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
Intake5_3kcfs-25	Intakes	Intake 5 - 3,000 cfs	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
Intake5_3kcfs-25	Intakes	Intake 5 - 3,000 cfs	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
Intake5_3kcfs-25	Intakes	Intake 5 - 3,000 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
Intake2_1.5kcfs-1	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	2	49	0.48	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	14	100	0.29	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT 12 M	Graders	8	173	0.41	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT 631G Scraper, Conventional	Scrapers	1	515	0.48	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	2	130	0.36	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	9	156	0.38	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	<1	410	0.43	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	17	78	0.36	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 80T, 275hp	Cranes	2	275	0.29	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	62	122	0.48	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	62	110	0.36	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	8	274	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT 311, 0.69 cy, 70 hp	Excavators	1	70	0.38	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	13	187	0.48	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT 825, Roller	Rollers	6	315	0.38	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	2	76	0.43	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	15	179	0.43	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	3	145	0.36	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	12	140	0.44	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	62	808	0.50	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	62	500	0.34	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 30T	Cranes	62	160	0.29	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	7	384	0.38	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	62	158	0.74	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	4	10	0.74	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	2	10	0.74	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Well Drill	Bore/Drill Rigs	3	136	0.50	Diesel
Intake2_1.5kcfs-4	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Intake2_1.5kcfs-4	Intakes	Intake 2 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	5	140	0.44	Diesel
Intake2_1.5kcfs-4	Intakes	Intake 2 - 1,500 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	2	80	0.44	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	122	122	0.48	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	122	110	0.36	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	7	274	0.41	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT 825, Roller	Rollers	6	315	0.38	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	17	140	0.44	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	122	808	0.50	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	122	500	0.34	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 30T	Cranes	122	160	0.29	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	122	158	0.74	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	5	224	0.42	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	5	137	0.38	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	5	133	0.38	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	2	274	0.41	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	23	22	0.74	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	20	122	0.48	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	23	247	0.29	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	33	12	0.74	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	23	760	0.29	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	22	75	0.31	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	23	36	0.74	Diesel
Intake2_1.5kcfs-7	Intakes	Intake 2 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	23	325	0.42	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	CAT CB-634D Vibratory 84"	Rollers	6	145	0.38	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	CAT Grader 16H	Graders	6	285	0.41	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Hydraulic Excavator to 3.5	Excavators	1	350	0.38	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
Intake2_1.5kcfs-9	Intakes	Intake 2 - 1,500 cfs	Hydraulic 25 Ton Crane	Cranes	23	100	0.29	Diesel
Intake2_1.5kcfs-10	Intakes	Intake 2 - 1,500 cfs	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
Intake2_1.5kcfs-10	Intakes	Intake 2 - 1,500 cfs	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
Intake2_1.5kcfs-10	Intakes	Intake 2 - 1,500 cfs	Water Pump, 6" Diesel	Pumps	51	13	0.74	Diesel
Intake2_1.5kcfs-11	Intakes	Intake 2 - 1,500 cfs	Air Compressor 250 cfm	Air Compressors	7	75	0.48	Diesel
Intake2_1.5kcfs-11	Intakes	Intake 2 - 1,500 cfs	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
Intake2_1.5kcfs-11	Intakes	Intake 2 - 1,500 cfs	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
Intake2_1.5kcfs-11	Intakes	Intake 2 - 1,500 cfs	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake2_1.5kcfs-11	Intakes	Intake 2 - 1,500 cfs	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	2	49	0.48	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	11	122	0.48	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Air Compressor 900 cfm	Air Compressors	9	300	0.48	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Auger, Drilled Pier, 48-60", 484 Hp	Bore/Drill Rigs	10	484	0.50	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	10	100	0.56	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	5	74	0.37	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	<1	274	0.41	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	16	130	0.36	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	16	286	0.36	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	5	76	0.43	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	11	179	0.43	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	12	3	0.42	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 30T	Cranes	3	160	0.29	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	23	247	0.29	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	34	760	0.29	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	4	158	0.74	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	1	300	0.74	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Tremie Plant	Cement and Mortar Mixers	5	500	0.56	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Water Pump, 6" Diesel	Pumps	10	13	0.74	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	11	22	0.74	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Air Compressor 900 cfm	Air Compressors	21	300	0.48	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	1	263	0.37	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	32	3	0.42	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	12	247	0.29	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	33	760	0.29	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	1	210	0.42	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	11	158	0.74	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	21	10	0.74	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Air Compressor 250 cfm	Air Compressors	4	75	0.48	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	8	3	0.42	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Generator Set 500 K	Generator Sets	6	300	0.74	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	25	22	0.74	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	6	75	0.31	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake2_1.5kcfs-16	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	26	49	0.48	Diesel
Intake2_1.5kcfs-16	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	26	100	0.29	Diesel
Intake2_1.5kcfs-16	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	26	75	0.31	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	27	22	0.74	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	19	49	0.48	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	11	247	0.29	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	9	75	0.31	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	1	325	0.42	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	2	274	0.41	Diesel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	13	274	0.41	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	10	187	0.48	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT 825, Roller	Rollers	5	315	0.38	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	3	156	0.38	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	13	179	0.43	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	10	140	0.44	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	8	384	0.38	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	3	75	0.31	Diesel
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	6	36	0.74	Diesel
Intake2_1.5kcfs-20	Intakes	Intake 2 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	3	325	0.42	Diesel
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	5	122	0.48	Diesel
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	5	36	0.74	Diesel
Intake2_1.5kcfs-21	Intakes	Intake 2 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	5	325	0.42	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	8	74	0.37	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	7	130	0.36	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	3	156	0.38	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Conc/RCC Paver, 8 -12 Ft. Wide, 230 HP	Pavers	2	230	0.42	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	<1	300	0.42	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	2	300	0.74	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Shotcrete Pump	Pumps	2	130	0.74	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake2_1.5kcfs-23	Intakes	Intake 2 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	9	74	0.37	Diesel
Intake2_1.5kcfs-23	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
Intake2_1.5kcfs-23	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	9	75	0.31	Diesel
Intake2_1.5kcfs-23	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	9	10	0.74	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	CAT 12 M	Graders	1	173	0.41	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	CAT 631G Scraper, Conventional	Scrapers	7	515	0.48	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	7	310	0.43	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	9	410	0.43	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	<1	285	0.44	Diesel
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	5	74	0.37	Diesel
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	12	75	0.31	Diesel
Intake5_1.5kcfs-1	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	15	49	0.48	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	14	100	0.29	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT 12 M	Graders	8	173	0.41	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT 631G Scraper, Conventional	Scrapers	1	515	0.48	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	2	130	0.36	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	9	156	0.38	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	16	410	0.43	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	16	78	0.36	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 80T, 275hp	Cranes	2	275	0.29	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	15	75	0.31	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	46	122	0.48	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	46	110	0.36	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT 14 M	Graders	5	274	0.41	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT 311, 0.69 cy, 70 hp	Excavators	1	70	0.38	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	8	187	0.48	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT 825, Roller	Rollers	4	315	0.38	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	46	808	0.50	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	46	500	0.34	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	46	160	0.29	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	4	384	0.38	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	46	158	0.74	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	1	10	0.74	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Well Drill	Bore/Drill Rigs	3	136	0.50	Diesel
Intake5_1.5kcfs-4	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Intake5_1.5kcfs-4	Intakes	Intake 5 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
Intake5_1.5kcfs-4	Intakes	Intake 5 - 1,500 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	77	122	0.48	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	76	110	0.36	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT 14 M	Graders	4	274	0.41	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	5	187	0.48	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT 825, Roller	Rollers	3	315	0.38	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	76	808	0.50	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	76	500	0.34	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	76	160	0.29	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	76	158	0.74	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	11	22	0.74	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	10	122	0.48	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	11	247	0.29	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	17	12	0.74	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	11	36	0.74	Diesel
Intake5_1.5kcfs-7	Intakes	Intake 5 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	11	325	0.42	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	CAT D8 Dozer	Crawler Tractors	12	328	0.43	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	CAT Grader 16H	Graders	12	285	0.41	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Hydraulic 55 Ton Crane	Cranes	4	350	0.29	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Hydraulic Excavator to 3.5	Excavators	2	350	0.38	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
Intake5_1.5kcfs-9	Intakes	Intake 5 - 1,500 cfs	Hydraulic 25 Ton Crane	Cranes	23	100	0.29	Diesel
Intake5_1.5kcfs-10	Intakes	Intake 5 - 1,500 cfs	150 KW Diesel Generator	Generator Sets	13	183	0.74	Diesel
Intake5_1.5kcfs-10	Intakes	Intake 5 - 1,500 cfs	Hydraulic 15 Ton Crane	Cranes	13	100	0.29	Diesel
Intake5_1.5kcfs-10	Intakes	Intake 5 - 1,500 cfs	Water Pump, 6" Diesel	Pumps	51	13	0.74	Diesel
Intake5_1.5kcfs-11	Intakes	Intake 5 - 1,500 cfs	Air Compressor 250 cfm	Air Compressors	7	75	0.48	Diesel
Intake5_1.5kcfs-11	Intakes	Intake 5 - 1,500 cfs	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
Intake5_1.5kcfs-11	Intakes	Intake 5 - 1,500 cfs	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
Intake5_1.5kcfs-11	Intakes	Intake 5 - 1,500 cfs	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
Intake5_1.5kcfs-11	Intakes	Intake 5 - 1,500 cfs	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Auger, Drilled Pier, 48-60", 484 Hp	Bore/Drill Rigs	4	484	0.50	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	4	100	0.56	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT 14 M	Graders	<1	274	0.41	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	5	130	0.36	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	2	76	0.43	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	9	247	0.29	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	15	760	0.29	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	<1	300	0.74	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Tremie Plant	Cement and Mortar Mixers	2	500	0.56	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Water Pump, 6" Diesel	Pumps	4	13	0.74	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Water Pump, 10" Diesel	Pumps	1	200	0.74	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Air Compressor 900 cfm	Air Compressors	14	300	0.48	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	22	3	0.42	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	8	247	0.29	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	22	760	0.29	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	14	10	0.74	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	1	148	0.37	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	2	76	0.43	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	17	22	0.74	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	12	110	0.36	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	1	808	0.50	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	1	500	0.34	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	12	160	0.29	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	12	36	0.74	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	53	22	0.74	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	45	49	0.48	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	5	122	0.48	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	17	100	0.29	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	22	247	0.29	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	11	12	0.74	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	29	760	0.29	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	28	75	0.31	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	4	36	0.74	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	4	325	0.42	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake5_1.5kcfs-18	Intakes	Intake 5 - 1,500 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
Intake5_1.5kcfs-18	Intakes	Intake 5 - 1,500 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
Intake5_1.5kcfs-18	Intakes	Intake 5 - 1,500 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
Intake5_1.5kcfs-18	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
Intake5_1.5kcfs-18	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT 12 M	Graders	<1	173	0.41	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT 14 M	Graders	11	274	0.41	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Cat 613 C Self Loading Scraper	Scrapers	8	187	0.48	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT 825, Roller	Rollers	4	315	0.38	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	3	156	0.38	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	<1	210	0.42	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Water Pump,3" Gas, Diaphragm	Pumps	<1	10	0.74	Diesel
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake5_1.5kcfs-20	Intakes	Intake 5 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	1	325	0.42	Diesel
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
Intake5_1.5kcfs-21	Intakes	Intake 5 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	12	74	0.37	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	9	110	0.36	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	CAT 14 M	Graders	1	274	0.41	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	9	130	0.36	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	4	156	0.38	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Compactor, Trench Roller, Vib 32"w	Rollers	3	20	0.38	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Conc/RCC Paver, 8 -12 Ft. Wide, 230 HP	Pavers	3	230	0.42	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	1	300	0.42	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	3	300	0.74	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Shotcrete Pump	Pumps	3	130	0.74	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Vibro Driver/Extractor V20B	Other Construction Equipment	1	325	0.42	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
Intake5_1.5kcfs-23	Intakes	Intake 5 - 1,500 cfs	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	7	74	0.37	Diesel
Intake5_1.5kcfs-23	Intakes	Intake 5 - 1,500 cfs	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
Intake5_1.5kcfs-23	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
Intake5_1.5kcfs-23	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	CAT 12 M	Graders	1	173	0.41	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	CAT 631G Scraper, Conventional	Scrapers	7	515	0.48	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	CAT D8Rii, Dozer w winch	Crawler Tractors	7	310	0.43	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	CAT D9R, Dozer w ripper	Crawler Tractors	8	410	0.43	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	2	80	0.44	Diesel
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	<1	285	0.44	Diesel
Intake5_1.5kcfs-25	Intakes	Intake 5 - 1,500 cfs	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
Intake5_1.5kcfs-25	Intakes	Intake 5 - 1,500 cfs	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
Intake5_1.5kcfs-25	Intakes	Intake 5 - 1,500 cfs	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	Disk, Towed	Off-Highway Tractors	31	140	0.44	Diesel
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT 14 M	Graders	15	274	0.41	Diesel
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	Water Pump, 4" Diesel	Pumps	4	10	0.74	Diesel
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT 815, Roller	Rollers	31	170	0.38	Diesel
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	122	12	0.74	Diesel
Lambert_BatchPlantOpt12-3	Batch Plants	Lambert Road Batch Plant Alts 1-3	Air Compressor 375 cfm	Air Compressors	14	122	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Lambert_BatchPlantOpt12-3	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	28	78	0.36	Diesel
Lambert_BatchPlantOpt12-3	Batch Plants	Lambert Road Batch Plant Alts 1-3	Compactor, Plate, 22"w x 35"	Plate Compactors	14	9	0.43	Diesel
Lambert_BatchPlantOpt12-4	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Lambert_BatchPlantOpt12-4	Batch Plants	Lambert Road Batch Plant Alts 1-3	Compactor, Trench Roller, Vib 32"w	Rollers	6	20	0.38	Diesel
Lambert_BatchPlantOpt12-5	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT 14 M	Graders	36	274	0.41	Diesel
Lambert_BatchPlantOpt12-5	Batch Plants	Lambert Road Batch Plant Alts 1-3	Water Pump, 4" Diesel	Pumps	36	10	0.74	Diesel
Lambert_BatchPlantOpt12-5	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	36	156	0.38	Diesel
Lambert_BatchPlantOpt12-6	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	25	78	0.36	Diesel
Lambert_BatchPlantOpt12-6	Batch Plants	Lambert Road Batch Plant Alts 1-3	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	25	224	0.42	Diesel
Lambert_BatchPlantOpt12-6	Batch Plants	Lambert Road Batch Plant Alts 1-3	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	25	137	0.38	Diesel
Lambert_BatchPlantOpt12-6	Batch Plants	Lambert Road Batch Plant Alts 1-3	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	25	133	0.38	Diesel
Lambert_BatchPlantOpt12-7	Batch Plants	Lambert Road Batch Plant Alts 1-3	Air Compressor 185 cfm	Air Compressors	20	49	0.48	Diesel
Lambert_BatchPlantOpt12-7	Batch Plants	Lambert Road Batch Plant Alts 1-3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	10	75	0.31	Diesel
Lambert_BatchPlantOpt12-7	Batch Plants	Lambert Road Batch Plant Alts 1-3	Grove RT Crane 80T, 275hp	Cranes	20	275	0.29	Diesel
Lambert_BatchPlantOpt12-7	Batch Plants	Lambert Road Batch Plant Alts 1-3	Boom Truck, 12.5 Tn Boom	Cranes	10	100	0.29	Diesel
Lambert_BatchPlantOpt12-8	Batch Plants	Lambert Road Batch Plant Alts 1-3	Portable, 300 Kw, Diesel 480hp	Welders	4	480	0.74	Diesel
Lambert_BatchPlantOpt12-8	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT 962 H Wheel Loader	Rubber Tired Loaders	6	230	0.36	Diesel
Lambert_BatchPlantOpt12-8	Batch Plants	Lambert Road Batch Plant Alts 1-3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
Lambert_BatchPlantOpt12-9	Batch Plants	Lambert Road Batch Plant Alts 1-3	Portable, 300 Kw, Diesel 480hp	Welders	4	480	0.74	Diesel
Lambert_BatchPlantOpt12-9	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT 962 H Wheel Loader	Rubber Tired Loaders	7	230	0.36	Diesel
Lambert_BatchPlantOpt12-9	Batch Plants	Lambert Road Batch Plant Alts 1-3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
Lambert_BatchPlantOpt12-10	Batch Plants	Lambert Road Batch Plant Alts 1-3	Portable, 300 Kw, Diesel 480hp	Welders	5	480	0.74	Diesel
Lambert_BatchPlantOpt12-10	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT 962 H Wheel Loader	Rubber Tired Loaders	7	230	0.36	Diesel
Lambert_BatchPlantOpt12-10	Batch Plants	Lambert Road Batch Plant Alts 1-3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Disk, Towed	Off-Highway Tractors	31	140	0.44	Diesel
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT 14 M	Graders	15	274	0.41	Diesel
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Water Pump, 4" Diesel	Pumps	4	10	0.74	Diesel
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT 815, Roller	Rollers	31	170	0.38	Diesel
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	122	12	0.74	Diesel
Lambert_BatchPlantOpt56-3	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Air Compressor 375 cfm	Air Compressors	14	122	0.48	Diesel
Lambert_BatchPlantOpt56-3	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	28	78	0.36	Diesel
Lambert_BatchPlantOpt56-3	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Compactor, Plate, 22"w x 35"	Plate Compactors	14	9	0.43	Diesel
Lambert_BatchPlantOpt56-4	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Lambert_BatchPlantOpt56-4	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Compactor, Trench Roller, Vib 32"w	Rollers	6	20	0.38	Diesel
Lambert_BatchPlantOpt56-5	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT 14 M	Graders	36	274	0.41	Diesel
Lambert_BatchPlantOpt56-5	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Water Pump, 4" Diesel	Pumps	36	10	0.74	Diesel
Lambert_BatchPlantOpt56-5	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	36	156	0.38	Diesel
Lambert_BatchPlantOpt56-6	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	25	78	0.36	Diesel
Lambert_BatchPlantOpt56-6	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	25	224	0.42	Diesel
Lambert_BatchPlantOpt56-6	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	25	137	0.38	Diesel
Lambert_BatchPlantOpt56-6	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	25	133	0.38	Diesel
Lambert_BatchPlantOpt56-7	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Air Compressor 185 cfm	Air Compressors	21	49	0.48	Diesel
Lambert_BatchPlantOpt56-7	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Lambert_BatchPlantOpt56-7	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Grove RT Crane 80T, 275hp	Cranes	21	275	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Lambert_BatchPlantOpt56-7	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
Lambert_BatchPlantOpt56-8	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Portable, 300 Kw, Diesel 480hp	Welders	4	480	0.74	Diesel
Lambert_BatchPlantOpt56-8	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	6	230	0.36	Diesel
Lambert_BatchPlantOpt56-8	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
Lambert_BatchPlantOpt56-9	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Portable, 300 Kw, Diesel 480hp	Welders	5	480	0.74	Diesel
Lambert_BatchPlantOpt56-9	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	7	230	0.36	Diesel
Lambert_BatchPlantOpt56-9	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Disk, Towed	Off-Highway Tractors	31	140	0.44	Diesel
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT 14 M	Graders	15	274	0.41	Diesel
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Water Pump, 4" Diesel	Pumps	4	10	0.74	Diesel
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT 815, Roller	Rollers	31	170	0.38	Diesel
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	122	12	0.74	Diesel
Lambert_BatchPlantOpt78-3	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Air Compressor 375 cfm	Air Compressors	14	122	0.48	Diesel
Lambert_BatchPlantOpt78-3	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	28	78	0.36	Diesel
Lambert_BatchPlantOpt78-3	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Compactor, Plate, 22"w x 35"	Plate Compactors	14	9	0.43	Diesel
Lambert_BatchPlantOpt78-4	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Lambert_BatchPlantOpt78-4	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Compactor, Trench Roller, Vib 32"w	Rollers	6	20	0.38	Diesel
Lambert_BatchPlantOpt78-5	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT 14 M	Graders	36	274	0.41	Diesel
Lambert_BatchPlantOpt78-5	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Water Pump, 4" Diesel	Pumps	36	10	0.74	Diesel
Lambert_BatchPlantOpt78-5	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	36	156	0.38	Diesel
Lambert_BatchPlantOpt78-6	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	25	78	0.36	Diesel
Lambert_BatchPlantOpt78-6	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	25	224	0.42	Diesel
Lambert_BatchPlantOpt78-6	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	25	137	0.38	Diesel
Lambert_BatchPlantOpt78-6	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	25	133	0.38	Diesel
Lambert_BatchPlantOpt78-7A	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Air Compressor 185 cfm	Air Compressors	17	49	0.48	Diesel
Lambert_BatchPlantOpt78-7A	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	8	75	0.31	Diesel
Lambert_BatchPlantOpt78-7A	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Grove RT Crane 80T, 275hp	Cranes	17	275	0.29	Diesel
Lambert_BatchPlantOpt78-7A	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
Lambert_BatchPlantOpt78-7B	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Air Compressor 185 cfm	Air Compressors	21	49	0.48	Diesel
Lambert_BatchPlantOpt78-7B	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Lambert_BatchPlantOpt78-7B	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Grove RT Crane 80T, 275hp	Cranes	21	275	0.29	Diesel
Lambert_BatchPlantOpt78-7B	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
Lambert_BatchPlantOpt78-8	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Portable, 300 Kw, Diesel 480hp	Welders	4	480	0.74	Diesel
Lambert_BatchPlantOpt78-8	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	6	230	0.36	Diesel
Lambert_BatchPlantOpt78-8	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
Lambert_BatchPlantOpt78-9	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
Lambert_BatchPlantOpt78-9	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	4	230	0.36	Diesel
Lambert_BatchPlantOpt78-9	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Portable, 300 Kw, Diesel 480hp	Welders	3	480	0.74	Diesel
Lambert_BatchPlantOpt78-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	5	74	0.37	Diesel
Lambert_BatchPlantOpt78-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	13	230	0.36	Diesel
Lambert_BatchPlantOpt78-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Portable, 300 Kw, Diesel 480hp	Welders	9	480	0.74	Diesel
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Disk, Towed	Off-Highway Tractors	31	140	0.44	Diesel
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT 14 M	Graders	15	274	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Water Pump, 4" Diesel	Pumps	4	10	0.74	Diesel
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT 815, Roller	Rollers	31	170	0.38	Diesel
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	122	12	0.74	Diesel
Lambert_BatchPlantOpt910-3	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Air Compressor 375 cfm	Air Compressors	14	122	0.48	Diesel
Lambert_BatchPlantOpt910-3	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	28	78	0.36	Diesel
Lambert_BatchPlantOpt910-3	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	14	9	0.43	Diesel
Lambert_BatchPlantOpt910-4	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Lambert_BatchPlantOpt910-4	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Compactor, Trench Roller, Vib 32"w	Rollers	6	20	0.38	Diesel
Lambert_BatchPlantOpt910-5	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT 14 M	Graders	36	274	0.41	Diesel
Lambert_BatchPlantOpt910-5	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Water Pump, 4" Diesel	Pumps	36	10	0.74	Diesel
Lambert_BatchPlantOpt910-5	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	36	156	0.38	Diesel
Lambert_BatchPlantOpt910-6	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	25	78	0.36	Diesel
Lambert_BatchPlantOpt910-6	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	25	224	0.42	Diesel
Lambert_BatchPlantOpt910-6	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	25	137	0.38	Diesel
Lambert_BatchPlantOpt910-6	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	25	133	0.38	Diesel
Lambert_BatchPlantOpt910-7A	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Air Compressor 185 cfm	Air Compressors	21	49	0.48	Diesel
Lambert_BatchPlantOpt910-7A	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Lambert_BatchPlantOpt910-7A	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Grove RT Crane 80T, 275hp	Cranes	21	275	0.29	Diesel
Lambert_BatchPlantOpt910-7A	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
Lambert_BatchPlantOpt910-7B	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Air Compressor 185 cfm	Air Compressors	21	49	0.48	Diesel
Lambert_BatchPlantOpt910-7B	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Lambert_BatchPlantOpt910-7B	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Grove RT Crane 80T, 275hp	Cranes	21	275	0.29	Diesel
Lambert_BatchPlantOpt910-7B	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
Lambert_BatchPlantOpt910-7C	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Air Compressor 185 cfm	Air Compressors	22	49	0.48	Diesel
Lambert_BatchPlantOpt910-7C	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
Lambert_BatchPlantOpt910-7C	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Grove RT Crane 80T, 275hp	Cranes	22	275	0.29	Diesel
Lambert_BatchPlantOpt910-7C	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
Lambert_BatchPlantOpt910-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Portable, 300 Kw, Diesel 480hp	Welders	7	480	0.74	Diesel
Lambert_BatchPlantOpt910-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	10	230	0.36	Diesel
Lambert_BatchPlantOpt910-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel
Lambert_BatchPlantOpt910-11	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Portable, 300 Kw, Diesel 480hp	Welders	7	480	0.74	Diesel
Lambert_BatchPlantOpt910-11	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	10	230	0.36	Diesel
Lambert_BatchPlantOpt910-11	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel
SComplexWByron-1	Southern Complex	S. Complex W. Byron Hwy	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexWByron-1	Southern Complex	S. Complex W. Byron Hwy	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexWByron-1	Southern Complex	S. Complex W. Byron Hwy	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	9	110	0.36	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	CAT 950 H Wheel Loader	Rubber Tired Loaders	9	130	0.36	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Compactor, Plate, 22"w x 35"	Plate Compactors	4	9	0.43	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	57	179	0.43	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	4	22	0.74	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	17	384	0.38	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Portable, 20 Kw, Diesel, 36HP	Welders	4	36	0.74	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Vibro Driver/Extractor V20B	Other Construction Equipment	4	325	0.42	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Water Pump,3" Gas, Diaphragm	Pumps	5	10	0.74	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Well Drill	Bore/Drill Rigs	2	136	0.50	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	29	22	0.74	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	29	122	0.48	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	CAT 14 M	Graders	10	274	0.41	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	29	247	0.29	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	CAT D8Rii, Dozer w winch	Crawler Tractors	10	310	0.43	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Disk, Towed	Off-Highway Tractors	30	140	0.44	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	29	760	0.29	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	29	300	0.42	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Portable, 20 Kw, Diesel, 36HP	Welders	29	36	0.74	Diesel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Vibro Driver/Extractor V20B	Other Construction Equipment	29	325	0.42	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexWByron-7	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
SComplexWByron-7	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
SComplexWByron-7	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
SComplexWByron-8	Southern Complex	S. Complex W. Byron Hwy	Dewater Pump 6"	Pumps	80	50	0.74	Diesel
SComplexWByron-8	Southern Complex	S. Complex W. Byron Hwy	150 KW Diesel Generator	Generator Sets	20	183	0.74	Diesel
SComplexWByron-8	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 15 Ton Crane	Cranes	20	100	0.29	Diesel
SComplexWByron-9	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
SComplexWByron-9	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
SComplexWByron-10	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
SComplexWByron-10	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
SComplexWByron-11	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
SComplexWByron-11	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexWByron-11	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 999-275 Ton Crane	Cranes	7	900	0.29	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 55 Ton Crane	Cranes	4	350	0.29	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexWByron-13	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
SComplexWByron-13	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
SComplexWByron-13	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
SComplexWByron-14	Southern Complex	S. Complex W. Byron Hwy	Dewater Pump 6"	Pumps	80	50	0.74	Diesel
SComplexWByron-14	Southern Complex	S. Complex W. Byron Hwy	150 KW Diesel Generator	Generator Sets	20	183	0.74	Diesel
SComplexWByron-14	Southern Complex	S. Complex W. Byron Hwy	Hydraulic 15 Ton Crane	Cranes	20	100	0.29	Diesel
SComplexWByron-15	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexWByron-15	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexWByron-16	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	22	75	0.48	Diesel
SComplexWByron-16	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	22	760	0.29	Diesel
SComplexWByron-17	Southern Complex	S. Complex W. Byron Hwy	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
SComplexWByron-17	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexWByron-17	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 999-275 Ton Crane	Cranes	7	900	0.29	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT 12 M	Graders	2	173	0.41	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT D3 LGP, Dozer	Crawler Tractors	6	76	0.43	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	34	179	0.43	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	9	345	0.38	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	9	384	0.38	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	5	122	0.48	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	2	263	0.37	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	5	300	0.42	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Portable, 20 Kw, Diesel, 36HP	Welders	5	36	0.74	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	2	210	0.42	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Vibro Driver/Extractor V20B	Other Construction Equipment	5	325	0.42	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Well Drill	Bore/Drill Rigs	2	136	0.50	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	12	22	0.74	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 1600 cfm	Air Compressors	6	540	0.48	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	CAT 311, 0.69 cy, 70 hp	Excavators	<1	70	0.38	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	CAT 320D, 1.56 cy, 153 hp	Excavators	1	153	0.38	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Compactor, Plate, 22"w x 35"	Plate Compactors	5	9	0.43	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Concrete Vibrator, 2"	Other Construction Equipment	42	3	0.42	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Portable, 90 Kw, Diesel, 158HP	Welders	4	158	0.74	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexWByron-21	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexWByron-21	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	7	122	0.48	Diesel
SComplexWByron-21	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexWByron-21	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
SComplexWByron-21	Southern Complex	S. Complex W. Byron Hwy	Portable, 20 Kw, Diesel, 36HP	Welders	7	36	0.74	Diesel
SComplexWByron-21	Southern Complex	S. Complex W. Byron Hwy	Vibro Driver/Extractor V20B	Other Construction Equipment	7	325	0.42	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	15	22	0.74	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 1600 cfm	Air Compressors	7	540	0.48	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Concrete Vibrator, 2"	Other Construction Equipment	59	3	0.42	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexWByron-24	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	12	22	0.74	Diesel
SComplexWByron-24	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
SComplexWByron-25	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexWByron-25	Southern Complex	S. Complex W. Byron Hwy	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	24	384	0.38	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	CAT 311, 0.69 cy, 70 hp	Excavators	<1	70	0.38	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	1	263	0.37	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Compactor, Plate, 22"w x 35"	Plate Compactors	12	9	0.43	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Compactor, Trench Roller, Vib 32"w	Rollers	4	20	0.38	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	1	210	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Vibro Driver/Extractor V20B	Other Construction Equipment	3	325	0.42	Diesel
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	14	22	0.74	Diesel
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 1600 cfm	Air Compressors	7	540	0.48	Diesel
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Concrete Vibrator, 2"	Other Construction Equipment	51	3	0.42	Diesel
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	15	22	0.74	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	1	145	0.36	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 80T, 275hp	Cranes	4	275	0.29	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	400A Diesel Welder, Trailer Mounted	Welders	4	22	0.74	Diesel
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	Portable, 20 Kw, Diesel, 36HP	Welders	4	36	0.74	Diesel
SComplexWByron-29	Southern Complex	S. Complex W. Byron Hwy	Vibro Driver/Extractor V20B	Other Construction Equipment	4	325	0.42	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	CAT 631G Scraper, Conventional	Scrapers	3	515	0.48	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	CAT D8Rii, Dozer w winch	Crawler Tractors	3	310	0.43	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	CAT D9R, Dozer w ripper	Crawler Tractors	6	410	0.43	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	2	285	0.44	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	<1	80	0.44	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexWByronOpt9-10-1	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexWByronOpt9-10-1	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexWByronOpt9-10-1	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	10	110	0.36	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	10	130	0.36	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	5	9	0.43	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	16	274	0.41	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 30T	Cranes	3	160	0.29	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	44	179	0.43	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	5	122	0.48	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	44	247	0.29	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	216	384	0.38	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	5	36	0.74	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	5	325	0.42	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump,3" Gas, Diaphragm	Pumps	7	10	0.74	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Well Drill	Bore/Drill Rigs	2	136	0.50	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	39	22	0.74	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	39	122	0.48	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	14	274	0.41	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8Rii, Dozer w winch	Crawler Tractors	13	310	0.43	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	39	247	0.29	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	39	760	0.29	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	39	300	0.42	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	39	36	0.74	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	39	325	0.42	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	1600 CFM Compressor Diesel	Air Compressors	3	540	0.48	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Hyd Excavator 1CY	Excavators	3	138	0.38	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 55 Ton Crane	Cranes	6	350	0.29	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexWByronOpt9-10-7	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 25 Ton Crane	Cranes	7	100	0.29	Diesel
SComplexWByronOpt9-10-7	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexWByronOpt9-10-7	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexWByronOpt9-10-8	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Dewater Pump 6"	Pumps	87	50	0.74	Diesel
SComplexWByronOpt9-10-8	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	150 KW Diesel Generator	Generator Sets	22	183	0.74	Diesel
SComplexWByronOpt9-10-8	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 15 Ton Crane	Cranes	22	100	0.29	Diesel
SComplexWByronOpt9-10-9	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
SComplexWByronOpt9-10-9	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
SComplexWByronOpt9-10-10	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
SComplexWByronOpt9-10-10	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
SComplexWByronOpt9-10-11	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
SComplexWByronOpt9-10-11	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexWByronOpt9-10-11	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	2	345	0.38	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexWByronOpt9-10-13	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
SComplexWByronOpt9-10-13	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexWByronOpt9-10-13	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexWByronOpt9-10-14	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Dewater Pump 6"	Pumps	87	50	0.74	Diesel
SComplexWByronOpt9-10-14	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	150 KW Diesel Generator	Generator Sets	22	183	0.74	Diesel
SComplexWByronOpt9-10-14	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 15 Ton Crane	Cranes	22	100	0.29	Diesel
SComplexWByronOpt9-10-15	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexWByronOpt9-10-15	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexWByronOpt9-10-16	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	24	75	0.48	Diesel
SComplexWByronOpt9-10-16	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	24	760	0.29	Diesel
SComplexWByronOpt9-10-17	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
SComplexWByronOpt9-10-17	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexWByronOpt9-10-17	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999-275 Ton Crane	Cranes	8	900	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	37	179	0.43	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	8	345	0.38	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Diesel	Pumps	17	10	0.74	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	6	122	0.48	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 12 M	Graders	3	173	0.41	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	5	274	0.41	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	2	263	0.37	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	20	179	0.43	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8Rii, Dozer w winch	Crawler Tractors	5	310	0.43	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Disk, Towed	Off-Highway Tractors	16	140	0.44	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	8	247	0.29	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	13	345	0.38	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	6	300	0.42	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	6	36	0.74	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	2	210	0.42	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	6	325	0.42	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	12	22	0.74	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 1600 cfm	Air Compressors	6	540	0.48	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 311, 0.69 cy, 70 hp	Excavators	<1	70	0.38	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 320D, 1.56 cy, 153 hp	Excavators	1	153	0.38	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	42	3	0.42	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel, 158HP	Welders	6	158	0.74	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	7	122	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	18	9	0.43	Diesel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Trench Roller, Vib 32"w	Rollers	9	20	0.38	Diesel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	7	36	0.74	Diesel
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	7	325	0.42	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	15	22	0.74	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 1600 cfm	Air Compressors	7	540	0.48	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	59	3	0.42	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	98	179	0.43	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	16	3	0.42	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	49	384	0.38	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
SComplexWByronOpt9-10-24	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	22	22	0.74	Diesel
SComplexWByronOpt9-10-24	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 320D, 1.56 cy, 153 hp	Excavators	94	153	0.38	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	2	263	0.37	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	15	384	0.38	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	2	210	0.42	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	47	22	0.74	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 1600 cfm	Air Compressors	24	540	0.48	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 311, 0.69 cy, 70 hp	Excavators	<1	70	0.38	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	163	3	0.42	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	22	760	0.29	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel, 158HP	Welders	26	158	0.74	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 12 M	Graders	3	173	0.41	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	23	179	0.43	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	1	145	0.36	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	38	9	0.43	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Trench Roller, Vib 32"w	Rollers	13	20	0.38	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	12	3	0.42	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	11	345	0.38	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel, 158HP	Welders	<1	158	0.74	Diesel
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	14	22	0.74	Diesel
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 185 cfm	Air Compressors	2	49	0.48	Diesel
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexWByronOpt9-10-29	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	14	22	0.74	Diesel
SComplexWByronOpt9-10-29	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 cfm	Air Compressors	14	122	0.48	Diesel
SComplexWByronOpt9-10-29	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	13	247	0.29	Diesel
SComplexWByronOpt9-10-29	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	14	760	0.29	Diesel
SComplexWByronOpt9-10-29	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	14	36	0.74	Diesel
SComplexWByronOpt9-10-29	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	14	325	0.42	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8Rii, Dozer w winch	Crawler Tractors	3	310	0.43	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D9R, Dozer w ripper	Crawler Tractors	7	410	0.43	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	2	285	0.44	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	<1	80	0.44	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 980 H Wheel Loader	Rubber Tired Loaders	2	393	0.36	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 CFM	Air Compressors	1	122	0.48	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Case 590 SupN Loader/Hoe, 110 hp	Plate Compactors	1	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	<1	145	0.36	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	1	300	0.42	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	1	325	0.42	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump,3" Gas, Diaphragm	Pumps	2	10	0.74	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CB-634D Vibratory 84"	Rollers	67	145	0.38	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8 Dozer	Crawler Tractors	67	328	0.43	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Grader 16H	Graders	67	285	0.41	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	5	274	0.41	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	15	179	0.43	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8Rii, Dozer w winch	Crawler Tractors	5	310	0.43	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Disk, Towed	Off-Highway Tractors	14	80	0.44	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	9	130	0.36	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Hyd Excavator 1CY	Excavators	3	138	0.38	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	19	22	0.74	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 CFM	Air Compressors	19	122	0.48	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	19	247	0.29	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	19	760	0.29	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	19	300	0.42	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	19	36	0.74	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	19	325	0.42	Diesel
SComplexWByronOpt9-10-34	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-35	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
SComplexWByronOpt9-10-35	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexWByronOpt9-10-35	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
SComplexWByronOpt9-10-36	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	150 KW Diesel Generator	Generator Sets	12	183	0.74	Diesel
SComplexWByronOpt9-10-36	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Dewater Pump 6"	Pumps	47	50	0.74	Diesel
SComplexWByronOpt9-10-36	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 15 Ton Crane	Cranes	12	100	0.29	Diesel
SComplexWByronOpt9-10-37	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexWByronOpt9-10-37	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
SComplexWByronOpt9-10-37	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999-275 Ton Crane	Cranes	6	900	0.29	Diesel
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Heavy Duty Mechanic Welder	Welders	1	400	0.74	Diesel
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	1600 CFM Compressor Diesel	Air Compressors	<1	540	0.48	Diesel
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Heavy Duty Mechanic Welder	Welders	<1	400	0.74	Diesel
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 55 Ton Crane	Cranes	<1	350	0.29	Diesel
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	5	274	0.41	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	<1	80	0.44	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Dewater Pump 6"	Pumps	4	50	0.74	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 55 Ton Crane	Cranes	4	350	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 15 Ton Crane	Cranes	<1	100	0.29	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	2	345	0.38	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A Diesel Welder, Trailer Mounted	Welders	13	22	0.74	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 1600 cfm	Air Compressors	4	540	0.48	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Air Compressor 375 CFM	Air Compressors	4	122	0.48	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 311, 0.69 cy, 70 hp	Excavators	<1	70	0.38	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	138	0.38	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	1	210	0.37	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	<1	156	0.38	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D3 LGP, Dozer	Crawler Tractors	3	76	0.43	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D6LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Vibrator, 2"	Other Construction Equipment	30	3	0.42	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Disk, Towed	Off-Highway Tractors	4	140	0.44	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 30T, 160HP	Cranes	<1	160	0.29	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	6	345	0.38	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Manitowoc 999, 250T, 260' Boom	Cranes	<1	900	0.29	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer D62-22, Single 165k Ft-LB, Diesel,	Other Construction Equipment	2	300	0.42	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Pile Hammer,Vulcan, Single 50k Ft-LB w Comp	Other Construction Equipment	1	210	0.42	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Portable, 90 Kw, Diesel 158hp	Welders	4	158	0.74	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Vibro Driver/Extractor V20B	Other Construction Equipment	3	325	0.42	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Diesel	Pumps	4	10	0.74	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-1	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt1-1	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt1-1	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt1-1	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt1-1	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt1-2	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt1-2	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt1-2	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt1-2	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt1-2	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	4	274	0.41	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	3	230	0.36	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	12	78	0.36	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	11	247	0.29	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	9	12	0.74	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	4	12	0.74	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	14	274	0.41	Diesel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	156	0.38	Diesel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	8	76	0.43	Diesel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	8	145	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump,3" Gas, Diaphragm	Pumps	8	10	0.74	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	94	122	0.48	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	94	110	0.36	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	94	808	0.50	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	94	500	0.34	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	94	160	0.29	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	94	158	0.74	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	6	49	0.48	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	16	78	0.36	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	16	140	0.44	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	8	80	0.44	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	3	75	0.31	Diesel
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	8	300	0.48	Diesel
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 999-275 Ton Crane	Cranes	16	900	0.29	Diesel
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	16	158	0.74	Diesel
SComplexByronOpt1-8	Southern Complex	S. Complex Byron Tract Alt 1	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	16	563	0.29	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	29	100	0.56	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	29	110	0.36	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	29	230	0.36	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	29	179	0.43	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	29	247	0.29	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	29	275	0.29	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	54	760	0.29	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	29	8	0.56	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Techniwell	Pumps	29	500	0.74	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	3	534	0.38	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	14	3	0.42	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	23	760	0.29	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	4	275	0.29	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	14	3	0.42	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt1-15A	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	13	22	0.74	Diesel
SComplexByronOpt1-15A	Southern Complex	S. Complex Byron Tract Alt 1	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	13	145	0.36	Diesel
SComplexByronOpt1-15A	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	17	100	0.56	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	2	148	0.37	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 15T, 100hp	Cranes	2	100	0.29	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	3	13	0.74	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	38	49	0.48	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	38	100	0.29	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	38	160	0.29	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	38	75	0.31	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	6	49	0.48	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	6	75	0.31	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	10	75	0.31	Diesel
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt1-21	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt1-22	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-22	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt1-22	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	125	274	0.41	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT 815, Roller	Rollers	4	170	0.38	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	6	130	0.36	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	31	78	0.36	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt1-24	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt1-24	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt1-24	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt1-24	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt1-24	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	CAT 12 M	Graders	12	173	0.41	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	47	76	0.43	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	49	384	0.38	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	49	10	0.74	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt1-28	Southern Complex	S. Complex Byron Tract Alt 1	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt1-28	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-28	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt1-28	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt1-28	Southern Complex	S. Complex Byron Tract Alt 1	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Cat 613 C Self Loading Scraper	Scrapers	2	187	0.48	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT 966 GII Wheel Loader	Rubber Tired Loaders	10	286	0.36	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Gradall, 1.50 Cy, 282 Hp	Excavators	10	282	0.38	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	16	10	0.74	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	7	122	0.48	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	5	100	0.56	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	12	110	0.36	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	6	534	0.38	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	5	230	0.36	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	7	808	0.50	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	7	500	0.34	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	6	275	0.29	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	8	158	0.74	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Well Drill	Bore/Drill Rigs	<1	136	0.50	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	CAT Grader 16H	Graders	4	285	0.41	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	4	13	0.74	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt1-37	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt1-37	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt1-37	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 55 Ton Crane	Cranes	20	350	0.29	Diesel
SComplexByronOpt1-37	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt1-37	Southern Complex	S. Complex Byron Tract Alt 1	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt1-37	Southern Complex	S. Complex Byron Tract Alt 1	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	CAT Grader 16H	Graders	3	285	0.41	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	<1	13	0.74	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 55 Ton Crane	Cranes	21	350	0.29	Diesel
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	19	760	0.29	Diesel
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Telescope RT Forklift 5500	Forklifts	11	63	0.20	Diesel
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt1-44	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
SComplexByronOpt1-44	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexByronOpt1-44	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt1-45	Southern Complex	S. Complex Byron Tract Alt 1	CAT 631G Scraper, Conventional	Scrapers	<1	515	0.48	Diesel
SComplexByronOpt1-45	Southern Complex	S. Complex Byron Tract Alt 1	CAT 980 H Wheel Loader	Rubber Tired Loaders	8	393	0.36	Diesel
SComplexByronOpt1-45	Southern Complex	S. Complex Byron Tract Alt 1	CAT CB-634D Vibratory 84"	Rollers	18	145	0.38	Diesel
SComplexByronOpt1-45	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	27	328	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-45	Southern Complex	S. Complex Byron Tract Alt 1	CAT Grader 16H	Graders	<1	285	0.41	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
SComplexByronOpt1-47	Southern Complex	S. Complex Byron Tract Alt 1	Truck Crane Lattice Boom 90T	Cranes	5	300	0.29	Diesel
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 55 Ton Crane	Cranes	32	350	0.29	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Telescope RT Forklift 5500	Forklifts	30	63	0.20	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt1-50	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt1-50	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt1-50	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt1-50	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt1-51	Southern Complex	S. Complex Byron Tract Alt 1	Air Compressor 1600 cfm	Air Compressors	9	540	0.48	Diesel
SComplexByronOpt1-51	Southern Complex	S. Complex Byron Tract Alt 1	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt1-51	Southern Complex	S. Complex Byron Tract Alt 1	Grove RT Crane 80T, 275hp	Cranes	9	275	0.29	Diesel
SComplexByronOpt1-51	Southern Complex	S. Complex Byron Tract Alt 1	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt1-52	Southern Complex	S. Complex Byron Tract Alt 1	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt1-52	Southern Complex	S. Complex Byron Tract Alt 1	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	7	74	0.37	Diesel
SComplexByronOpt1-52	Southern Complex	S. Complex Byron Tract Alt 1	CAT 962 H Wheel Loader	Rubber Tired Loaders	14	230	0.36	Diesel
SComplexByronOpt1-52	Southern Complex	S. Complex Byron Tract Alt 1	Portable, 300 Kw, Diesel, 36HP	Welders	14	36	0.74	Diesel
SComplexByronOpt1-53	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
SComplexByronOpt1-53	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
SComplexByronOpt1-53	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
SComplexByronOpt1-53	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
SComplexByronOpt1-54	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
SComplexByronOpt1-54	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
SComplexByronOpt1-54	Southern Complex	S. Complex Byron Tract Alt 1	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
SComplexByronOpt1-54	Southern Complex	S. Complex Byron Tract Alt 1	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	CAT D8Rii, Dozer w winch	Crawler Tractors	8	310	0.43	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	CAT D9R, Dozer w ripper	Crawler Tractors	5	410	0.43	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	5	80	0.44	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
SComplexByronOpt2-1	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt2-1	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt2-1	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt2-1	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt2-1	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt2-2	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt2-2	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt2-2	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt2-2	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt2-2	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	4	12	0.74	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	14	274	0.41	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	156	0.38	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	8	76	0.43	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	8	145	0.36	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump,3" Gas, Diaphragm	Pumps	8	10	0.74	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	94	122	0.48	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	94	110	0.36	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	94	808	0.50	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	94	500	0.34	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	94	160	0.29	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	94	158	0.74	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	6	49	0.48	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	16	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	16	140	0.44	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	8	80	0.44	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	3	75	0.31	Diesel
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	8	300	0.48	Diesel
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 999-275 Ton Crane	Cranes	16	900	0.29	Diesel
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	16	158	0.74	Diesel
SComplexByronOpt2-8	Southern Complex	S. Complex Byron Tract Alt 3	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	16	563	0.29	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	29	100	0.56	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	29	110	0.36	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	1	274	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	29	230	0.36	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	29	179	0.43	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	29	247	0.29	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	29	275	0.29	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	54	760	0.29	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	29	8	0.56	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Techniwell	Pumps	29	500	0.74	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	3	534	0.38	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	14	3	0.42	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	23	760	0.29	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	4	275	0.29	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	14	3	0.42	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt2-15A	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	13	22	0.74	Diesel
SComplexByronOpt2-15A	Southern Complex	S. Complex Byron Tract Alt 3	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	13	145	0.36	Diesel
SComplexByronOpt2-15A	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	17	100	0.56	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	2	148	0.37	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 15T, 100hp	Cranes	2	100	0.29	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	3	13	0.74	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	38	49	0.48	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	38	100	0.29	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	38	160	0.29	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	38	75	0.31	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	6	49	0.48	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	6	75	0.31	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	10	75	0.31	Diesel
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt2-21	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt2-22	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt2-22	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt2-22	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	136	274	0.41	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT 815, Roller	Rollers	4	170	0.38	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	7	130	0.36	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	34	78	0.36	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	7	384	0.38	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt2-24	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt2-24	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt2-24	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt2-24	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt2-24	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	CAT 12 M	Graders	12	173	0.41	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	47	76	0.43	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	49	384	0.38	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	49	10	0.74	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt2-28	Southern Complex	S. Complex Byron Tract Alt 3	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt2-28	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt2-28	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt2-28	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt2-28	Southern Complex	S. Complex Byron Tract Alt 3	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Cat 613 C Self Loading Scraper	Scrapers	2	187	0.48	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT 966 GII Wheel Loader	Rubber Tired Loaders	10	286	0.36	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Gradall, 1.50 Cy, 282 Hp	Excavators	10	282	0.38	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	16	10	0.74	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	8	122	0.48	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	7	100	0.56	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	7	230	0.36	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	8	808	0.50	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	8	500	0.34	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	8	160	0.29	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	9	158	0.74	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	7	13	0.74	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Well Drill	Bore/Drill Rigs	<1	136	0.50	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT Grader 16H	Graders	4	285	0.41	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	4	13	0.74	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 55 Ton Crane	Cranes	20	350	0.29	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	CAT Grader 16H	Graders	3	285	0.41	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	<1	13	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 55 Ton Crane	Cranes	21	350	0.29	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	19	760	0.29	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Telescope RT Forklift 5500	Forklifts	11	63	0.20	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	1	808	0.50	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	1	500	0.34	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt2-44	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
SComplexByronOpt2-44	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexByronOpt2-44	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	CAT 631G Scraper, Conventional	Scrapers	<1	515	0.48	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	CAT 980 H Wheel Loader	Rubber Tired Loaders	8	393	0.36	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	CAT CB-634D Vibratory 84"	Rollers	18	145	0.38	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	27	328	0.43	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	CAT Grader 16H	Graders	<1	285	0.41	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Truck Crane Lattice Boom 90T	Cranes	5	300	0.29	Diesel
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	CAT 988 H Wheel Loader	Rubber Tired Loaders	8	400	0.36	Diesel
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 55 Ton Crane	Cranes	16	350	0.29	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Telescope RT Forklift 5500	Forklifts	15	63	0.20	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt2-50	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt2-50	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt2-50	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt2-50	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt2-51	Southern Complex	S. Complex Byron Tract Alt 3	Air Compressor 1600 cfm	Air Compressors	9	540	0.48	Diesel
SComplexByronOpt2-51	Southern Complex	S. Complex Byron Tract Alt 3	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt2-51	Southern Complex	S. Complex Byron Tract Alt 3	Grove RT Crane 80T, 275hp	Cranes	9	275	0.29	Diesel
SComplexByronOpt2-51	Southern Complex	S. Complex Byron Tract Alt 3	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt2-52	Southern Complex	S. Complex Byron Tract Alt 3	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt2-52	Southern Complex	S. Complex Byron Tract Alt 3	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	7	74	0.37	Diesel
SComplexByronOpt2-52	Southern Complex	S. Complex Byron Tract Alt 3	CAT 962 H Wheel Loader	Rubber Tired Loaders	14	230	0.36	Diesel
SComplexByronOpt2-52	Southern Complex	S. Complex Byron Tract Alt 3	Portable, 300 Kw, Diesel, 36HP	Welders	14	36	0.74	Diesel
SComplexByronOpt2-53	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
SComplexByronOpt2-53	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
SComplexByronOpt2-53	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
SComplexByronOpt2-53	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
SComplexByronOpt2-54	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
SComplexByronOpt2-54	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
SComplexByronOpt2-54	Southern Complex	S. Complex Byron Tract Alt 3	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
SComplexByronOpt2-54	Southern Complex	S. Complex Byron Tract Alt 3	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	CAT D8Rii, Dozer w winch	Crawler Tractors	8	310	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	CAT D9R, Dozer w ripper	Crawler Tractors	5	410	0.43	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	5	80	0.44	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
SComplexByronOpt5-1	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt5-1	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt5-1	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt5-1	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt5-1	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt5-2	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt5-2	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt5-2	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt5-2	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt5-2	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	158	0.38	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	158	0.38	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	13	274	0.41	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	158	0.38	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	7	76	0.43	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	7	145	0.36	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump,3" Gas, Diaphragm	Pumps	7	10	0.74	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	90	122	0.48	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	90	110	0.36	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	90	808	0.50	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	90	500	0.34	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	90	160	0.29	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	90	158	0.74	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	6	49	0.48	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	15	78	0.36	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	15	140	0.44	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	7	80	0.44	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	3	75	0.31	Diesel
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	8	300	0.48	Diesel
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	15	900	0.29	Diesel
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt5-8	Southern Complex	S. Complex Byron Tract Alt 2b	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	15	563	0.29	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	3	210	0.37	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	28	100	0.56	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	28	110	0.36	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	28	230	0.36	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	28	179	0.43	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	28	247	0.29	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	28	275	0.29	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	52	760	0.29	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	28	8	0.56	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Techniwell	Pumps	28	500	0.74	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	2	534	0.38	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 815, Roller	Rollers	<1	170	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	13	3	0.42	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	23	760	0.29	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	4	158	0.74	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	4	22	0.74	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	10	3	0.42	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt5-15A	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	11	22	0.74	Diesel
SComplexByronOpt5-15A	Southern Complex	S. Complex Byron Tract Alt 2b	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	11	145	0.36	Diesel
SComplexByronOpt5-15A	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	4	122	0.48	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	6	300	0.48	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	4	100	0.56	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 12 M	Graders	2	173	0.41	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	5	274	0.41	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	4	148	0.37	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	3	400	0.36	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	158	0.38	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	21	179	0.43	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	18	3	0.42	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 15T, 100hp	Cranes	4	100	0.29	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	8	384	0.38	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	21	760	0.29	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	6	158	0.74	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	7	13	0.74	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	40	22	0.74	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	40	49	0.48	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	40	100	0.29	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	40	160	0.29	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	40	75	0.31	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	7	300	0.48	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt5-21	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt5-22	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt5-22	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt5-22	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	5	110	0.36	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	114	274	0.41	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	5	130	0.36	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	29	78	0.36	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt5-24	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt5-24	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt5-24	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt5-24	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt5-24	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	10	100	0.29	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 12 M	Graders	13	173	0.41	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	53	76	0.43	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	56	384	0.38	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	56	10	0.74	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt5-28	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 12 M	Graders	<1	173	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-28	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-28	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt5-28	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt5-28	Southern Complex	S. Complex Byron Tract Alt 2b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	17	274	0.41	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	138	0.38	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 613 C Self Loading Scraper	Scrapers	3	187	0.48	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	11	230	0.36	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	15	286	0.36	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 980 H Wheel Loader	Rubber Tired Loaders	2	393	0.36	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	11	158	0.38	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	2	80	0.44	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Gradall, 1.50 Cy, 282 Hp	Excavators	15	282	0.38	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Hydro Mulcher, 18 HP	Pumps	1	25	0.74	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	16	384	0.38	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	24	10	0.74	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	6	122	0.48	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	5	100	0.56	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	11	110	0.36	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	6	534	0.38	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	5	230	0.36	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	210	0.37	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	6	275	0.29	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Well Drill	Bore/Drill Rigs	<1	136	0.50	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	10	22	0.74	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Grader 16H	Graders	4	285	0.41	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	4	13	0.74	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 55 Ton Crane	Cranes	19	350	0.29	Diesel
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	19	760	0.29	Diesel
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	Telescope RT Forklift 5500	Forklifts	11	63	0.20	Diesel
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	5	122	0.48	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	5	110	0.36	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	5	808	0.50	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	5	500	0.34	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	4	75	0.48	Diesel
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Telescope RT Forklift 5500	Forklifts	<1	63	0.20	Diesel
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 55 Ton Crane	Cranes	19	350	0.29	Diesel
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	19	760	0.29	Diesel
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Telescope RT Forklift 5500	Forklifts	11	63	0.20	Diesel
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CB-634D Vibratory 84"	Rollers	<1	145	0.38	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Grader 16H	Graders	<1	285	0.41	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	7	210	0.74	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt5-44	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
SComplexByronOpt5-44	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
SComplexByronOpt5-44	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 631G Scraper, Conventional	Scrapers	<1	515	0.48	Diesel
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 980 H Wheel Loader	Rubber Tired Loaders	8	393	0.36	Diesel
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CB-634D Vibratory 84"	Rollers	17	145	0.38	Diesel
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	25	328	0.43	Diesel
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Grader 16H	Graders	25	285	0.41	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt5-47	Southern Complex	S. Complex Byron Tract Alt 2b	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 988 H Wheel Loader	Rubber Tired Loaders	3	400	0.36	Diesel
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt5-50	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt5-50	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt5-50	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt5-50	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt5-51	Southern Complex	S. Complex Byron Tract Alt 2b	Air Compressor 1600 cfm	Air Compressors	5	540	0.48	Diesel
SComplexByronOpt5-51	Southern Complex	S. Complex Byron Tract Alt 2b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt5-51	Southern Complex	S. Complex Byron Tract Alt 2b	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
SComplexByronOpt5-51	Southern Complex	S. Complex Byron Tract Alt 2b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt5-52	Southern Complex	S. Complex Byron Tract Alt 2b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt5-52	Southern Complex	S. Complex Byron Tract Alt 2b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	8	74	0.37	Diesel
SComplexByronOpt5-52	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 962 H Wheel Loader	Rubber Tired Loaders	16	230	0.36	Diesel
SComplexByronOpt5-52	Southern Complex	S. Complex Byron Tract Alt 2b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
SComplexByronOpt5-52	Southern Complex	S. Complex Byron Tract Alt 2b	Portable, 300 Kw, Diesel, 36HP	Welders	16	400	0.74	Diesel
SComplexByronOpt5-53	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
SComplexByronOpt5-53	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
SComplexByronOpt5-53	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
SComplexByronOpt5-53	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
SComplexByronOpt5-54	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
SComplexByronOpt5-54	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
SComplexByronOpt5-54	Southern Complex	S. Complex Byron Tract Alt 2b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
SComplexByronOpt5-54	Southern Complex	S. Complex Byron Tract Alt 2b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D8Rii, Dozer w winch	Crawler Tractors	8	310	0.43	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 631G Scraper, Conventional	Scrapers	8	515	0.48	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	CAT D9R, Dozer w ripper	Crawler Tractors	5	410	0.43	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	Hydro Mulcher, 18 HP	Pumps	<1	25	0.74	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
SComplexByronOpt6-1	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt6-1	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt6-1	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt6-1	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt6-1	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt6-2	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-2	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt6-2	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt6-2	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt6-2	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	158	0.38	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Rolller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	158	0.38	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	13	274	0.41	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	5	158	0.38	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	7	76	0.43	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	7	145	0.36	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump,3" Gas, Diaphragm	Pumps	7	10	0.74	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	99	122	0.48	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	99	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	99	808	0.50	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	99	500	0.34	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	99	160	0.29	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	99	158	0.74	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	11	78	0.36	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	11	140	0.44	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	5	80	0.44	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	<1	275	0.29	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	8	300	0.48	Diesel
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	17	900	0.29	Diesel
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	17	158	0.74	Diesel
SComplexByronOpt6-8	Southern Complex	S. Complex Byron Tract Alt 4b	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	17	563	0.29	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	3	210	0.37	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	30	100	0.56	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	30	110	0.36	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	30	230	0.36	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	30	179	0.43	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	30	247	0.29	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	30	275	0.29	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	55	760	0.29	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	30	8	0.56	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Techniwell	Pumps	30	500	0.74	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	2	534	0.38	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	13	3	0.42	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	23	760	0.29	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	4	158	0.74	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	14	3	0.42	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt6-15A	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	11	22	0.74	Diesel
SComplexByronOpt6-15A	Southern Complex	S. Complex Byron Tract Alt 4b	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	11	145	0.36	Diesel
SComplexByronOpt6-15A	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	11	760	0.29	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	2	148	0.37	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	8	3	0.42	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 15T, 100hp	Cranes	2	100	0.29	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	4	384	0.38	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	3	13	0.74	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	37	22	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	37	49	0.48	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	37	100	0.29	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	<1	3	0.42	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	37	160	0.29	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	37	75	0.31	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	7	300	0.48	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Rolller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt6-21	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt6-22	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt6-22	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt6-22	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	8	110	0.36	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	158	274	0.41	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 815, Roller	Rollers	4	170	0.38	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	8	130	0.36	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	12	179	0.43	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	40	78	0.36	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Compactor, Plate, 22"w x 35"	Plate Compactors	4	9	0.43	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	8	384	0.38	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt6-24	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt6-24	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-24	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt6-24	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt6-24	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	10	100	0.29	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 12 M	Graders	13	173	0.41	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	53	76	0.43	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	56	384	0.38	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	56	10	0.74	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt6-28	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt6-28	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-28	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt6-28	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt6-28	Southern Complex	S. Complex Byron Tract Alt 4b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	6	274	0.41	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	138	0.38	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	4	230	0.36	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	5	286	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	4	158	0.38	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Gradall, 1.50 Cy, 282 Hp	Excavators	5	282	0.38	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Hydro Mulcher, 18 HP	Pumps	<1	25	0.74	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 20 Kw, Diesel, 36HP	Welders	1	36	0.74	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	8	10	0.74	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	158	0.38	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	17	122	0.48	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	14	100	0.56	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	31	110	0.36	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	16	534	0.38	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	14	230	0.36	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	1	210	0.37	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	158	0.38	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D6LGPDozer w winch	Crawler Tractors	14	179	0.43	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Vibrator, 2"	Other Construction Equipment	18	3	0.42	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	17	808	0.50	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	17	500	0.34	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	17	160	0.29	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	15	275	0.29	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	20	158	0.74	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	14	13	0.74	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Grader 16H	Graders	4	285	0.41	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	4	13	0.74	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt6-37	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt6-37	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt6-37	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 55 Ton Crane	Cranes	19	350	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-37	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	19	760	0.29	Diesel
SComplexByronOpt6-37	Southern Complex	S. Complex Byron Tract Alt 4b	Telescope RT Forklift 5500	Forklifts	11	63	0.20	Diesel
SComplexByronOpt6-37	Southern Complex	S. Complex Byron Tract Alt 4b	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	5	122	0.48	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	5	110	0.36	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	5	808	0.50	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	5	500	0.34	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	4	75	0.48	Diesel
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Telescope RT Forklift 5500	Forklifts	<1	63	0.20	Diesel
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 55 Ton Crane	Cranes	19	350	0.29	Diesel
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	19	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Telescope RT Forklift 5500	Forklifts	11	63	0.20	Diesel
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CB-634D Vibratory 84"	Rollers	<1	145	0.38	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Grader 16H	Graders	<1	285	0.41	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	7	210	0.74	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt6-44	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
SComplexByronOpt6-44	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt6-44	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt6-45	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 980 H Wheel Loader	Rubber Tired Loaders	8	393	0.36	Diesel
SComplexByronOpt6-45	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CB-634D Vibratory 84"	Rollers	18	145	0.38	Diesel
SComplexByronOpt6-45	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt6-45	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Grader 16H	Graders	26	285	0.41	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 999-275 Ton Crane	Cranes	6	900	0.29	Diesel
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
SComplexByronOpt6-47	Southern Complex	S. Complex Byron Tract Alt 4b	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Telescope RT Forklift 5500	Forklifts	9	63	0.20	Diesel
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt6-50	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt6-50	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt6-50	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt6-50	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt6-51	Southern Complex	S. Complex Byron Tract Alt 4b	Air Compressor 1600 cfm	Air Compressors	5	540	0.48	Diesel
SComplexByronOpt6-51	Southern Complex	S. Complex Byron Tract Alt 4b	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt6-51	Southern Complex	S. Complex Byron Tract Alt 4b	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
SComplexByronOpt6-51	Southern Complex	S. Complex Byron Tract Alt 4b	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt6-52	Southern Complex	S. Complex Byron Tract Alt 4b	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt6-52	Southern Complex	S. Complex Byron Tract Alt 4b	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	8	74	0.37	Diesel
SComplexByronOpt6-52	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 962 H Wheel Loader	Rubber Tired Loaders	16	230	0.36	Diesel
SComplexByronOpt6-52	Southern Complex	S. Complex Byron Tract Alt 4b	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
SComplexByronOpt6-52	Southern Complex	S. Complex Byron Tract Alt 4b	Portable, 300 Kw, Diesel, 36HP	Welders	16	400	0.74	Diesel
SComplexByronOpt6-53	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
SComplexByronOpt6-53	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Rolller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
SComplexByronOpt6-53	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
SComplexByronOpt6-53	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
SComplexByronOpt6-54	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
SComplexByronOpt6-54	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Rolller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
SComplexByronOpt6-54	Southern Complex	S. Complex Byron Tract Alt 4b	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
SComplexByronOpt6-54	Southern Complex	S. Complex Byron Tract Alt 4b	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D8Rii, Dozer w winch	Crawler Tractors	8	310	0.43	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 631G Scraper, Conventional	Scrapers	8	515	0.48	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	CAT D9R, Dozer w ripper	Crawler Tractors	5	410	0.43	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	2	80	0.44	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	Hydro Mulcher, 18 HP	Pumps	<1	25	0.74	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	4	12	0.74	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	16	274	0.41	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	6	156	0.38	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	9	76	0.43	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	9	145	0.36	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	6	13	0.74	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	101	122	0.48	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	101	110	0.36	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	101	808	0.50	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	101	500	0.34	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	101	160	0.29	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	3	75	0.31	Diesel
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	101	158	0.74	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	13	49	0.48	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	35	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	35	140	0.44	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	18	80	0.44	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	8	300	0.48	Diesel
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	17	900	0.29	Diesel
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	17	158	0.74	Diesel
SComplexByronOpt9-8	Southern Complex	S. Complex Byron Tract Alt 2a	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	17	563	0.29	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	32	100	0.56	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	32	110	0.36	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	2	274	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	32	230	0.36	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	32	179	0.43	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	32	247	0.29	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	32	275	0.29	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	59	760	0.29	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	32	8	0.56	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Techniwell	Pumps	32	500	0.74	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	3	534	0.38	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	15	3	0.42	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	11	247	0.29	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	25	760	0.29	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	2	534	0.38	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	16	3	0.42	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt9-15A	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	14	22	0.74	Diesel
SComplexByronOpt9-15A	Southern Complex	S. Complex Byron Tract Alt 2a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	14	145	0.36	Diesel
SComplexByronOpt9-15A	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	14	760	0.29	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	2	148	0.37	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	8	3	0.42	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 15T, 100hp	Cranes	2	100	0.29	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	4	384	0.38	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	3	13	0.74	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	8	160	0.29	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	8	75	0.31	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	40	49	0.48	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	40	100	0.29	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	40	160	0.29	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	40	75	0.31	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt9-21	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt9-22	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt9-22	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt9-22	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	126	274	0.41	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 815, Roller	Rollers	4	170	0.38	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	6	130	0.36	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	32	78	0.36	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt9-24	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt9-24	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt9-24	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt9-24	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt9-24	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 12 M	Graders	12	173	0.41	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	47	76	0.43	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	49	384	0.38	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	49	10	0.74	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt9-28	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt9-28	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt9-28	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt9-28	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt9-28	Southern Complex	S. Complex Byron Tract Alt 2a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	12	274	0.41	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 613 C Self Loading Scraper	Scrapers	2	187	0.48	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	10	286	0.36	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Gradall, 1.50 Cy, 282 Hp	Excavators	10	282	0.38	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	16	10	0.74	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	8	122	0.48	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	6	100	0.56	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	14	110	0.36	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	7	534	0.38	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	6	230	0.36	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D6LGPDozer w winch	Crawler Tractors	6	179	0.43	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Vibrator, 2"	Other Construction Equipment	8	3	0.42	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	8	808	0.50	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	8	500	0.34	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	8	160	0.29	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	9	158	0.74	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	6	13	0.74	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Well Drill	Bore/Drill Rigs	<1	136	0.50	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	8	275	0.29	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 55 Ton Crane	Cranes	4	350	0.29	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 55 Ton Crane	Cranes	20	350	0.29	Diesel
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Grader 16H	Graders	3	285	0.41	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	1	210	0.74	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	<1	13	0.74	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Telescope RT Forklift 5500	Forklifts	<1	63	0.20	Diesel
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 55 Ton Crane	Cranes	19	350	0.29	Diesel
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	17	760	0.29	Diesel
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt9-44	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
SComplexByronOpt9-44	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexByronOpt9-44	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 631G Scraper, Conventional	Scrapers	<1	515	0.48	Diesel
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 980 H Wheel Loader	Rubber Tired Loaders	8	393	0.36	Diesel
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CB-634D Vibratory 84"	Rollers	18	145	0.38	Diesel
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	27	328	0.43	Diesel
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Grader 16H	Graders	26	285	0.41	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt9-47	Southern Complex	S. Complex Byron Tract Alt 2a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 988 H Wheel Loader	Rubber Tired Loaders	4	400	0.36	Diesel
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Telescope RT Forklift 5500	Forklifts	13	63	0.20	Diesel
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	12	22	0.74	Diesel
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	6	540	0.48	Diesel
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	12	275	0.29	Diesel
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	6	75	0.31	Diesel
SComplexByronOpt9-51	Southern Complex	S. Complex Byron Tract Alt 2a	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt9-51	Southern Complex	S. Complex Byron Tract Alt 2a	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt9-51	Southern Complex	S. Complex Byron Tract Alt 2a	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt9-51	Southern Complex	S. Complex Byron Tract Alt 2a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt9-52	Southern Complex	S. Complex Byron Tract Alt 2a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt9-52	Southern Complex	S. Complex Byron Tract Alt 2a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	8	74	0.37	Diesel
SComplexByronOpt9-52	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 962 H Wheel Loader	Rubber Tired Loaders	17	230	0.36	Diesel
SComplexByronOpt9-52	Southern Complex	S. Complex Byron Tract Alt 2a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
SComplexByronOpt9-52	Southern Complex	S. Complex Byron Tract Alt 2a	Portable, 300 Kw, Diesel, 36HP	Welders	16	36	0.74	Diesel
SComplexByronOpt9-53	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
SComplexByronOpt9-53	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
SComplexByronOpt9-53	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
SComplexByronOpt9-53	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt9-54	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
SComplexByronOpt9-54	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
SComplexByronOpt9-54	Southern Complex	S. Complex Byron Tract Alt 2a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
SComplexByronOpt9-54	Southern Complex	S. Complex Byron Tract Alt 2a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D8Rii, Dozer w winch	Crawler Tractors	10	310	0.43	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 631G Scraper, Conventional	Scrapers	10	515	0.48	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	CAT D9R, Dozer w ripper	Crawler Tractors	6	410	0.43	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	6	80	0.44	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	5	345	0.38	Diesel
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	4	12	0.74	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	16	274	0.41	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	6	156	0.38	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	9	76	0.43	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	9	145	0.36	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	6	13	0.74	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	101	122	0.48	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	101	110	0.36	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	101	808	0.50	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	101	500	0.34	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	101	160	0.29	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	3	75	0.31	Diesel
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	101	158	0.74	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	13	49	0.48	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	35	78	0.36	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	35	140	0.44	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	17	80	0.44	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	9	300	0.48	Diesel
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	18	900	0.29	Diesel
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	18	158	0.74	Diesel
SComplexByronOpt10-8	Southern Complex	S. Complex Byron Tract Alt 4a	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	18	563	0.29	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	32	100	0.56	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	32	110	0.36	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	32	230	0.36	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	32	179	0.43	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	32	247	0.29	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	32	275	0.29	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	60	760	0.29	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	32	8	0.56	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Techniwell	Pumps	32	500	0.74	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	3	534	0.38	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	15	3	0.42	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	11	247	0.29	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	25	760	0.29	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	2	534	0.38	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	16	3	0.42	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt10-15A	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	14	22	0.74	Diesel
SComplexByronOpt10-15A	Southern Complex	S. Complex Byron Tract Alt 4a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	14	145	0.36	Diesel
SComplexByronOpt10-15A	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	14	760	0.29	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	2	148	0.37	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	8	3	0.42	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 15T, 100hp	Cranes	2	100	0.29	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	4	384	0.38	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	3	13	0.74	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	8	160	0.29	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	8	75	0.31	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	40	49	0.48	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	40	100	0.29	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	40	160	0.29	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	40	75	0.31	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	<1	160	0.29	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	4	74	0.37	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	11	75	0.31	Diesel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt10-21	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt10-22	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt10-22	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-22	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	8	110	0.36	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	157	274	0.41	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 815, Roller	Rollers	4	170	0.38	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	8	130	0.36	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	12	179	0.43	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	39	78	0.36	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Compactor, Plate, 22"w x 35"	Plate Compactors	4	9	0.43	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	8	384	0.38	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt10-24	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt10-24	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt10-24	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt10-24	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt10-24	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 12 M	Graders	12	173	0.41	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	47	76	0.43	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	49	384	0.38	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	49	10	0.74	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt10-28	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt10-28	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-28	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt10-28	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt10-28	Southern Complex	S. Complex Byron Tract Alt 4a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	12	274	0.41	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 613 C Self Loading Scraper	Scrapers	2	187	0.48	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	10	286	0.36	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Gradall, 1.50 Cy, 282 Hp	Excavators	10	282	0.38	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	16	10	0.74	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	8	122	0.48	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	6	100	0.56	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	14	110	0.36	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	7	534	0.38	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	6	230	0.36	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D6LGPDozer w winch	Crawler Tractors	6	179	0.43	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Vibrator, 2"	Other Construction Equipment	8	3	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	8	808	0.50	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	8	500	0.34	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	8	160	0.29	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	7	275	0.29	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	9	158	0.74	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	6	13	0.74	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Well Drill	Bore/Drill Rigs	<1	136	0.50	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	8	275	0.29	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 55 Ton Crane	Cranes	4	350	0.29	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 55 Ton Crane	Cranes	20	350	0.29	Diesel
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	7	75	0.48	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Grader 16H	Graders	3	285	0.41	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	1	210	0.74	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	<1	13	0.74	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Telescope RT Forklift 5500	Forklifts	<1	63	0.20	Diesel
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Truck Crane Lattice Boom 90T	Cranes	<1	300	0.29	Diesel
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	5	400	0.36	Diesel
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	5	63	0.31	Diesel
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	5	85	0.29	Diesel
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 55 Ton Crane	Cranes	17	350	0.29	Diesel
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	17	760	0.29	Diesel
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	1	808	0.50	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	1	500	0.34	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	5	130	0.36	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	7	760	0.29	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt10-44	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
SComplexByronOpt10-44	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt10-44	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt10-45	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 980 H Wheel Loader	Rubber Tired Loaders	9	393	0.36	Diesel
SComplexByronOpt10-45	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CB-634D Vibratory 84"	Rollers	20	145	0.38	Diesel
SComplexByronOpt10-45	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	29	328	0.43	Diesel
SComplexByronOpt10-45	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Grader 16H	Graders	29	285	0.41	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	CAT CB-634D Vibratory 84"	Rollers	9	145	0.38	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Grader 16H	Graders	9	285	0.41	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 200 Ton Crane	Cranes	4	760	0.29	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	2	8	0.56	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	18	75	0.48	Diesel
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	15	760	0.29	Diesel
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
SComplexByronOpt10-47	Southern Complex	S. Complex Byron Tract Alt 4a	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 988 H Wheel Loader	Rubber Tired Loaders	8	400	0.36	Diesel
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Hydraulic 55 Ton Crane	Cranes	17	350	0.29	Diesel
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Telescope RT Forklift 5500	Forklifts	16	63	0.20	Diesel
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	12	22	0.74	Diesel
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	6	540	0.48	Diesel
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	12	275	0.29	Diesel
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	6	75	0.31	Diesel
SComplexByronOpt10-51	Southern Complex	S. Complex Byron Tract Alt 4a	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt10-51	Southern Complex	S. Complex Byron Tract Alt 4a	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt10-51	Southern Complex	S. Complex Byron Tract Alt 4a	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt10-51	Southern Complex	S. Complex Byron Tract Alt 4a	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt10-52	Southern Complex	S. Complex Byron Tract Alt 4a	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt10-52	Southern Complex	S. Complex Byron Tract Alt 4a	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	8	74	0.37	Diesel
SComplexByronOpt10-52	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 962 H Wheel Loader	Rubber Tired Loaders	15	230	0.36	Diesel
SComplexByronOpt10-52	Southern Complex	S. Complex Byron Tract Alt 4a	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	4	210	0.74	Diesel
SComplexByronOpt10-52	Southern Complex	S. Complex Byron Tract Alt 4a	Portable, 300 Kw, Diesel, 36HP	Welders	15	36	0.74	Diesel
SComplexByronOpt10-53	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
SComplexByronOpt10-53	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
SComplexByronOpt10-53	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
SComplexByronOpt10-53	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
SComplexByronOpt10-54	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
SComplexByronOpt10-54	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
SComplexByronOpt10-54	Southern Complex	S. Complex Byron Tract Alt 4a	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
SComplexByronOpt10-54	Southern Complex	S. Complex Byron Tract Alt 4a	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D8Rii, Dozer w winch	Crawler Tractors	9	310	0.43	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 631G Scraper, Conventional	Scrapers	9	515	0.48	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	CAT D9R, Dozer w ripper	Crawler Tractors	6	410	0.43	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	6	80	0.44	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	5	345	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	4	12	0.74	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	55	274	0.41	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	20	400	0.36	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	20	156	0.38	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	31	76	0.43	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	31	145	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	20	13	0.74	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump,3" Gas, Diaphragm	Pumps	31	10	0.74	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	95	122	0.48	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	95	110	0.36	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	95	808	0.50	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	95	500	0.34	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	95	160	0.29	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	95	158	0.74	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	11	49	0.48	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	29	78	0.36	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	29	140	0.44	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	14	80	0.44	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	6	75	0.31	Diesel
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	8	300	0.48	Diesel
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	16	900	0.29	Diesel
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	16	158	0.74	Diesel
SComplexByronOpt7-8	Southern Complex	S. Complex Byron Tract Alt 2c	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	16	563	0.29	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	2	263	0.37	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	29	100	0.56	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	29	110	0.36	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	29	230	0.36	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	29	179	0.43	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	29	247	0.29	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	29	275	0.29	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	54	760	0.29	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	29	8	0.56	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Techniwell	Pumps	29	500	0.74	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	3	534	0.38	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	14	3	0.42	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	24	760	0.29	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	4	275	0.29	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	15	3	0.42	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt7-15A	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	13	22	0.74	Diesel
SComplexByronOpt7-15A	Southern Complex	S. Complex Byron Tract Alt 2c	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	13	145	0.36	Diesel
SComplexByronOpt7-15A	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	2	148	0.37	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 15T, 100hp	Cranes	2	100	0.29	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	3	13	0.74	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	37	49	0.48	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	37	100	0.29	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	37	160	0.29	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	37	75	0.31	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	3	275	0.29	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	10	75	0.31	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt7-21	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt7-22	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt7-22	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt7-22	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	126	274	0.41	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 815, Roller	Rollers	4	170	0.38	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	6	130	0.36	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	32	78	0.36	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt7-24	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt7-24	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt7-24	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt7-24	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt7-24	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 12 M	Graders	12	173	0.41	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	47	76	0.43	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	49	384	0.38	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	49	10	0.74	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt7-28	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt7-28	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-28	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt7-28	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt7-28	Southern Complex	S. Complex Byron Tract Alt 2c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	12	274	0.41	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 613 C Self Loading Scraper	Scrapers	2	187	0.48	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	10	286	0.36	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Gradall, 1.50 Cy, 282 Hp	Excavators	10	282	0.38	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	16	10	0.74	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	7	122	0.48	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	5	100	0.56	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	12	110	0.36	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	6	534	0.38	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	5	230	0.36	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	7	808	0.50	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	7	500	0.34	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	6	275	0.29	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	8	158	0.74	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Well Drill	Bore/Drill Rigs	<1	136	0.50	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	8	275	0.29	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Grader 16H	Graders	4	285	0.41	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	19	75	0.48	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 55 Ton Crane	Cranes	20	350	0.29	Diesel
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Grader 16H	Graders	3	285	0.41	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	1	210	0.74	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	<1	13	0.74	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 55 Ton Crane	Cranes	23	350	0.29	Diesel
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Grader 16H	Graders	2	285	0.41	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CB-634D Vibratory 84"	Rollers	<1	145	0.38	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Grader 16H	Graders	<1	285	0.41	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 55 Ton Crane	Cranes	5	350	0.29	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt7-44	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
SComplexByronOpt7-44	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexByronOpt7-44	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 631G Scraper, Conventional	Scrapers	<1	515	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 980 H Wheel Loader	Rubber Tired Loaders	8	393	0.36	Diesel
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CB-634D Vibratory 84"	Rollers	17	145	0.38	Diesel
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	25	328	0.43	Diesel
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Grader 16H	Graders	25	285	0.41	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
SComplexByronOpt7-47	Southern Complex	S. Complex Byron Tract Alt 2c	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	250 CFM Compressor Diesel	Air Compressors	21	75	0.48	Diesel
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	11	300	0.29	Diesel
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Hydraulic 55 Ton Crane	Cranes	15	350	0.29	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Telescope RT Forklift 5500	Forklifts	14	63	0.20	Diesel
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	10	22	0.74	Diesel
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt7-51	Southern Complex	S. Complex Byron Tract Alt 2c	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt7-51	Southern Complex	S. Complex Byron Tract Alt 2c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt7-51	Southern Complex	S. Complex Byron Tract Alt 2c	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt7-51	Southern Complex	S. Complex Byron Tract Alt 2c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt7-52	Southern Complex	S. Complex Byron Tract Alt 2c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt7-52	Southern Complex	S. Complex Byron Tract Alt 2c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	7	74	0.37	Diesel
SComplexByronOpt7-52	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 962 H Wheel Loader	Rubber Tired Loaders	13	230	0.36	Diesel
SComplexByronOpt7-52	Southern Complex	S. Complex Byron Tract Alt 2c	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt7-52	Southern Complex	S. Complex Byron Tract Alt 2c	Portable, 300 Kw, Diesel, 36HP	Welders	13	36	0.74	Diesel
SComplexByronOpt7-53	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
SComplexByronOpt7-53	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
SComplexByronOpt7-53	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
SComplexByronOpt7-53	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
SComplexByronOpt7-54	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
SComplexByronOpt7-54	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
SComplexByronOpt7-54	Southern Complex	S. Complex Byron Tract Alt 2c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
SComplexByronOpt7-54	Southern Complex	S. Complex Byron Tract Alt 2c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D8Rii, Dozer w winch	Crawler Tractors	8	310	0.43	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 631G Scraper, Conventional	Scrapers	8	515	0.48	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	CAT D9R, Dozer w ripper	Crawler Tractors	5	410	0.43	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	5	80	0.44	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	12	63	0.31	Diesel
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 825, Roller	Rollers	2	315	0.38	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	3	274	0.41	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	2	156	0.38	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	4	12	0.74	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	55	274	0.41	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	20	400	0.36	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	20	156	0.38	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	31	76	0.43	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	31	179	0.43	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	31	145	0.36	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	20	13	0.74	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump,3" Gas, Diaphragm	Pumps	31	10	0.74	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	95	122	0.48	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	95	110	0.36	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	95	808	0.50	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	95	500	0.34	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	95	160	0.29	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	95	158	0.74	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	11	49	0.48	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 613 C Self Loading Scraper	Scrapers	1	187	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	29	78	0.36	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	29	140	0.44	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	14	80	0.44	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	6	75	0.31	Diesel
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	8	300	0.48	Diesel
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	16	900	0.29	Diesel
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	16	158	0.74	Diesel
SComplexByronOpt8-8	Southern Complex	S. Complex Byron Tract Alt 4c	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	16	563	0.29	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	2	263	0.37	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	5	160	0.29	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	29	100	0.56	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	29	110	0.36	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	29	230	0.36	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	29	179	0.43	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	29	247	0.29	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	29	275	0.29	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	54	760	0.29	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	29	8	0.56	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Techniwell	Pumps	29	500	0.74	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	4	300	0.48	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	3	534	0.38	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	2	310	0.43	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	14	3	0.42	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	2	345	0.38	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	24	760	0.29	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 10" Diesel	Pumps	3	200	0.74	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 815, Roller	Rollers	<1	170	0.38	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	2	179	0.43	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	6	3	0.42	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	4	275	0.29	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 10" Diesel	Pumps	2	200	0.74	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 815, Roller	Rollers	1	170	0.38	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	15	3	0.42	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	12	760	0.29	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 20 Kw, Diesel, 36HP	Welders	<1	36	0.74	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	5	158	0.74	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Vibro Driver/Extractor V20B	Other Construction Equipment	<1	325	0.42	Diesel
SComplexByronOpt8-15A	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	13	22	0.74	Diesel
SComplexByronOpt8-15A	Southern Complex	S. Complex Byron Tract Alt 4c	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	13	145	0.36	Diesel
SComplexByronOpt8-15A	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	13	760	0.29	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	2	100	0.56	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	2	274	0.41	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	2	148	0.37	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 15T, 100hp	Cranes	2	100	0.29	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	3	13	0.74	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	4	3	0.42	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	37	49	0.48	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	37	100	0.29	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	37	160	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	37	75	0.31	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	3	3	0.42	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	1	158	0.74	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	7	100	0.29	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	5	3	0.42	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	<1	140	0.44	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	7	75	0.31	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	7	49	0.48	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	9	3	0.42	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	3	275	0.29	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	10	75	0.31	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	3	158	0.74	Diesel
SComplexByronOpt8-21	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
SComplexByronOpt8-22	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt8-22	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt8-22	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	126	274	0.41	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 815, Roller	Rollers	4	170	0.38	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	6	130	0.36	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	1	400	0.36	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	32	78	0.36	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	1	160	0.29	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	6	384	0.38	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	1	75	0.31	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt8-24	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt8-24	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt8-24	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt8-24	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
SComplexByronOpt8-24	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 12 M	Graders	12	173	0.41	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	47	76	0.43	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	1	345	0.38	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	49	384	0.38	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	49	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	15	122	0.48	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	15	110	0.36	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	11	274	0.41	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 631G Scraper, Conventional	Scrapers	54	515	0.48	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 825, Roller	Rollers	21	315	0.38	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	22	179	0.43	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D9R, Dozer w ripper	Crawler Tractors	13	410	0.43	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	14	140	0.44	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	15	808	0.50	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	15	500	0.34	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	15	160	0.29	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	92	12	0.74	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	15	158	0.74	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 613 C Self Loading Scraper	Scrapers	11	187	0.48	Diesel
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	13	140	0.44	Diesel
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	10	345	0.38	Diesel
SComplexByronOpt8-28	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 12 M	Graders	<1	173	0.41	Diesel
SComplexByronOpt8-28	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-28	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt8-28	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	3	140	0.44	Diesel
SComplexByronOpt8-28	Southern Complex	S. Complex Byron Tract Alt 4c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	3	80	0.44	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Brush Chipper, 18" Cap., Trailer Mtd. 173hp	Other Construction Equipment	<1	173	0.42	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	12	274	0.41	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 320D, 1.56 cy, 153 hp	Excavators	<1	153	0.38	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 613 C Self Loading Scraper	Scrapers	2	187	0.48	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	10	286	0.36	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	8	156	0.38	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	7	78	0.36	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Gradall, 1.50 Cy, 282 Hp	Excavators	10	282	0.38	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	3	345	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	11	384	0.38	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 20 Kw, Diesel, 36HP	Welders	2	36	0.74	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	16	10	0.74	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	1	100	0.56	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	7	110	0.36	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	1	274	0.41	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 631G Scraper, Conventional	Scrapers	4	515	0.48	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 815, Roller	Rollers	3	170	0.38	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	2	3	0.42	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	6	808	0.50	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	6	500	0.34	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Gradall, 1.50 Cy, 282 Hp	Excavators	1	282	0.38	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	6	160	0.29	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	7	158	0.74	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Vibro Driver/Extractor V20B	Other Construction Equipment	2	325	0.42	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	7	122	0.48	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Bentonite Mix Plant/Desander	Cement and Mortar Mixers	5	100	0.56	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	12	110	0.36	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 14 M	Graders	<1	274	0.41	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	6	534	0.38	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	5	230	0.36	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D6LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	1	310	0.43	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Vibrator, 2"	Other Construction Equipment	7	3	0.42	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	7	808	0.50	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	7	500	0.34	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	7	160	0.29	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	6	275	0.29	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	<1	75	0.31	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	8	158	0.74	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Well Drill	Bore/Drill Rigs	<1	136	0.50	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	7	22	0.74	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	2	145	0.36	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	4	160	0.29	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	8	275	0.29	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	4	75	0.31	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	22	122	0.48	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	22	110	0.36	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	22	808	0.50	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	22	500	0.34	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	22	160	0.29	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	22	158	0.74	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CB-634D Vibratory 84"	Rollers	4	145	0.38	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Grader 16H	Graders	4	285	0.41	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	19	75	0.48	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	5	13	0.74	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	7	400	0.36	Diesel
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	9	300	0.29	Diesel
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 55 Ton Crane	Cranes	20	350	0.29	Diesel
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Grader 16H	Graders	3	285	0.41	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	1	210	0.74	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	<1	13	0.74	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	6	400	0.36	Diesel
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 55 Ton Crane	Cranes	23	350	0.29	Diesel
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Telescope RT Forklift 5500	Forklifts	12	63	0.20	Diesel
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	2	110	0.36	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 980 H Wheel Loader	Rubber Tired Loaders	<1	393	0.36	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CB-634D Vibratory 84"	Rollers	2	145	0.38	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Grader 16H	Graders	2	285	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Deep Soil Mixer, 3 Shaft, 808 HP	Trenchers	2	808	0.50	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	DMM Grout Mix Plant w Delivery Pump & Silos	Other General Industrial Equipment	2	500	0.34	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 30T	Cranes	2	160	0.29	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 90 Kw, Diesel, 158HP	Welders	2	158	0.74	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 825, Roller	Rollers	1	315	0.38	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 980 H Wheel Loader	Rubber Tired Loaders	1	393	0.36	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Grader 16H	Graders	1	285	0.41	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	2	13	0.74	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	3	8	0.56	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Techniwell	Pumps	3	500	0.74	Diesel
SComplexByronOpt8-44	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	11	75	0.48	Diesel
SComplexByronOpt8-44	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
SComplexByronOpt8-44	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	3	900	0.29	Diesel
SComplexByronOpt8-45	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 980 H Wheel Loader	Rubber Tired Loaders	8	393	0.36	Diesel
SComplexByronOpt8-45	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CB-634D Vibratory 84"	Rollers	18	145	0.38	Diesel
SComplexByronOpt8-45	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	26	328	0.43	Diesel
SComplexByronOpt8-45	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Grader 16H	Graders	26	285	0.41	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 950 H Wheel Loader	Rubber Tired Loaders	2	130	0.36	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	CAT CB-634D Vibratory 84"	Rollers	8	145	0.38	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Grader 16H	Graders	8	285	0.41	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Diesel	Pumps	1	13	0.74	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 55 Ton Crane	Cranes	3	350	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	1	8	0.56	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
SComplexByronOpt8-47	Southern Complex	S. Complex Byron Tract Alt 4c	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 988 H Wheel Loader	Rubber Tired Loaders	8	400	0.36	Diesel
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Hydraulic 55 Ton Crane	Cranes	10	350	0.29	Diesel
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Telescope RT Forklift 5500	Forklifts	14	63	0.20	Diesel
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	10	22	0.74	Diesel
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt8-51	Southern Complex	S. Complex Byron Tract Alt 4c	Air Compressor 1600 cfm	Air Compressors	10	540	0.48	Diesel
SComplexByronOpt8-51	Southern Complex	S. Complex Byron Tract Alt 4c	Boom Truck, 12.5 Tn Boom	Cranes	5	100	0.29	Diesel
SComplexByronOpt8-51	Southern Complex	S. Complex Byron Tract Alt 4c	Grove RT Crane 80T, 275hp	Cranes	10	275	0.29	Diesel
SComplexByronOpt8-51	Southern Complex	S. Complex Byron Tract Alt 4c	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	5	75	0.31	Diesel
SComplexByronOpt8-52	Southern Complex	S. Complex Byron Tract Alt 4c	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
SComplexByronOpt8-52	Southern Complex	S. Complex Byron Tract Alt 4c	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	7	74	0.37	Diesel
SComplexByronOpt8-52	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 962 H Wheel Loader	Rubber Tired Loaders	13	230	0.36	Diesel
SComplexByronOpt8-52	Southern Complex	S. Complex Byron Tract Alt 4c	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	3	210	0.74	Diesel
SComplexByronOpt8-52	Southern Complex	S. Complex Byron Tract Alt 4c	Portable, 300 Kw, Diesel, 36HP	Welders	13	36	0.74	Diesel
SComplexByronOpt8-53	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
SComplexByronOpt8-53	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
SComplexByronOpt8-53	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
SComplexByronOpt8-53	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
SComplexByronOpt8-54	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
SComplexByronOpt8-54	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
SComplexByronOpt8-54	Southern Complex	S. Complex Byron Tract Alt 4c	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
SComplexByronOpt8-54	Southern Complex	S. Complex Byron Tract Alt 4c	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 12 M	Graders	1	173	0.41	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 390 MASS EXC	Excavators	1	534	0.38	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D8Rii, Dozer w winch	Crawler Tractors	8	310	0.43	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 631G Scraper, Conventional	Scrapers	8	515	0.48	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	Disk, Towed	Off-Highway Tractors	1	140	0.44	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	CAT D9R, Dozer w ripper	Crawler Tractors	5	410	0.43	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	5	80	0.44	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
BethAqueductOptB2B10-01	Aqueduct	Bethany Aqueduct	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
BethAqueductOptB2B10-01	Aqueduct	Bethany Aqueduct	Hydraulic 15 Ton Crane	Cranes	4	100	0.29	Diesel
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	CAT Forklift 5,500 LB	Aerial Lifts	3	63	0.31	Diesel
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	5	328	0.43	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	8	285	0.41	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	5	285	0.41	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT 320D, 1.56cy, 153 hp	Excavators	8	153	0.38	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT 320D, 1.56cy, 153 hp	Excavators	9	153	0.38	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT 320D, 1.56cy, 153 hp	Excavators	5	153	0.38	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT 320D, 1.56cy, 153 hp	Excavators	5	153	0.38	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	9	92	0.43	Diesel
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	5	92	0.43	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	Concrete Pump Truck	Off-Highway Trucks	1	300	0.38	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	1	285	0.41	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	CAT Grader 12H	Graders	1	173	0.41	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	1	92	0.43	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	CAT Hyd Excavator 3.15 CY	Excavators	1	400	0.38	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	Concrete Pump Truck	Off-Highway Trucks	1	300	0.38	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	1	285	0.41	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	CAT Grader 12H	Graders	1	173	0.41	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	1	92	0.43	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	CAT Hyd Excavator 3.15 CY	Excavators	1	400	0.38	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	27	328	0.43	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	17	328	0.43	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	19	328	0.43	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	CAT 825H Compactor	Rollers	8	315	0.38	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	CAT 825H Compactor	Rollers	10	315	0.38	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	CAT 825H Compactor	Rollers	14	315	0.38	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	621G 44 CY	Scrapers	27	330	0.48	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	621G 44 CY	Scrapers	17	330	0.48	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	621G 44 CY	Scrapers	19	330	0.48	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	631G 33 CY	Scrapers	27	515	0.48	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	631G 33 CY	Scrapers	17	515	0.48	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	631G 33 CY	Scrapers	19	515	0.48	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	Trailer Shotcrete Pump 45 CY	Pumps	3	225	0.74	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	Grader 16H - 16' Blade	Graders	8	285	0.41	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	Grader 16H - 16' Blade	Graders	10	285	0.41	Diesel
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	Grader 16H - 16' Blade	Graders	14	285	0.41	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	Concrete Pump Truck	Off-Highway Trucks	1	300	0.38	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	1	285	0.41	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	CAT Grader 12H	Graders	1	173	0.41	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	1	92	0.43	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	CAT Hyd Excavator 3.15 CY	Excavators	1	400	0.38	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	Portable 90 Kw Diesel Gen	Generator Sets	2	158	0.74	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	Telescope RT Forklift 5500	Forklifts	5	63	0.20	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	Trailer Shotcrete Pump 45 CY	Pumps	1	225	0.74	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	CAT RT1300G LHM	Rubber Tired Loaders	6	165	0.36	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Portable 90 Kw Diesel Gen	Generator Sets	2	158	0.74	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Telescope RT Forklift 5500	Forklifts	<1	63	0.20	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Trailer Shotcrete Pump 45 CY	Pumps	<1	225	0.74	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Trailer Shotcrete Pump 45 CY	Pumps	<1	225	0.74	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Air Track Drill	Bore/Drill Rigs	<1	40	0.50	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	CAT RT1300G LHM	Rubber Tired Loaders	<1	165	0.36	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	CAT RT1300G LHM	Rubber Tired Loaders	1	165	0.36	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	CAT RT1300G LHM	Rubber Tired Loaders	4	165	0.36	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	150 KW Diesel Generator	Generator Sets	6	183	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	150 KW Diesel Generator	Generator Sets	7	183	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	150 KW Diesel Generator	Generator Sets	3	183	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Manitowoc 999-275 Ton Crane	Cranes	4	900	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Manitowoc 999-275 Ton Crane	Cranes	5	900	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Electric Welder 400 AMP	Welders	1	33	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Electric Welder 400 AMP	Welders	<1	33	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Electric Welder 400 AMP	Welders	7	33	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Electric Welder 400 AMP	Welders	3	33	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Grout Mixer	Cement and Mortar Mixers	6	70	0.56	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Grout Pump	Pumps	6	500	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Air Compressor 375 CFM Diesel	Air Compressors	6	122	0.48	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Sand Blaster Portable	Pumps	6	84	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Centrifuge Tube Wall Spraying Machine	Pumps	6	84	0.74	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	CAT Load/HOE 416E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	2	130	0.36	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	<1	285	0.41	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	<1	285	0.41	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	2	285	0.41	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT Grader 16H	Graders	1	285	0.41	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT 825H Compactor	Rollers	<1	315	0.38	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT 825H Compactor	Rollers	<1	315	0.38	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	Grout Mixer	Cement and Mortar Mixers	<1	70	0.56	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	Grout Mixer	Cement and Mortar Mixers	<1	70	0.56	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	Grout Pump	Pumps	<1	500	0.74	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	Grout Pump	Pumps	<1	500	0.74	Diesel
BethAqueductOptB2B10-13	Aqueduct	Bethany Aqueduct	150 KW Diesel Generator	Generator Sets	3	183	0.74	Diesel
BethAqueductOptB2B10-13	Aqueduct	Bethany Aqueduct	150 KW Diesel Generator	Generator Sets	1	183	0.74	Diesel
BethAqueductOptB2B10-13	Aqueduct	Bethany Aqueduct	Hydraulic 15 Ton Crane	Cranes	<1	100	0.29	Diesel
BethAqueductOptB2B10-13	Aqueduct	Bethany Aqueduct	Hydraulic 15 Ton Crane	Cranes	<1	100	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	4	328	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	<1	92	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	1	92	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	1	92	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	<1	92	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	4	92	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	2	92	0.43	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT Hyd Excavator 3.15 CY	Excavators	<1	400	0.38	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT Hyd Excavator 3.15 CY	Excavators	<1	400	0.38	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT Hyd Excavator 3.15 CY	Excavators	4	400	0.38	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT Hyd Excavator 3.15 CY	Excavators	2	400	0.38	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT CS-74, Roller, 17tn, 156HP	Rollers	1	156	0.38	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT CS-74, Roller, 17tn, 156HP	Rollers	1	156	0.38	Diesel
BethAqueductOptB2B10-15	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
BethAqueductOptB2B10-15	Aqueduct	Bethany Aqueduct	Grout Mixer	Cement and Mortar Mixers	5	70	0.56	Diesel
BethAqueductOptB2B10-15	Aqueduct	Bethany Aqueduct	Grout Pump	Pumps	5	500	0.74	Diesel
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	Grout Mixer	Cement and Mortar Mixers	3	70	0.56	Diesel
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	Grout Mixer	Cement and Mortar Mixers	2	70	0.56	Diesel
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	Grout Pump	Pumps	3	500	0.74	Diesel
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	Grout Pump	Pumps	2	500	0.74	Diesel
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	<1	92	0.43	Diesel
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	CAT D4 Dozer	Crawler Tractors	<1	92	0.43	Diesel
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	CAT CS-74, Roller, 17tn, 156HP	Rollers	<1	156	0.38	Diesel
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	CAT CS-74, Roller, 17tn, 156HP	Rollers	<1	156	0.38	Diesel
BethAqueductOptB2B10-18	Aqueduct	Bethany Aqueduct	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
BethAqueductOptB2B10-18	Aqueduct	Bethany Aqueduct	Hydraulic 15 Ton Crane	Cranes	<1	100	0.29	Diesel
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	Air Compressor 185 cfm	Air Compressors	3	49	0.48	Diesel
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	Air Compressor 185 cfm	Air Compressors	5	49	0.48	Diesel
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	Grove RT Crane 80T, 275hp	Cranes	3	275	0.29	Diesel
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	Grove RT Crane 80T, 275hp	Cranes	5	275	0.29	Diesel
Beth_BatchPlantOptB2-02	Batch Plants	Bethany Batch Plant	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
Beth_BatchPlantOptB2-02	Batch Plants	Bethany Batch Plant	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	16	74	0.37	Diesel
Beth_BatchPlantOptB2-02	Batch Plants	Bethany Batch Plant	CAT 962 H Wheel Loader	Rubber Tired Loaders	40	230	0.36	Diesel
Beth_BatchPlantOptB2-02	Batch Plants	Bethany Batch Plant	Portable, 300 Kw, Diesel 480hp	Welders	27	480	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Beth_BatchPlantOptB2-02	Batch Plants	Bethany Batch Plant	Batch Plant, 200cy/Hr, Ross Bandit	Cement and Mortar Mixers	13	50	0.56	Diesel
Beth_BatchPlantOptB2-02	Batch Plants	Bethany Batch Plant	Stand-By Batch Pl-Ross Bandit 200cy/Hr+GEN	Cement and Mortar Mixers	13	50	0.56	Diesel
Beth_BatchPlantOptB2-03	Batch Plants	Bethany Batch Plant	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
Beth_BatchPlantOptB2-03	Batch Plants	Bethany Batch Plant	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	6	74	0.37	Diesel
Beth_BatchPlantOptB2-03	Batch Plants	Bethany Batch Plant	CAT 962 H Wheel Loader	Rubber Tired Loaders	11	230	0.36	Diesel
Beth_BatchPlantOptB2-03	Batch Plants	Bethany Batch Plant	Portable, 300 Kw, Diesel 480hp	Welders	11	480	0.74	Diesel
Beth_BatchPlantOptB2-03	Batch Plants	Bethany Batch Plant	Batch Plant, 200cy/Hr, Ross Bandit	Cement and Mortar Mixers	11	50	0.56	Diesel
Beth_BatchPlantOptB2-03	Batch Plants	Bethany Batch Plant	Stand-By Batch Pl-Ross Bandit 200cy/Hr+GEN	Cement and Mortar Mixers	6	50	0.56	Diesel
Beth_BatchPlantOptB2-04	Batch Plants	Bethany Batch Plant	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
Beth_BatchPlantOptB2-04	Batch Plants	Bethany Batch Plant	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
Beth_BatchPlantOptB2-04	Batch Plants	Bethany Batch Plant	CAT 962 H Wheel Loader	Rubber Tired Loaders	5	230	0.36	Diesel
Beth_BatchPlantOptB2-04	Batch Plants	Bethany Batch Plant	Portable, 300 Kw, Diesel 480hp	Welders	3	480	0.74	Diesel
Beth_BatchPlantOptB2-04	Batch Plants	Bethany Batch Plant	Batch Plant, 200cy/Hr, Ross Bandit	Cement and Mortar Mixers	2	50	0.56	Diesel
Beth_BatchPlantOptB2-04	Batch Plants	Bethany Batch Plant	Stand-By Batch Pl-Ross Bandit 200cy/Hr+GEN	Cement and Mortar Mixers	2	50	0.56	Diesel
Beth_BatchPlantOptB2-05	Batch Plants	Bethany Batch Plant	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
Beth_BatchPlantOptB2-05	Batch Plants	Bethany Batch Plant	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	6	74	0.37	Diesel
Beth_BatchPlantOptB2-05	Batch Plants	Bethany Batch Plant	CAT 962 H Wheel Loader	Rubber Tired Loaders	14	230	0.36	Diesel
Beth_BatchPlantOptB2-05	Batch Plants	Bethany Batch Plant	Portable, 300 Kw, Diesel 480hp	Welders	10	480	0.74	Diesel
Beth_BatchPlantOptB2-05	Batch Plants	Bethany Batch Plant	Batch Plant, 200cy/Hr, Ross Bandit	Cement and Mortar Mixers	5	50	0.56	Diesel
Beth_BatchPlantOptB2-05	Batch Plants	Bethany Batch Plant	Stand-By Batch Pl-Ross Bandit 200cy/Hr+GEN	Cement and Mortar Mixers	5	50	0.56	Diesel
Beth_BatchPlantOptB2-06	Batch Plants	Bethany Batch Plant	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
Beth_BatchPlantOptB2-06	Batch Plants	Bethany Batch Plant	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
Beth_BatchPlantOptB2-06	Batch Plants	Bethany Batch Plant	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
Beth_BatchPlantOptB2-06	Batch Plants	Bethany Batch Plant	Portable, 300 Kw, Diesel 480hp	Welders	5	480	0.74	Diesel
Beth_BatchPlantOptB2-06	Batch Plants	Bethany Batch Plant	Batch Plant, 200cy/Hr, Ross Bandit	Cement and Mortar Mixers	3	50	0.56	Diesel
Beth_BatchPlantOptB2-06	Batch Plants	Bethany Batch Plant	Stand-By Batch Pl-Ross Bandit 200cy/Hr+GEN	Cement and Mortar Mixers	3	50	0.56	Diesel
Beth_BatchPlantOptB2-07	Batch Plants	Bethany Batch Plant	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
Beth_BatchPlantOptB2-07	Batch Plants	Bethany Batch Plant	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	5	74	0.37	Diesel
Beth_BatchPlantOptB2-07	Batch Plants	Bethany Batch Plant	CAT 962 H Wheel Loader	Rubber Tired Loaders	9	230	0.36	Diesel
Beth_BatchPlantOptB2-07	Batch Plants	Bethany Batch Plant	Portable, 300 Kw, Diesel 480hp	Welders	9	480	0.74	Diesel
Beth_BatchPlantOptB2-07	Batch Plants	Bethany Batch Plant	Batch Plant, 200cy/Hr, Ross Bandit	Cement and Mortar Mixers	9	50	0.56	Diesel
Beth_BatchPlantOptB2-07	Batch Plants	Bethany Batch Plant	Stand-By Batch Pl-Ross Bandit 200cy/Hr+GEN	Cement and Mortar Mixers	5	50	0.56	Diesel
Beth_BatchPlantOptB2-08	Batch Plants	Bethany Batch Plant	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
Beth_BatchPlantOptB2-08	Batch Plants	Bethany Batch Plant	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	8	74	0.37	Diesel
Beth_BatchPlantOptB2-08	Batch Plants	Bethany Batch Plant	CAT 962 H Wheel Loader	Rubber Tired Loaders	19	230	0.36	Diesel
Beth_BatchPlantOptB2-08	Batch Plants	Bethany Batch Plant	Portable, 300 Kw, Diesel 480hp	Welders	13	480	0.74	Diesel
Beth_BatchPlantOptB2-08	Batch Plants	Bethany Batch Plant	Batch Plant, 200cy/Hr, Ross Bandit	Cement and Mortar Mixers	6	50	0.56	Diesel
Beth_BatchPlantOptB2-08	Batch Plants	Bethany Batch Plant	Stand-By Batch Pl-Ross Bandit 200cy/Hr+GEN	Cement and Mortar Mixers	6	50	0.56	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	4	384	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 14 M	Graders	4	274	0.41	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 825, Roller	Rollers	9	315	0.38	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 825, Roller	Rollers	1	315	0.38	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	35	12	0.74	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplex_N_Access_B-03	Roads	Bethany Complex N Access	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT 14 M	Graders	1	274	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Manitowoc 555 150T, 250' Boom	Cranes	10	760	0.29	Diesel
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-08	Roads	Bethany Complex N Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_N_Access_B-08	Roads	Bethany Complex N Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_N_Access_B-08	Roads	Bethany Complex N Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_N_Access_B-08	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-08	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-08	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_N_Access_B-09	Roads	Bethany Complex N Access	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplex_N_Access_B-09	Roads	Bethany Complex N Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_N_Access_B-10	Roads	Bethany Complex N Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
BethComplex_N_Access_B-10	Roads	Bethany Complex N Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
BethComplex_N_Access_B-10	Roads	Bethany Complex N Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
BethComplex_N_Access_B-10	Roads	Bethany Complex N Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	CAT D6 LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	CAT D6 LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Fork Lift, 8000LB, RT, 4x4	Forklifts	4	142	0.20	Diesel
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Fork Lift, 8000LB, RT, 4x4	Forklifts	27	142	0.20	Diesel
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Grove RT Crane 30T, 160HP	Cranes	2	160	0.29	Diesel
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Grove RT Crane 30T, 160HP	Cranes	11	160	0.29	Diesel
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	CAT 14 M	Graders	5	274	0.41	Diesel
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	CAT 825, Roller	Rollers	9	315	0.38	Diesel
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	CAT D6 LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	38	12	0.74	Diesel
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplex_S_Access_B-05	Roads	Bethany Complex S Access	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BethComplex_S_Access_B-05	Roads	Bethany Complex S Access	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplex_S_Access_B-05	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-05	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
BethComplex_S_Access_B-05	Roads	Bethany Complex S Access	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BethComplex_S_Access_B-05	Roads	Bethany Complex S Access	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplex_S_Access_B-06	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
BethComplex_S_Access_B-06	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-06	Roads	Bethany Complex S Access	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplex_S_Access_B-06	Roads	Bethany Complex S Access	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	CAT 14 M	Graders	3	274	0.41	Diesel
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	4	224	0.42	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	4	133	0.38	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	4	137	0.38	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-10	Roads	Bethany Complex S Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_S_Access_B-10	Roads	Bethany Complex S Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_S_Access_B-10	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-10	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-11	Roads	Bethany Complex S Access	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplex_S_Access_B-11	Roads	Bethany Complex S Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	2	224	0.42	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	2	133	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	2	137	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	1	224	0.42	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	1	133	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	1	137	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Franklin_Access_B-01	Roads	Bethany Franklin Access	CAT D6 LGPDozer w winch	Crawler Tractors	17	179	0.43	Diesel
Franklin_Access_B-01	Roads	Bethany Franklin Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	8	384	0.38	Diesel
Franklin_Access_B-02	Roads	Bethany Franklin Access	CAT 14 M	Graders	2	274	0.41	Diesel
Franklin_Access_B-02	Roads	Bethany Franklin Access	CAT D6 LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
Franklin_Access_B-02	Roads	Bethany Franklin Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	18	12	0.74	Diesel
Franklin_Access_B-02	Roads	Bethany Franklin Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
Franklin_Access_B-02	Roads	Bethany Franklin Access	CAT 815, Roller	Rollers	5	170	0.38	Diesel
Franklin_Access_B-03	Roads	Bethany Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
Franklin_Access_B-03	Roads	Bethany Franklin Access	Air Compressor 375 cfm	Air Compressors	5	122	0.48	Diesel
Franklin_Access_B-03	Roads	Bethany Franklin Access	Compactor, Plate, 22"w x 35"	Plate Compactors	5	9	0.43	Diesel
Franklin_Access_B-04	Roads	Bethany Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
Franklin_Access_B-04	Roads	Bethany Franklin Access	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
Franklin_Access_B-05	Roads	Bethany Franklin Access	CAT 14 M	Graders	3	274	0.41	Diesel
Franklin_Access_B-05	Roads	Bethany Franklin Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	3	156	0.38	Diesel
Franklin_Access_B-05	Roads	Bethany Franklin Access	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
Franklin_Access_B-06	Roads	Bethany Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
Franklin_Access_B-06	Roads	Bethany Franklin Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
Franklin_Access_B-06	Roads	Bethany Franklin Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
Franklin_Access_B-06	Roads	Bethany Franklin Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
Franklin_Access_B-07	Roads	Bethany Franklin Access	Boom Truck, 12.5 Tn Boom	Cranes	10	100	0.29	Diesel
Franklin_Access_B-07	Roads	Bethany Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
Franklin_Access_B-08	Roads	Bethany Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Franklin_Access_B-08	Roads	Bethany Franklin Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
Franklin_Access_B-08	Roads	Bethany Franklin Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
Franklin_Access_B-08	Roads	Bethany Franklin Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
Franklin_Access_B-09	Roads	Bethany Franklin Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
Franklin_Access_B-09	Roads	Bethany Franklin Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	3	224	0.42	Diesel
Franklin_Access_B-09	Roads	Bethany Franklin Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	3	133	0.38	Diesel
Franklin_Access_B-09	Roads	Bethany Franklin Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	3	137	0.38	Diesel
Kelso_Access_B-01	Roads	Bethany Kelso Access	CAT D6 LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
Kelso_Access_B-01	Roads	Bethany Kelso Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
Kelso_Access_B-02	Roads	Bethany Kelso Access	CAT 14 M	Graders	4	274	0.41	Diesel
Kelso_Access_B-02	Roads	Bethany Kelso Access	CAT D6 LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
Kelso_Access_B-02	Roads	Bethany Kelso Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	33	12	0.74	Diesel
Kelso_Access_B-02	Roads	Bethany Kelso Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
Kelso_Access_B-02	Roads	Bethany Kelso Access	CAT 825, Roller	Rollers	8	315	0.38	Diesel
Kelso_Access_B-03	Roads	Bethany Kelso Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	16	78	0.36	Diesel
Kelso_Access_B-03	Roads	Bethany Kelso Access	Air Compressor 375 cfm	Air Compressors	8	122	0.48	Diesel
Kelso_Access_B-03	Roads	Bethany Kelso Access	Compactor, Plate, 22"w x 35"	Plate Compactors	8	9	0.43	Diesel
Kelso_Access_B-04	Roads	Bethany Kelso Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
Kelso_Access_B-04	Roads	Bethany Kelso Access	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
Kelso_Access_B-05	Roads	Bethany Kelso Access	CAT 14 M	Graders	9	274	0.41	Diesel
Kelso_Access_B-05	Roads	Bethany Kelso Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	9	156	0.38	Diesel
Kelso_Access_B-05	Roads	Bethany Kelso Access	Water Pump, 4" Diesel	Pumps	9	10	0.74	Diesel
Kelso_Access_B-06	Roads	Bethany Kelso Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
Kelso_Access_B-06	Roads	Bethany Kelso Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
Kelso_Access_B-06	Roads	Bethany Kelso Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
Kelso_Access_B-06	Roads	Bethany Kelso Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
Kelso_Access_B-07	Roads	Bethany Kelso Access	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
Kelso_Access_B-07	Roads	Bethany Kelso Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
LowerRobert_Access_B-01	Roads	Bethany Lower Roberts Access	CAT D6 LGPDozer w winch	Crawler Tractors	19	179	0.43	Diesel
LowerRobert_Access_B-01	Roads	Bethany Lower Roberts Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	CAT 14 M	Graders	5	274	0.41	Diesel
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	CAT 815, Roller	Rollers	9	170	0.38	Diesel
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	CAT D6 LGPDozer w winch	Crawler Tractors	9	179	0.43	Diesel
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	38	12	0.74	Diesel
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
LowerRobert_Access_B-04	Roads	Bethany Lower Roberts Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	16	78	0.36	Diesel
LowerRobert_Access_B-04	Roads	Bethany Lower Roberts Access	Air Compressor 375 cfm	Air Compressors	8	122	0.48	Diesel
LowerRobert_Access_B-04	Roads	Bethany Lower Roberts Access	Compactor, Plate, 22"w x 35"	Plate Compactors	8	9	0.43	Diesel
LowerRobert_Access_B-05	Roads	Bethany Lower Roberts Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
LowerRobert_Access_B-05	Roads	Bethany Lower Roberts Access	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
LowerRobert_Access_B-06	Roads	Bethany Lower Roberts Access	CAT 14 M	Graders	13	274	0.41	Diesel
LowerRobert_Access_B-06	Roads	Bethany Lower Roberts Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	13	156	0.38	Diesel
LowerRobert_Access_B-06	Roads	Bethany Lower Roberts Access	Water Pump, 4" Diesel	Pumps	13	10	0.74	Diesel
LowerRobert_Access_B-07	Roads	Bethany Lower Roberts Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
LowerRobert_Access_B-07	Roads	Bethany Lower Roberts Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
LowerRobert_Access_B-07	Roads	Bethany Lower Roberts Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
LowerRobert_Access_B-07	Roads	Bethany Lower Roberts Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
LowerRobert_Access_B-08	Roads	Bethany Lower Roberts Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
LowerRobert_Access_B-08	Roads	Bethany Lower Roberts Access	Boom Truck, 12.5 Tn Boom	Cranes	6	100	0.29	Diesel
LowerRobert_Access_B-09	Roads	Bethany Lower Roberts Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	6	224	0.42	Diesel
LowerRobert_Access_B-09	Roads	Bethany Lower Roberts Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	6	133	0.38	Diesel
LowerRobert_Access_B-09	Roads	Bethany Lower Roberts Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	6	137	0.38	Diesel
LowerRobert_Access_B-09	Roads	Bethany Lower Roberts Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	6	78	0.36	Diesel
LowerRobert_Access_B-10	Roads	Bethany Lower Roberts Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	13	224	0.42	Diesel
LowerRobert_Access_B-10	Roads	Bethany Lower Roberts Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	13	133	0.38	Diesel
LowerRobert_Access_B-10	Roads	Bethany Lower Roberts Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	13	137	0.38	Diesel
LowerRobert_Access_B-10	Roads	Bethany Lower Roberts Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	13	78	0.36	Diesel
LowerRobert_Levee_B-01	Levees	Bethany Lower Roberts Levee	621G 44 CY	Scrapers	2	330	0.48	Diesel
LowerRobert_Levee_B-01	Levees	Bethany Lower Roberts Levee	631G 33 CY	Scrapers	2	515	0.48	Diesel
LowerRobert_Levee_B-01	Levees	Bethany Lower Roberts Levee	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
LowerRobert_Levee_B-01	Levees	Bethany Lower Roberts Levee	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
LowerRobert_Levee_B-01	Levees	Bethany Lower Roberts Levee	CAT Grader 16H	Graders	1	285	0.41	Diesel
LowerRobert_RailAccess_B-02	Rail	Bethany Lower Roberts Rail Access	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
LowerRobert_RailAccess_B-02	Rail	Bethany Lower Roberts Rail Access	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
LowerRobert_RailAccess_B-02	Rail	Bethany Lower Roberts Rail Access	Fork Lift, 8000LB, RT, 4x4	Forklifts	11	142	0.20	Diesel
LowerRobert_RailAccess_B-02	Rail	Bethany Lower Roberts Rail Access	Grove RT Crane 30T, 160HP	Cranes	4	160	0.29	Diesel
LowerRobert_RailAccess_B-03	Rail	Bethany Lower Roberts Rail Access	CAT D6 LGPDozer w winch	Crawler Tractors	38	179	0.43	Diesel
LowerRobert_RailAccess_B-03	Rail	Bethany Lower Roberts Rail Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	19	384	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	CAT 14 M	Graders	5	274	0.41	Diesel
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	CAT 825, Roller	Rollers	10	315	0.38	Diesel
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	CAT D6 LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	40	12	0.74	Diesel
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
LowerRobert_RailAccess_B-05	Rail	Bethany Lower Roberts Rail Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
LowerRobert_RailAccess_B-05	Rail	Bethany Lower Roberts Rail Access	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
LowerRobert_RailAccess_B-06	Rail	Bethany Lower Roberts Rail Access	CAT 14 M	Graders	10	274	0.41	Diesel
LowerRobert_RailAccess_B-06	Rail	Bethany Lower Roberts Rail Access	CAT 962 H Wheel Loader	Rubber Tired Loaders	10	230	0.36	Diesel
LowerRobert_RailAccess_B-06	Rail	Bethany Lower Roberts Rail Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
LowerRobert_RailAccess_B-06	Rail	Bethany Lower Roberts Rail Access	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
LowerRobert_RailAccess_B-07	Rail	Bethany Lower Roberts Rail Access	CAT 14 M	Graders	10	274	0.41	Diesel
LowerRobert_RailAccess_B-07	Rail	Bethany Lower Roberts Rail Access	CAT 962 H Wheel Loader	Rubber Tired Loaders	10	230	0.36	Diesel
LowerRobert_RailAccess_B-07	Rail	Bethany Lower Roberts Rail Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	10	156	0.38	Diesel
LowerRobert_RailAccess_B-07	Rail	Bethany Lower Roberts Rail Access	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
LowerRobert_RailAccess_B-08	Rail	Bethany Lower Roberts Rail Access	CAT D6 LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
LowerRobert_RailAccess_B-08	Rail	Bethany Lower Roberts Rail Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	20	78	0.36	Diesel
LowerRobert_RailAccess_B-08	Rail	Bethany Lower Roberts Rail Access	Grove RT Crane 55T, 247 hp	Cranes	20	247	0.29	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	1	300	0.38	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Grader 16H - 16' Blade	Graders	2	285	0.41	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Air Compressor 375 CFM Diesel	Air Compressors	7	122	0.48	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Case 590 SupN Loader BH	Rubber Tired Loaders	7	110	0.36	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT 825H Compactor	Rollers	<1	315	0.38	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	<1	393	0.36	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	<1	145	0.38	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT Grader 16H	Graders	<1	285	0.41	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	DMM Deep Soil Mixer	Trenchers	7	808	0.50	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	DMM Grout Mix Plant	Other General Industrial Equipment	7	500	0.34	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Grove RT Crane 30 Ton	Cranes	7	160	0.29	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Portable 90 Kw Diesel Gen	Generator Sets	7	158	0.74	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	<1	328	0.43	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	37	328	0.43	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	1	300	0.38	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT 825H Compactor	Rollers	<1	315	0.38	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	<1	393	0.36	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	<1	145	0.38	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	37	145	0.38	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT Grader 16H	Graders	<1	285	0.41	Diesel
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	CAT Grader 16H	Graders	37	285	0.41	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	2	300	0.38	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	<1	300	0.38	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 999-275 Ton Crane	Cranes	<1	900	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 15 Ton Crane	Cranes	<1	100	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Dewater Pump 6"	Pumps	1	50	0.74	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	1	350	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Hydromill	Trenchers	1	876	0.50	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 200 Ton Crane	Cranes	1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Slurry Wall Mixer	Cement and Mortar Mixers	1	8	0.56	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Slurry Wall Techniwell	Pumps	1	500	0.74	Diesel
LowerRobertOptB2_Shaft_B-06	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-06	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-06	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	2	300	0.38	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Air Compressor 375 CFM Diesel	Air Compressors	16	122	0.48	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Case 590 SupN Loader BH	Rubber Tired Loaders	16	110	0.36	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	CAT 825H Compactor	Rollers	1	315	0.38	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	1	393	0.36	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	1	145	0.38	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	CAT Grader 16H	Graders	1	285	0.41	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	DMM Deep Soil Mixer	Trenchers	16	808	0.50	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	DMM Grout Mix Plant	Other General Industrial Equipment	16	500	0.34	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Grove RT Crane 30 Ton	Cranes	16	160	0.29	Diesel
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Portable 90 Kw Diesel Gen	Generator Sets	16	158	0.74	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	4	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	5	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	5	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	ST-2G LHD 2.5 CY	Rubber Tired Loaders	4	109	0.36	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	1	540	0.48	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	ST-2G LHD 2.5 CY	Rubber Tired Loaders	2	109	0.36	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	1	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	20	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Grout Pump	Pumps	1	500	0.74	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	8	393	0.36	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	17	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	23	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	8	393	0.36	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Grout Pump	Pumps	1	500	0.74	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	1	63	0.31	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	3	138	0.38	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	7	350	0.29	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	3	170	0.36	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	3	393	0.36	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	2	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	7	63	0.20	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT 12 M	Graders	<1	173	0.41	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT 14 M	Graders	<1	274	0.41	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT 390 MASS EXC	Excavators	2	534	0.38	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT D8Rii, Dozer w winch	Crawler Tractors	6	310	0.43	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT D9R, Dozer w ripper	Crawler Tractors	<1	410	0.43	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	<1	80	0.44	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	7	345	0.38	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT 631G Scraper, Conventional	Scrapers	6	515	0.48	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	<1	285	0.44	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	<1	285	0.44	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	1	285	0.44	Diesel
BethReservoir_Access_B-01	Roads	Bethany Reservoir Access	CAT D6 LGPDozer w winch	Crawler Tractors	20	179	0.43	Diesel
BethReservoir_Access_B-01	Roads	Bethany Reservoir Access	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	10	384	0.38	Diesel
BethReservoir_Access_B-02	Roads	Bethany Reservoir Access	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethReservoir_Access_B-02	Roads	Bethany Reservoir Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
BethReservoir_Access_B-02	Roads	Bethany Reservoir Access	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	CAT 14 M	Graders	5	274	0.41	Diesel
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	CAT 825, Roller	Rollers	10	315	0.38	Diesel
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	CAT D6 LGPDozer w winch	Crawler Tractors	10	179	0.43	Diesel
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	40	12	0.74	Diesel
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethReservoir_Access_B-04	Roads	Bethany Reservoir Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	2	78	0.36	Diesel
BethReservoir_Access_B-04	Roads	Bethany Reservoir Access	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
BethReservoir_Access_B-05	Roads	Bethany Reservoir Access	CAT 14 M	Graders	9	274	0.41	Diesel
BethReservoir_Access_B-05	Roads	Bethany Reservoir Access	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	9	156	0.38	Diesel
BethReservoir_Access_B-05	Roads	Bethany Reservoir Access	Water Pump, 4" Diesel	Pumps	9	10	0.74	Diesel
BethReservoir_Access_B-06	Roads	Bethany Reservoir Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
BethReservoir_Access_B-06	Roads	Bethany Reservoir Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
BethReservoir_Access_B-06	Roads	Bethany Reservoir Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
BethReservoir_Access_B-06	Roads	Bethany Reservoir Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
BethReservoir_Access_B-07	Roads	Bethany Reservoir Access	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
BethReservoir_Access_B-07	Roads	Bethany Reservoir Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
BethReservoir_Access_B-08	Roads	Bethany Reservoir Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
BethReservoir_Access_B-08	Roads	Bethany Reservoir Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
BethReservoir_Access_B-08	Roads	Bethany Reservoir Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
BethReservoir_Access_B-08	Roads	Bethany Reservoir Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
BethReservoir_Access_B-09	Roads	Bethany Reservoir Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
BethReservoir_Access_B-09	Roads	Bethany Reservoir Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
BethReservoir_Access_B-09	Roads	Bethany Reservoir Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
BethReservoir_Access_B-09	Roads	Bethany Reservoir Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethReservoirOptB2B10-01	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
BethReservoirOptB2B10-01	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
BethReservoirOptB2B10-01	Bethany Reservoir	Bethany Reservoir	Telescope RT Forklift 5500	Forklifts	10	63	0.20	Diesel
BethReservoirOptB2B10-01	Bethany Reservoir	Bethany Reservoir	CAT 906 Loader 1 CY	Rubber Tired Loaders	10	75	0.36	Diesel
BethReservoirOptB2B10-02	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	<1	300	0.38	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	4	75	0.48	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Portable 90 Kw Diesel Gen	Generator Sets	1	158	0.74	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Portable 90 Kw Diesel Gen	Generator Sets	4	158	0.74	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Portable 90 Kw Diesel Gen	Generator Sets	10	158	0.74	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Electric Welder 400 AMP	Welders	20	33	0.74	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Telescope RT Forklift 5500	Forklifts	1	63	0.20	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Telescope RT Forklift 5500	Forklifts	4	63	0.20	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Hydraulic Crane 9 Ton	Cranes	10	85	0.29	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Manitowoc 777 200 Ton Crane	Cranes	4	760	0.29	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Manitowoc 777 200 Ton Crane	Cranes	10	760	0.29	Diesel
BethReservoirOptB2B10-04	Bethany Reservoir	Bethany Reservoir	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
BethReservoirOptB2B10-04	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
BethReservoirOptB2B10-04	Bethany Reservoir	Bethany Reservoir	Dewater Pump 6"	Pumps	80	50	0.74	Diesel
BethReservoirOptB2B10-05	Bethany Reservoir	Bethany Reservoir	CAT 825H Compactor	Rollers	10	315	0.38	Diesel
BethReservoirOptB2B10-05	Bethany Reservoir	Bethany Reservoir	621G 44 CY	Scrapers	20	330	0.48	Diesel
BethReservoirOptB2B10-05	Bethany Reservoir	Bethany Reservoir	631G 33 CY	Scrapers	20	515	0.48	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	Trailer Shotcrete Pump 45 CY	Pumps	1	225	0.74	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	AC 4" Hydraulic Track Drill	Bore/Drill Rigs	<1	37	0.50	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	CAT Hyd Excavator 2 CY	Excavators	1	300	0.38	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
BethReservoirOptB2B10-07	Bethany Reservoir	Bethany Reservoir	150 KW Diesel Generator	Generator Sets	23	183	0.74	Diesel
BethReservoirOptB2B10-07	Bethany Reservoir	Bethany Reservoir	Electric Welder 400 AMP	Welders	23	33	0.74	Diesel
BethReservoirOptB2B10-08	Bethany Reservoir	Bethany Reservoir	Manitowoc 999-275 Ton Crane	Cranes	12	900	0.29	Diesel
BethReservoirOptB2B10-09	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	27	75	0.48	Diesel
BethReservoirOptB2B10-09	Bethany Reservoir	Bethany Reservoir	Grout Mixer	Cement and Mortar Mixers	27	70	0.56	Diesel
BethReservoirOptB2B10-09	Bethany Reservoir	Bethany Reservoir	Grout Pump	Pumps	27	500	0.74	Diesel
BethReservoirOptB2B10-10	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	9	75	0.48	Diesel
BethReservoirOptB2B10-10	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	9	85	0.29	Diesel
BethReservoirOptB2B10-10	Bethany Reservoir	Bethany Reservoir	Telescope RT Forklift 5500	Forklifts	9	63	0.20	Diesel
BethReservoirOptB2B10-10	Bethany Reservoir	Bethany Reservoir	CAT 906 Loader 1 CY	Rubber Tired Loaders	9	75	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	<1	300	0.38	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	6	300	0.38	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	3	300	0.38	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	1	300	0.38	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	<1	300	0.38	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	<1	300	0.38	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	CAT Grader 12H	Graders	1	173	0.41	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	CAT 906 Loader 1 CY	Rubber Tired Loaders	1	75	0.36	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	CAT D7 Dozer	Crawler Tractors	1	265	0.43	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	250 CFM Compressor Diesel	Air Compressors	4	75	0.48	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	CAT D8 Dozer	Crawler Tractors	3	328	0.43	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	CAT Grader 16H	Graders	3	285	0.41	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	Telescope RT Forklift 5500	Forklifts	4	63	0.20	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	CAT CB-634D Vibratory 84"	Rollers	3	145	0.38	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	Manitowoc 555 - 150 Ton	Cranes	4	340	0.29	Diesel
BethReservoirOptB2B10-13	Bethany Reservoir	Bethany Reservoir	CAT D8 Dozer	Crawler Tractors	10	328	0.43	Diesel
BethReservoirOptB2B10-13	Bethany Reservoir	Bethany Reservoir	CAT Grader 16H	Graders	10	285	0.41	Diesel
BethReservoirOptB2B10-13	Bethany Reservoir	Bethany Reservoir	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
BethReservoirOptB2B10-14	Bethany Reservoir	Bethany Reservoir	Concrete Pump Truck	Off-Highway Trucks	19	300	0.38	Diesel
BethReservoirOptB2B10-14	Bethany Reservoir	Bethany Reservoir	Hydraulic 9 Ton Crane	Cranes	19	85	0.29	Diesel
Union_Access_B-01	Roads	Bethany Union Island Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	10	224	0.42	Diesel
Union_Access_B-01	Roads	Bethany Union Island Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	10	133	0.38	Diesel
Union_Access_B-01	Roads	Bethany Union Island Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	10	137	0.38	Diesel
Union_Access_B-01	Roads	Bethany Union Island Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	10	78	0.36	Diesel
Union_Access_B-02	Roads	Bethany Union Island Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
Union_Access_B-02	Roads	Bethany Union Island Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
Union_Access_B-02	Roads	Bethany Union Island Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
Union_Access_B-02	Roads	Bethany Union Island Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
Union_Access_B-03	Roads	Bethany Union Island Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	8	224	0.42	Diesel
Union_Access_B-03	Roads	Bethany Union Island Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	8	133	0.38	Diesel
Union_Access_B-03	Roads	Bethany Union Island Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	8	137	0.38	Diesel
Union_Access_B-03	Roads	Bethany Union Island Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
UnionOptB2_Shaft_B-01	Shafts	Union Island Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
UnionOptB2_Shaft_B-01	Shafts	Union Island Shaft Alt 5	Grader 16H - 16' Blade	Graders	2	285	0.41	Diesel
UnionOptB2_Shaft_B-01	Shafts	Union Island Shaft Alt 5	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	Air Compressor 375 CFM Diesel	Air Compressors	12	122	0.48	Diesel
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	Case 590 SupN Loader BH	Rubber Tired Loaders	12	110	0.36	Diesel
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	DMM Deep Soil Mixer	Trenchers	12	808	0.50	Diesel
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	DMM Grout Mix Plant	Other General Industrial Equipment	12	500	0.34	Diesel
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	Grove RT Crane 30 Ton	Cranes	12	160	0.29	Diesel
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	Portable 90 Kw Diesel Gen	Generator Sets	12	158	0.74	Diesel
UnionOptB2_Shaft_B-04	Shafts	Union Island Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	9	328	0.43	Diesel
UnionOptB2_Shaft_B-04	Shafts	Union Island Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	9	145	0.38	Diesel
UnionOptB2_Shaft_B-04	Shafts	Union Island Shaft Alt 5	CAT Grader 16H	Graders	9	285	0.41	Diesel
UnionOptB2_Shaft_B-05	Shafts	Union Island Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
UnionOptB2_Shaft_B-05	Shafts	Union Island Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	8	130	0.36	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	15	300	0.38	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	8	350	0.29	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Hydromill	Trenchers	8	876	0.50	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Manitowoc 200 Ton Crane	Cranes	8	760	0.29	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Slurry Wall Mixer	Cement and Mortar Mixers	8	8	0.56	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	Slurry Wall Techniwell	Pumps	8	500	0.74	Diesel
UnionOptB2_Shaft_B-08	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
UnionOptB2_Shaft_B-08	Shafts	Union Island Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	8	130	0.36	Diesel
UnionOptB2_Shaft_B-08	Shafts	Union Island Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	8	138	0.38	Diesel
UnionOptB2_Shaft_B-09	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
UnionOptB2_Shaft_B-10	Shafts	Union Island Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	2	300	0.38	Diesel
UnionOptB2_Shaft_B-10	Shafts	Union Island Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
UnionOptB2_Shaft_B-10	Shafts	Union Island Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
UnionOptB2_Shaft_B-10	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
UnionOptB2_Shaft_B-11	Shafts	Union Island Shaft Alt 5	150 KW Diesel Generator	Generator Sets	20	183	0.74	Diesel
UnionOptB2_Shaft_B-11	Shafts	Union Island Shaft Alt 5	Hydraulic 15 Ton Crane	Cranes	20	100	0.29	Diesel
UnionOptB2_Shaft_B-11	Shafts	Union Island Shaft Alt 5	Dewater Pump 6"	Pumps	80	50	0.74	Diesel
UnionOptB2_Shaft_B-12	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UnionOptB2_Shaft_B-12	Shafts	Union Island Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UnionOptB2_Shaft_B-12	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
UnionOptB2_Shaft_B-12	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Electric Welder 400 AMP	Welders	3	33	0.74	Diesel
UnionOptB2_Shaft_B-14	Shafts	Union Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
UnionOptB2_Shaft_B-14	Shafts	Union Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UnionOptB2_Shaft_B-15	Shafts	Union Island Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
UnionOptB2_Shaft_B-15	Shafts	Union Island Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
UnionOptB2_Shaft_B-15	Shafts	Union Island Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
UpperJones_Access_B-07	Roads	Bethany Upper Jones Access	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	9	224	0.42	Diesel
UpperJones_Access_B-07	Roads	Bethany Upper Jones Access	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	9	133	0.38	Diesel
UpperJones_Access_B-07	Roads	Bethany Upper Jones Access	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	9	137	0.38	Diesel
UpperJones_Access_B-07	Roads	Bethany Upper Jones Access	CAT LOADER/HOE 416 E	Rubber Tired Loaders	9	78	0.36	Diesel
UpperJonesOptB2_Shaft_B-02	Shafts	Upper Jones Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	2	328	0.43	Diesel
UpperJonesOptB2_Shaft_B-02	Shafts	Upper Jones Shaft Alt 5	Grader 16H - 16' Blade	Graders	2	285	0.41	Diesel
UpperJonesOptB2_Shaft_B-02	Shafts	Upper Jones Shaft Alt 5	623G Scraper Elevate 21 CY	Scrapers	4	359	0.48	Diesel
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	Air Compressor 375 CFM Diesel	Air Compressors	12	122	0.48	Diesel
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	Case 590 SupN Loader BH	Rubber Tired Loaders	12	110	0.36	Diesel
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	DMM Deep Soil Mixer	Trenchers	12	808	0.50	Diesel
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	DMM Grout Mix Plant	Other General Industrial Equipment	12	500	0.34	Diesel
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	Grove RT Crane 30 Ton	Cranes	12	160	0.29	Diesel
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	Portable 90 Kw Diesel Gen	Generator Sets	12	158	0.74	Diesel
UpperJonesOptB2_Shaft_B-04	Shafts	Upper Jones Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	10	328	0.43	Diesel
UpperJonesOptB2_Shaft_B-04	Shafts	Upper Jones Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
UpperJonesOptB2_Shaft_B-04	Shafts	Upper Jones Shaft Alt 5	CAT Grader 16H	Graders	10	285	0.41	Diesel
UpperJonesOptB2_Shaft_B-05	Shafts	Upper Jones Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
UpperJonesOptB2_Shaft_B-05	Shafts	Upper Jones Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	8	130	0.36	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	15	300	0.38	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	8	350	0.29	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Hydromill	Trenchers	8	876	0.50	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Manitowoc 200 Ton Crane	Cranes	8	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Slurry Wall Mixer	Cement and Mortar Mixers	8	8	0.56	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	Slurry Wall Techniwell	Pumps	8	500	0.74	Diesel
UpperJonesOptB2_Shaft_B-08	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-08	Shafts	Upper Jones Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	8	130	0.36	Diesel
UpperJonesOptB2_Shaft_B-08	Shafts	Upper Jones Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	8	138	0.38	Diesel
UpperJonesOptB2_Shaft_B-09	Shafts	Upper Jones Shaft Alt 5	Concrete Pump Truck	Off-Highway Trucks	2	300	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
UpperJonesOptB2_Shaft_B-09	Shafts	Upper Jones Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
UpperJonesOptB2_Shaft_B-09	Shafts	Upper Jones Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
UpperJonesOptB2_Shaft_B-09	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-10	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	8	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-11	Shafts	Upper Jones Shaft Alt 5	150 KW Diesel Generator	Generator Sets	20	183	0.74	Diesel
UpperJonesOptB2_Shaft_B-11	Shafts	Upper Jones Shaft Alt 5	Hydraulic 15 Ton Crane	Cranes	20	100	0.29	Diesel
UpperJonesOptB2_Shaft_B-11	Shafts	Upper Jones Shaft Alt 5	Dewater Pump 6"	Pumps	80	50	0.74	Diesel
UpperJonesOptB2_Shaft_B-12	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-12	Shafts	Upper Jones Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UpperJonesOptB2_Shaft_B-12	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-12	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	5	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	3	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	1	85	0.29	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	3	85	0.29	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	3	200	0.74	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Electric Welder 400 AMP	Welders	3	33	0.74	Diesel
UpperJonesOptB2_Shaft_B-14	Shafts	Upper Jones Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
UpperJonesOptB2_Shaft_B-14	Shafts	Upper Jones Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
UpperJonesOptB2_Shaft_B-15	Shafts	Upper Jones Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	7	63	0.31	Diesel
UpperJonesOptB2_Shaft_B-15	Shafts	Upper Jones Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
UpperJonesOptB2_Shaft_B-15	Shafts	Upper Jones Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	7	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Air Compressor 185 CFM	Air Compressors	3	49	0.48	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Man-Lift, 54', 500 LB, 24' Reach, 4x4	Aerial Lifts	2	75	0.31	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	CAT D6LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	4	63	0.31	Diesel
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	CAT D6LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	Disk, Towed	Off-Highway Tractors	8	140	0.44	Diesel
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	CAT 14 M	Graders	4	274	0.41	Diesel
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	Water Pump 4" Electric	Pumps	1	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	CAT 825, Roller	Rollers	8	315	0.38	Diesel
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	32	12	0.74	Diesel
TwinCitiesOptB2_Shaft_B-3	Shafts	Twin Cities Shaft Alt 5	CAT LOADER/HOE 416 E	Rubber Tired Loaders	3	78	0.36	Diesel
TwinCitiesOptB2_Shaft_B-3	Shafts	Twin Cities Shaft Alt 5	Compactor, Trench Roller, Vib 32"w	Rollers	5	20	0.38	Diesel
TwinCitiesOptB2_Shaft_B-5	Shafts	Twin Cities Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	23	328	0.43	Diesel
TwinCitiesOptB2_Shaft_B-5	Shafts	Twin Cities Shaft Alt 5	Grader 16H - 16' Blade	Graders	23	285	0.41	Diesel
TwinCitiesOptB2_Shaft_B-5	Shafts	Twin Cities Shaft Alt 5	623G Scraper Elevate 21 CY	Scrapers	45	359	0.48	Diesel
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	CAT 825H Compactor	Rollers	10	315	0.38	Diesel
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	10	145	0.38	Diesel
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	CAT Grader 16H	Graders	21	285	0.41	Diesel
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	10	393	0.36	Diesel
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	21	328	0.43	Diesel
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	623G Scraper Elevate 21 CY	Scrapers	40	359	0.48	Diesel
TwinCitiesOptB2_Shaft_B-7	Shafts	Twin Cities Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	11	145	0.38	Diesel
TwinCitiesOptB2_Shaft_B-7	Shafts	Twin Cities Shaft Alt 5	CAT Grader 16H	Graders	11	285	0.41	Diesel
TwinCitiesOptB2_Shaft_B-7	Shafts	Twin Cities Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	11	328	0.43	Diesel
TwinCitiesOptB2_Shaft_B-8	Shafts	Twin Cities Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	59	145	0.38	Diesel
TwinCitiesOptB2_Shaft_B-8	Shafts	Twin Cities Shaft Alt 5	CAT Grader 16H	Graders	59	285	0.41	Diesel
TwinCitiesOptB2_Shaft_B-8	Shafts	Twin Cities Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	59	328	0.43	Diesel
TwinCitiesOptB2_Shaft_B-8	Shafts	Twin Cities Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	7	85	0.29	Diesel
TwinCitiesOptB2_Shaft_B-9	Shafts	Twin Cities Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
TwinCitiesOptB2_Shaft_B-9	Shafts	Twin Cities Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	13	350	0.29	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	5	345	0.38	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	4	138	0.38	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	10	130	0.36	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	Hydraulic Excavator to 3.5 tons = Kobelco SK485LC' 2.75cy' 345 hp Excavator	Excavators	4	345	0.38	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-13	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	21	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	21	85	0.29	Diesel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	21	63	0.31	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-15	Shafts	Twin Cities Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOptB2_Shaft_B-16	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-17	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-17	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	4	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-17	Shafts	Twin Cities Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	9	100	0.29	Diesel
TwinCitiesOptB2_Shaft_B-18	Shafts	Twin Cities Shaft Alt 5	Hydraulic 15 Ton Crane	Cranes	10	100	0.29	Diesel
TwinCitiesOptB2_Shaft_B-18	Shafts	Twin Cities Shaft Alt 5	Dewater Pump 6"	Pumps	38	50	0.74	Diesel
TwinCitiesOptB2_Shaft_B-18	Shafts	Twin Cities Shaft Alt 5	150 KW Diesel Generator	Generator Sets	10	183	0.74	Diesel
TwinCitiesOptB2_Shaft_B-19	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-19	Shafts	Twin Cities Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TwinCitiesOptB2_Shaft_B-19	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-20	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	13	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-20	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	13	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-21	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	12	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-21	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	14	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-21	Shafts	Twin Cities Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
TwinCitiesOptB2_Shaft_B-22	Shafts	Twin Cities Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	8	540	0.48	Diesel
TwinCitiesOptB2_Shaft_B-22	Shafts	Twin Cities Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	8	100	0.29	Diesel
TwinCitiesOptB2_Shaft_B-22	Shafts	Twin Cities Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	8	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-22	Shafts	Twin Cities Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	8	63	0.20	Diesel
TwinCitiesOptB2_Shaft_B-22	Shafts	Twin Cities Shaft Alt 5	Heavy Duty Mechanic Welder	Welders	8	400	0.74	Diesel
TwinCitiesOptB2_Shaft_B-23	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	22	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-23	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	30	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-23	Shafts	Twin Cities Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	22	85	0.29	Diesel
TwinCitiesOptB2_Shaft_B-23	Shafts	Twin Cities Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	22	63	0.31	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	CAT 988 H Wheel Loader	Rubber Tired Loaders	8	400	0.36	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOptB2_Shaft_B-25	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	19	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-25	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	15	75	0.48	Diesel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	8	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	8	85	0.29	Diesel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	8	63	0.31	Diesel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	8	328	0.43	Diesel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	CAT 980 Loader 7.5 CY	Rubber Tired Loaders	8	393	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	Grout Pump	Pumps	1	500	0.74	Diesel
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	Grout Mixer	Cement and Mortar Mixers	1	70	0.56	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	18	350	0.29	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	18	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	17	63	0.20	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	3	540	0.48	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	3	100	0.29	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	3	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	3	63	0.20	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Heavy Duty Mechanic Welder	Welders	3	400	0.74	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	2	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	2	85	0.29	Diesel
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	2	63	0.31	Diesel
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	27	350	0.29	Diesel
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Telescope RT Forklift 5500	Forklifts	22	63	0.20	Diesel
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	2	100	0.29	Diesel
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Truck Crane Lattice Boom 90T	Cranes	2	300	0.29	Diesel
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Heavy Duty Mechanic Welder	Welders	2	400	0.74	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT D8Rii, Dozer w winch	Crawler Tractors	16	310	0.43	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT 12 M	Graders	5	173	0.41	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT 815, Roller	Rollers	4	170	0.38	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT 621G Scraper, Conventional	Scrapers	4	330	0.48	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Cat 6 mgal w/ CAT 725 Tractor, 320hp	Off-Highway Tractors	33	320	0.44	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	2	138	0.38	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT 966 Loader 5.5 CY	Rubber Tired Loaders	2	170	0.36	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT 390 MASS EXC	Excavators	5	534	0.38	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	16	345	0.38	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Farm Tractor, All Wheel Drive, 285 HP	Off-Highway Tractors	6	285	0.44	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT D9R, Dozer w ripper	Crawler Tractors	12	410	0.43	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	CAT 631G Scraper, Conventional	Scrapers	12	515	0.48	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Disk, Towed	Off-Highway Tractors	2	140	0.44	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Hydro Mulcher, 18 HP	Pumps	1	18	0.74	Diesel
BethComplexOptB2-01	Bethany Complex	Bethany Complex	623G Scraper Elevate 21 CY	Scrapers	12	359	0.48	Diesel
BethComplexOptB2-01	Bethany Complex	Bethany Complex	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
BethComplexOptB2-01	Bethany Complex	Bethany Complex	Grader 16H - 16' Blade	Graders	6	285	0.41	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	150 KW Diesel Generator	Generator Sets	<1	183	0.74	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	1600 CFM Compressor Diesel	Air Compressors	2	540	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	2	75	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	2	130	0.36	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Concrete Pump Truck	Off-Highway Trucks	4	300	0.38	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Concrete Pump Truck	Off-Highway Trucks	<1	300	0.38	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Dewater Pump 6"	Pumps	1	50	0.74	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Hydraulic 15 Ton Crane	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Hydraulic 25 Ton Crane	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Hydraulic 55 Ton Crane	Cranes	2	350	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Hydromill	Trenchers	2	876	0.50	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 200 Ton Crane	Cranes	2	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Manitowoc 999-275 Ton Crane	Cranes	1	900	0.29	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Slurry Wall Mixer	Cement and Mortar Mixers	2	8	0.56	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Slurry Wall Techniwell	Pumps	2	500	0.74	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Trailer Conc Pump 100 CY HR	Pumps	<1	200	0.74	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	CAT LOADER/HOE 416 E	Rubber Tired Loaders	8	78	0.36	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	5	540	0.48	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	11	210	0.74	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	8	80	0.44	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	11	142	0.20	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	3	142	0.20	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	5	160	0.29	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	6	160	0.29	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Manitowoc 999, 250T, 260' Boom	Cranes	11	900	0.29	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	11	158	0.74	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Trk Crane, 200tn Hyd, 197'bm, 563hp	Cranes	11	563	0.29	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Well Drill	Bore/Drill Rigs	1	136	0.50	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT LOADER/HOE 416 E	Rubber Tired Loaders	33	78	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	4	100	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	2	100	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	1	156	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	7	156	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	2	9	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	2	384	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	1	540	0.48	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	4	49	0.48	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	6	49	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	3	110	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 12 M	Graders	7	173	0.41	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Cat 613 C Self Loading Scraper	Scrapers	<1	187	0.48	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	4	130	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	3	130	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 988 H Wheel Loader	Rubber Tired Loaders	<1	400	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT IT28H, 10640 LB Tool Carrier	Rubber Tired Loaders	1	145	0.36	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Conc Pump, Trlr Mtd, 100 cy/hr, 181hp	Pumps	1	118	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	4	160	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	1	160	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Water Pump, 6" Diesel	Pumps	<1	13	0.74	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Water Pump,3" Gas, Diaphragm	Pumps	6	10	0.74	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	26	179	0.43	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	24	179	0.43	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	8	179	0.43	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	18	179	0.43	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	2	49	0.48	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	<1	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	13	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	9	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	<1	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	<1	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	12	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	26	230	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	24	230	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	8	230	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	18	230	0.36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT 966 GII Wheel Loader	Rubber Tired Loaders	<1	286	0.36	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	4	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	26	275	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	24	275	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	8	275	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	18	275	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 14000, 200T, 5CY Clam, 223' Boom, 340HP	Cranes	13	340	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 14000, 200T, 5CY Clam, 223' Boom, 340HP	Cranes	9	340	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 14000, 200T, 5CY Clam, 223' Boom, 340HP	Cranes	12	340	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 14000, 200T, 5CY Clam, 223' Boom, 340HP	Cranes	4	340	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Bentonite Mixing Plant, 150HP	Cement and Mortar Mixers	26	150	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Bentonite Mixing Plant, 150HP	Cement and Mortar Mixers	24	150	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Bentonite Mixing Plant, 150HP	Cement and Mortar Mixers	8	150	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Bentonite Mixing Plant, 150HP	Cement and Mortar Mixers	18	150	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	26	200	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	24	200	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	8	200	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	18	200	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Trench Excavator, Hydromill/1000 HP	Trenchers	26	1000	0.50	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Trench Excavator, Hydromill/1000 HP	Trenchers	24	1000	0.50	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Trench Excavator, Hydromill/1000 HP	Trenchers	8	1000	0.50	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Slurry Trench Excavator, Hydromill/1000 HP	Trenchers	18	1000	0.50	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	2	500	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	4	500	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	5	500	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	2	500	0.56	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Water Pump, 6" Diesel	Pumps	26	13	0.74	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Water Pump, 6" Diesel	Pumps	24	13	0.74	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Water Pump, 6" Diesel	Pumps	8	13	0.74	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Water Pump, 6" Diesel	Pumps	18	13	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	5	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 15T, 100hp	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	10	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	16	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	2	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	3	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	3	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	5	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	2	158	0.74	Diesel
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	CAT 14 M	Graders	2	274	0.41	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	4	142	0.20	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	5	142	0.20	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	4	160	0.29	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	3	160	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	3	100	0.29	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	13	10	0.74	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 825, Roller	Rollers	<1	315	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 12 M	Graders	<1	173	0.41	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 12 M	Graders	1	173	0.41	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 390 MASS EXC	Excavators	<1	534	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	<1	230	0.36	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	3	76	0.43	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT D8Rii, Dozer w winch	Crawler Tractors	<1	310	0.43	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT D9R, Dozer w ripper	Crawler Tractors	1	410	0.43	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Gradall, 1.50 Cy, 282 Hp	Excavators	<1	282	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Gradall, 1.50 Cy, 282 Hp	Excavators	<1	282	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Grout Mixer, 18 Hp	Cement and Mortar Mixers	1	18	0.56	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Grout Pump/0-1100psi, 85cy/Hr,Trlr Mtd,120H	Pumps	1	120	0.74	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	1	160	0.29	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	<1	345	0.38	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Wall Tie Back Drill, Klemm KR806, 240 HP	Bore/Drill Rigs	1	240	0.50	Diesel
BethComplexOptB2-12	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-12	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplexOptB2-12	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	<1	160	0.29	Diesel
BethComplexOptB2-12	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	6	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	<1	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	5	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	3	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	5	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	<1	74	0.37	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 12 M	Graders	<1	173	0.41	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 12 M	Graders	<1	173	0.41	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 349E w Sandvic 720 Cutting Head, 425HP	Excavators	2	425	0.38	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 349E w Sandvic 720 Cutting Head, 425HP	Excavators	3	425	0.38	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 349E w Sandvic 720 Cutting Head, 425HP	Excavators	1	425	0.38	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 349E w Sandvic 720 Cutting Head, 425HP	Excavators	1	425	0.38	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	1	230	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	2	230	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	2	170	0.43	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	3	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	2	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	2	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	1	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT D5 LGP, Angle Dozer	Crawler Tractors	2	170	0.43	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	3	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	3	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	3	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	6	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	<1	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	5	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	3	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	<1	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT Mucker, Underground, 4.1CY, 165HP	Rubber Tired Loaders	2	165	0.36	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	1	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	2	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	3	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	1	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	1	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	1	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	<1	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	1	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	2	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	1	340	0.29	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250'Bm w Skip or Clam	Cranes	<1	340	0.29	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	15	179	0.43	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	2	49	0.48	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	8	110	0.36	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	CAT 962 H Wheel Loader	Rubber Tired Loaders	15	230	0.36	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	5	247	0.29	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	15	275	0.29	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Manitowoc 14000, 200T, 5CY Clam, 223' Boom, 340HP	Cranes	1	340	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Slurry Bentonite Mixing Plant, 150HP	Cement and Mortar Mixers	15	150	0.56	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	15	200	0.56	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Slurry Trench Excavator, Hydromill/876 hp	Trenchers	15	876	0.50	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	5	500	0.56	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Water Pump, 6" Diesel	Pumps	15	13	0.74	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	CAT 966 GII Wheel Loader	Rubber Tired Loaders	1	286	0.36	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	Water Pump,3" Gas, Diaphragm	Pumps	3	10	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT 14 M	Graders	4	274	0.41	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT 14 M	Graders	<1	274	0.41	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	4	156	0.38	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	4	179	0.43	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	4	20	0.38	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	4	384	0.38	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	2	10	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT 825, Roller	Rollers	4	315	0.38	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	4	110	0.36	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	5	130	0.36	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	4	76	0.43	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	5	210	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	1	142	0.20	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Grout Mixer, 18 Hp	Cement and Mortar Mixers	3	18	0.56	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Grout Pump 100	Pumps	3	100	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	1	160	0.29	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	5	345	0.38	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	4	760	0.29	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Mobile Screen, Locotrac, 142HP	Cement and Mortar Mixers	4	142	0.56	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Mobile Screen, Locotrac, 142HP	Cement and Mortar Mixers	5	142	0.56	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Pipe Internal Mortor Lining Applicator	Pumps	3	50	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Portable, 50 Kw, Diesel 85hp	Generator Sets	72	85	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	3	158	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Pug Mill, 400 cy/hr, w200 kw Gen	Generator Sets	5	300	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Sand Blaster, Trailer Mounted	Pumps	3	49	0.74	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Water Pump, 3' Trash, Elec, 225GPM	Pumps	537	1	0.74	Diesel
BethComplexOptB2-17	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-17	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-17	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	<1	122	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	21	122	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	1	100	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	21	179	0.43	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	<1	9	0.43	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	<1	20	0.38	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	2	20	0.38	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	<1	540	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	2	540	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	<1	49	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Auger, Drilled Pier, 48-60", 484 Hp	Bore/Drill Rigs	21	484	0.50	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	<1	110	0.36	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	21	130	0.36	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	CAT 966 GII Wheel Loader	Rubber Tired Loaders	5	286	0.36	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Conc Pump, Trk Mtd, 117 cy/hr, 210hp	Pumps	13	210	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Conc Pump, Trlr Mtd, 100 cy/hr, 181hp	Pumps	<1	118	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Conc Pump, Trlr Mtd, 100 cy/hr, 181hp	Pumps	<1	118	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Conc Pump, Trlr Mtd, 100 cy/hr, 181hp	Pumps	<1	118	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Conc Pump, Trlr Mtd, 100 cy/hr, 181hp	Pumps	<1	118	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Conc Pump, Trlr Mtd, 100 cy/hr, 181hp	Pumps	3	118	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	<1	160	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	21	247	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	13	247	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	18	760	0.29	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	2	158	0.74	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	21	200	0.56	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	13	500	0.56	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Water Pump, 6" Diesel	Pumps	21	13	0.74	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT 14 M	Graders	2	274	0.41	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	5	179	0.43	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	7	179	0.43	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	5	384	0.38	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	7	384	0.38	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	10	12	0.74	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	14	12	0.74	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	5	10	0.74	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	7	10	0.74	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	5	74	0.37	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
BethComplexOptB2-20	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	9	49	0.48	Diesel
BethComplexOptB2-20	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	9	122	0.48	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	1	49	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Auger, Drilled Pier, 48-60", 484 Hp	Bore/Drill Rigs	9	484	0.50	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Auger, Drilled Pier, 48-60", 484 Hp	Bore/Drill Rigs	1	484	0.50	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	9	110	0.36	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	1	110	0.36	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	9	148	0.37	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	CAT 953 Track Loader, 2.25cy, 148hp	Skid Steer Loaders	1	148	0.37	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Grove RT Crane 15T, 100hp	Cranes	4	100	0.29	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Grove RT Crane 15T, 100hp	Cranes	1	100	0.29	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Slurry Bentonite Mixing Plant, 150HP	Cement and Mortar Mixers	9	150	0.56	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Slurry Bentonite Mixing Plant, 150HP	Cement and Mortar Mixers	1	150	0.56	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	9	200	0.56	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Slurry Desanding Plant, 200HP	Cement and Mortar Mixers	1	200	0.56	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	9	500	0.56	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Tremie Plant	Cement and Mortar Mixers	1	500	0.56	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Water Pump,3" Gas, Diaphragm	Pumps	9	10	0.74	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Water Pump,3" Gas, Diaphragm	Pumps	1	10	0.74	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	7	130	0.36	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Grout Mixer, 18 Hp	Cement and Mortar Mixers	<1	18	0.56	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Grout Pump/0-1100psi, 85cy/Hr,Trlr Mtd,120H	Pumps	<1	120	0.74	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	<1	160	0.29	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Pile Vibro Driver/Extractor V20B	Other Construction Equipment	3	325	0.42	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Portable, 20 Kw, Diesel, 36HP	Welders	3	36	0.74	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Wall Tie Back Drill, Klemm KR806, 240 HP	Bore/Drill Rigs	<1	240	0.50	Diesel
BethComplexOptB2-23	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	8	275	0.29	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	3	22	0.74	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	3	300	0.48	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	9	760	0.29	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	8	760	0.29	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	3	158	0.74	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	3	158	0.74	Diesel
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	3	158	0.74	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	6	122	0.48	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	CAT 14 M	Graders	1	274	0.41	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	3	179	0.43	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	3	384	0.38	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	3	10	0.74	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	6	22	0.74	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	3	74	0.37	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	7	130	0.36	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Grout Mixer, 18 Hp	Cement and Mortar Mixers	3	18	0.56	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Grout Pump/0-1100psi, 85cy/Hr,Trlr Mtd,120H	Pumps	3	120	0.74	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	3	160	0.29	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	6	247	0.29	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	7	247	0.29	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	6	760	0.29	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	7	760	0.29	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Pile Vibro Driver/Extractor V20B	Other Construction Equipment	6	325	0.42	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Portable, 20 Kw, Diesel, 36HP	Welders	6	36	0.74	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Wall Tie Back Drill, Klemm KR806, 240 HP	Bore/Drill Rigs	3	240	0.50	Diesel
BethComplexOptB2-26	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	2	275	0.29	Diesel
BethComplexOptB2-26	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	4	275	0.29	Diesel
BethComplexOptB2-26	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	1	9	0.43	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	<1	300	0.48	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	<1	300	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	1	74	0.37	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	5	760	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	2	158	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	11	100	0.29	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	1	179	0.43	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Compactor, Trench Roller, Vib 32"w	Rollers	1	20	0.38	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	1	384	0.38	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	11	49	0.48	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	<1	300	0.48	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT 12 M	Graders	<1	173	0.41	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	1	130	0.36	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT CS-74, Roller, 17 tn, 156 HP	Rollers	1	156	0.38	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	1	76	0.43	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	11	160	0.29	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-29	Bethany Complex	Bethany Complex	Scissor Lift	Aerial Lifts	<1	63	0.31	Diesel
BethComplexOptB2-29	Bethany Complex	Bethany Complex	Scissor Lift	Aerial Lifts	1	63	0.31	Diesel
BethComplexOptB2-29	Bethany Complex	Bethany Complex	Scissor Lift	Aerial Lifts	1	63	0.31	Diesel
BethComplexOptB2-29	Bethany Complex	Bethany Complex	Scissor Lift	Aerial Lifts	11	63	0.31	Diesel
BethComplexOptB2-30	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-31	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	10	247	0.29	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	9	100	0.29	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	9	49	0.48	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	1	50	0.42	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	9	160	0.29	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	2	158	0.74	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	8	100	0.29	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	8	49	0.48	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	<1	300	0.48	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Bidwell Bridge Deck Screed-Finish, 50 HP	Other Construction Equipment	<1	50	0.42	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	8	160	0.29	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	<1	158	0.74	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Boom Truck, 12.5 Tn Boom	Cranes	<1	100	0.29	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	2	22	0.74	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Air Compressor 185 cfm	Air Compressors	2	49	0.48	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	2	300	0.48	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Grove RT Crane 30T, 160HP	Cranes	<1	160	0.29	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	2	158	0.74	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT CS-64, Roller, 15.7 tn, 156HP	Rollers	<1	156	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT D6 LGPDozer w winch	Crawler Tractors	<1	179	0.43	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Komatsu PC 600LC-8, 4.25 cy, 384 hp	Excavators	<1	384	0.38	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	150 Ton Crane	Cranes	10	340	0.29	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	<1	22	0.74	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Air Compressor 900 cfm	Air Compressors	1	300	0.48	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Cable Pulling Rig	Bore/Drill Rigs	10	50	0.50	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT 12 M	Graders	<1	173	0.41	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	<1	130	0.36	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT 973 Track Loader, 4.2 cy, 263hp	Skid Steer Loaders	<1	263	0.37	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	<1	76	0.43	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Derrick/Digger	Bore/Drill Rigs	10	380	0.50	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	10	142	0.20	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	<1	247	0.29	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Portable, 20 Kw, Diesel, 36HP	Welders	10	36	0.74	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	1	158	0.74	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Trailer Mounted Cable Reel	Bore/Drill Rigs	10	50	0.50	Diesel
BethComplexOptB2-36	Bethany Complex	Bethany Complex	CAT 390 MASS EXC	Excavators	8	534	0.38	Diesel
BethComplexOptB2-36	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	3	275	0.29	Diesel
BethComplexOptB2-36	Bethany Complex	Bethany Complex	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	8	345	0.38	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	150 Ton Crane	Cranes	16	340	0.29	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Areal Boom Lift	Aerial Lifts	22	63	0.31	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Areal Boom Lift	Aerial Lifts	63	63	0.31	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Cable Pulling Rig	Bore/Drill Rigs	11	50	0.50	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Cable Pulling Rig	Bore/Drill Rigs	16	50	0.50	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	11	142	0.20	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	16	142	0.20	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Portable, 20 Kw, Diesel, 36HP	Welders	11	36	0.74	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Portable, 20 Kw, Diesel, 36HP	Welders	16	36	0.74	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Scissor Lift	Aerial Lifts	45	63	0.31	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Scissor Lift	Aerial Lifts	94	63	0.31	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	2	122	0.48	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	1	122	0.48	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	5	12	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	7	12	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	2	12	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Light Plant, 4 lite, 1000w, Tower/Mast	Generator Sets	1	12	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	2	247	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	3	247	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Grove RT Crane 55T, 247 hp	Cranes	1	247	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	2	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	1	760	0.29	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Portable, 50 Kw, Diesel 85hp	Generator Sets	1	85	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Portable, 50 Kw, Diesel 85hp	Generator Sets	2	85	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Portable, 50 Kw, Diesel 85hp	Generator Sets	1	85	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Portable, 50 Kw, Diesel 85hp	Generator Sets	1	85	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Portable, 50 Kw, Diesel 85hp	Generator Sets	3	85	0.74	Diesel
BethComplexOptB2-38	Bethany Complex	Bethany Complex	Portable, 50 Kw, Diesel 85hp	Generator Sets	1	85	0.74	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	150 Ton Crane	Cranes	20	340	0.29	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Areal Boom Lift	Aerial Lifts	20	63	0.31	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Cable Pulling Rig	Bore/Drill Rigs	20	50	0.50	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Derrick/Digger	Bore/Drill Rigs	20	380	0.50	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	20	142	0.20	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Fork Lift, 8000LB, RT, 4x4	Forklifts	5	142	0.20	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Portable, 20 Kw, Diesel, 36HP	Welders	20	36	0.74	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Portable, 20 Kw, Diesel, 36HP	Welders	5	36	0.74	Diesel
BethComplexOptB2-40	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	2	275	0.29	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	CAT LOADER/HOE 416 E	Rubber Tired Loaders	<1	78	0.36	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	CAT LOADER/HOE 416 E	Rubber Tired Loaders	1	78	0.36	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	CAT LOADER/HOE 416 E	Rubber Tired Loaders	5	78	0.36	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Asphalt Paver, 10-12 Ft Wide, Cat 224 HP	Pavers	<1	224	0.42	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Asphalt Roller, 17.6 Tn Pneumatic,133hp	Rollers	<1	133	0.38	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Asphalt Roller, 2 Drum 12tn, 137hp	Rollers	<1	137	0.38	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Compactor, Plate, 22"w x 35"	Plate Compactors	3	9	0.43	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	2	74	0.37	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Bobcat S630 Skid Steer Loader	Skid Steer Loaders	10	74	0.37	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Case 590 SupN Loader/Hoe, 110 hp	Rubber Tired Loaders	6	110	0.36	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	CAT 950 H Wheel Loader	Rubber Tired Loaders	6	130	0.36	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	CAT LOADER/HOE 416 E	Rubber Tired Loaders	4	78	0.36	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	CAT 14 M	Graders	4	274	0.41	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	Water Pump, 4" Diesel	Pumps	<1	10	0.74	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	CAT 12 M	Graders	1	173	0.41	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	Cat 613 C Self Loading Scraper	Scrapers	7	187	0.48	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	CAT D3 LGP, Dozer	Crawler Tractors	4	76	0.43	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	Farm Tractor, All Wheel Drive, 80 HP	Off-Highway Tractors	1	80	0.44	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	Hydro Mulcher, 18 HP	Pumps	<1	18	0.74	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	Kobelco SK485LC, 2.75cy, 345 hp	Excavators	4	345	0.38	Diesel
BethComplexOptB2-43	Bethany Complex	Bethany Complex	Hydraulic 55 Ton Crane	Cranes	20	350	0.29	Diesel
BethComplexOptB2-43	Bethany Complex	Bethany Complex	Manitowoc 777 200 Ton Crane	Cranes	20	760	0.29	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Air Compressor 375 cfm	Air Compressors	3	122	0.48	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	1	22	0.74	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	400A Diesel Welder, Trailer Mounted	Welders	5	22	0.74	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Air Compressor 1600 cfm	Air Compressors	3	540	0.48	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Conc Pump, Trlr Mtd, 100 cy/hr, 181hp	Pumps	5	118	0.74	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Grove RT Crane 80T, 275hp	Cranes	1	275	0.29	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	<1	760	0.29	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Manitowoc 555 150T, 250' Boom	Cranes	3	760	0.29	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Portable, 90 Kw, Diesel 158hp	Welders	3	158	0.74	Diesel
KingIslandOptB2_Shaft_B-1	Shafts	King Island Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	1	328	0.43	Diesel
KingIslandOptB2_Shaft_B-1	Shafts	King Island Shaft Alt 5	CAT Grader 16H - 16' Blade	Graders	1	285	0.41	Diesel
KingIslandOptB2_Shaft_B-1	Shafts	King Island Shaft Alt 5	623G Scraper Elevate 21 CY	Scrapers	3	359	0.48	Diesel
KingIslandOptB2_Shaft_B-3	Shafts	King Island Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
KingIslandOptB2_Shaft_B-3	Shafts	King Island Shaft Alt 5	CAT Grader 16H	Graders	7	285	0.41	Diesel
KingIslandOptB2_Shaft_B-3	Shafts	King Island Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
KingIslandOptB2_Shaft_B-4	Shafts	King Island Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	<1	138	0.38	Diesel
KingIslandOptB2_Shaft_B-4	Shafts	King Island Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	<1	130	0.36	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	5	540	0.48	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	11	350	0.29	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	5	8	0.56	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	Slurry Wall Techniwell	Pumps	5	500	0.74	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	11	760	0.29	Diesel
KingIslandOptB2_Shaft_B-7	Shafts	King Island Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
KingIslandOptB2_Shaft_B-7	Shafts	King Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
KingIslandOptB2_Shaft_B-7	Shafts	King Island Shaft Alt 5	Hydraullic Excavator to 3.5	Excavators	5	138	0.38	Diesel
KingIslandOptB2_Shaft_B-7	Shafts	King Island Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	5	138	0.38	Diesel
KingIslandOptB2_Shaft_B-8	Shafts	King Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOptB2_Shaft_B-9	Shafts	King Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	9	760	0.29	Diesel
KingIslandOptB2_Shaft_B-9	Shafts	King Island Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	3	300	0.29	Diesel
KingIslandOptB2_Shaft_B-9	Shafts	King Island Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	6	100	0.29	Diesel
KingIslandOptB2_Shaft_B-10	Shafts	King Island Shaft Alt 5	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
KingIslandOptB2_Shaft_B-10	Shafts	King Island Shaft Alt 5	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
KingIslandOptB2_Shaft_B-10	Shafts	King Island Shaft Alt 5	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
KingIslandOptB2_Shaft_B-11	Shafts	King Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOptB2_Shaft_B-11	Shafts	King Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
KingIslandOptB2_Shaft_B-11	Shafts	King Island Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
KingIslandOptB2_Shaft_B-12	Shafts	King Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	6	75	0.48	Diesel
KingIslandOptB2_Shaft_B-12	Shafts	King Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	10	75	0.48	Diesel
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	4	200	0.74	Diesel
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	Manitowoc 999-275 Ton Crane	Cranes	2	900	0.29	Diesel
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	4	85	0.29	Diesel
KingIslandOptB2_Shaft_B-14	Shafts	King Island Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	6	85	0.29	Diesel
KingIslandOptB2_Shaft_B-14	Shafts	King Island Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	6	300	0.29	Diesel
KingIslandOptB2_Shaft_B-14	Shafts	King Island Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	6	63	0.31	Diesel
TerminousOptB2_Shaft_B-1	Shafts	Terminous Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	6	328	0.43	Diesel
TerminousOptB2_Shaft_B-1	Shafts	Terminous Shaft Alt 5	CAT Grader 16H - 16' Blade	Graders	6	285	0.41	Diesel
TerminousOptB2_Shaft_B-1	Shafts	Terminous Shaft Alt 5	623G Scraper Elevate 21 CY	Scrapers	12	359	0.48	Diesel
TerminousOptB2_Shaft_B-3	Shafts	Terminous Shaft Alt 5	CAT CB-634D Vibratory 84"	Rollers	7	145	0.38	Diesel
TerminousOptB2_Shaft_B-3	Shafts	Terminous Shaft Alt 5	CAT Grader 16H	Graders	7	285	0.41	Diesel
TerminousOptB2_Shaft_B-3	Shafts	Terminous Shaft Alt 5	CAT D8 Dozer	Crawler Tractors	7	328	0.43	Diesel
TerminousOptB2_Shaft_B-4	Shafts	Terminous Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	1	138	0.38	Diesel
TerminousOptB2_Shaft_B-4	Shafts	Terminous Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	1	130	0.36	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	1600 CFM Compressor Diesel	Air Compressors	6	540	0.48	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	Hydraulic 55 Ton Crane	Cranes	12	350	0.29	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	6	130	0.36	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	Slurry Wall Mixer & Desander & Stop End & Tank	Cement and Mortar Mixers	6	8	0.56	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	Slurry Wall Techniwell	Pumps	6	500	0.74	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	12	760	0.29	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	CAT 950 Loader 4.5 CY	Rubber Tired Loaders	5	130	0.36	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	<1	75	0.48	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	Hydraullic Excavator to 3.5	Excavators	5	138	0.38	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	CAT Hyd Excavator 1CY	Excavators	6	138	0.38	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	<1	85	0.29	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	<1	300	0.29	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	<1	63	0.31	Diesel
TerminousOptB2_Shaft_B-8	Shafts	Terminous Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	1	760	0.29	Diesel
TerminousOptB2_Shaft_B-9	Shafts	Terminous Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	2	760	0.29	Diesel
TerminousOptB2_Shaft_B-9	Shafts	Terminous Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	1	300	0.29	Diesel
TerminousOptB2_Shaft_B-9	Shafts	Terminous Shaft Alt 5	Hydraulic 25 Ton Crane	Cranes	1	100	0.29	Diesel
TerminousOptB2_Shaft_B-10	Shafts	Terminous Shaft Alt 5	Dewater Pump 6"	Pumps	57	50	0.74	Diesel
TerminousOptB2_Shaft_B-10	Shafts	Terminous Shaft Alt 5	150 KW Diesel Generator	Generator Sets	14	183	0.74	Diesel
TerminousOptB2_Shaft_B-10	Shafts	Terminous Shaft Alt 5	Hydraulic 15 Ton Crane	Cranes	14	100	0.29	Diesel
TerminousOptB2_Shaft_B-11	Shafts	Terminous Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	6	760	0.29	Diesel
TerminousOptB2_Shaft_B-11	Shafts	Terminous Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	1	75	0.48	Diesel
TerminousOptB2_Shaft_B-11	Shafts	Terminous Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	1	200	0.74	Diesel
TerminousOptB2_Shaft_B-12	Shafts	Terminous Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	16	75	0.48	Diesel
TerminousOptB2_Shaft_B-12	Shafts	Terminous Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	16	760	0.29	Diesel
TerminousOptB2_Shaft_B-13	Shafts	Terminous Shaft Alt 5	250 CFM Compressor Diesel	Air Compressors	23	75	0.48	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
TerminousOptB2_Shaft_B-13	Shafts	Terminous Shaft Alt 5	Trailer Conc Pump 100 CY HR	Pumps	11	200	0.74	Diesel
TerminousOptB2_Shaft_B-13	Shafts	Terminous Shaft Alt 5	Manitowoc 777 200 Ton Crane	Cranes	3	760	0.29	Diesel
TerminousOptB2_Shaft_B-13	Shafts	Terminous Shaft Alt 5	Manitowoc 999-275 Ton Crane	Cranes	10	900	0.29	Diesel
TerminousOptB2_Shaft_B-14	Shafts	Terminous Shaft Alt 5	Hydraulic 9 Ton Crane	Cranes	10	85	0.29	Diesel
TerminousOptB2_Shaft_B-14	Shafts	Terminous Shaft Alt 5	Hydraulic 40 Ton Crane	Cranes	10	300	0.29	Diesel
TerminousOptB2_Shaft_B-14	Shafts	Terminous Shaft Alt 5	CAT Forklift 5,500 LB	Aerial Lifts	10	63	0.31	Diesel
GT_15_OL	Geotechnical Investigation	15' Borings On Land	Bore/Drill Rigs	Bore/Drill Rigs	10	500	0.50	Diesel
GT_75_OL	Geotechnical Investigation	50'-75' Borings On Land	Bore/Drill Rigs	Bore/Drill Rigs	10	500	0.50	Diesel
GT_150_OL	Geotechnical Investigation	125'-150' Borings On Land	Bore/Drill Rigs	Bore/Drill Rigs	10	500	0.50	Diesel
GT_200_OL	Geotechnical Investigation	175'-200' Borings On Land	Bore/Drill Rigs	Bore/Drill Rigs	10	550	0.50	Diesel
GT_CPT_OL	Geotechnical Investigation	CPT on Land	Bore/Drill Rigs	Bore/Drill Rigs	10	500	0.50	Diesel
GT_Mon	Geotechnical Investigation	Monument	Bore/Drill Rigs	Bore/Drill Rigs	10	550	0.50	Diesel
GT_TW	Geotechnical Investigation	Test Well	Bore/Drill Rigs	Bore/Drill Rigs	10	550	0.50	Diesel
GT_PT	Geotechnical Investigation	Pumping Test	Pumps	Pumps	24	200	0.74	Diesel
GT_30_TT	Geotechnical Investigation	Test trench (30 ft)	Excavators	Excavators	5	200	0.38	Diesel
GT_1000_TT	Geotechnical Investigation	Test trench (1000 ft)	Excavators	Excavators	10	200	0.38	Diesel
GT_Mon	Geotechnical Investigation	Monument	Welders	Welders	10	10	0.74	Diesel
GT_TF	Geotechnical Investigation	Test fills	Excavators	Excavators	4	200	0.38	Diesel
GT_GI	Geotechnical Investigation	Ground Improvement	Air Compressors	Air Compressors	10	122	0.48	Diesel
GT_GI	Geotechnical Investigation	Ground Improvement	Cranes	Cranes	10	160	0.29	Diesel
GT_GI	Geotechnical Investigation	Ground Improvement	Trenchers	Trenchers	10	808	0.50	Diesel
GT_GI	Geotechnical Investigation	Ground Improvement	Cement and Mortar Mixers	Cement and Mortar Mixers	10	18	0.56	Diesel
GT_GI	Geotechnical Investigation	Ground Improvement	Generator Sets	Generator Sets	10	158	0.74	Diesel
GT_GI	Geotechnical Investigation	Ground Improvement	Rubber Tired Loaders	Rubber Tired Loaders	10	110	0.36	Diesel
GT_TP	Geotechnical Investigation	Test Pile	Other Construction Equipment	Other Construction Equipment	4	210	0.42	Diesel
GT_TP	Geotechnical Investigation	Test Pile	Other Construction Equipment	Other Construction Equipment	4	325	0.42	Diesel
GT_TP	Geotechnical Investigation	Test Pile	Cranes	Cranes	4	160	0.29	Diesel
GT_Pothole	Geotechnical Investigation	Utility Potholing	Excavators	Excavators	3	150	0.38	Diesel
GT_Pothole	Geotechnical Investigation	Utility Potholing	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	3	67	0.37	Diesel
CM_Pond-1	Compensatory Mitigation	I-5 Ponds	Crawler Tractors	Crawler Tractors	24	212	0.43	Diesel
CM_Pond-1	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	24	203	0.36	Diesel
CM_Pond-4	Compensatory Mitigation	I-5 Ponds	Crawler Tractors	Crawler Tractors	24	212	0.43	Diesel
CM_Pond-4	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	24	203	0.36	Diesel
CM_Pond-6	Compensatory Mitigation	I-5 Ponds	Crawler Tractors	Crawler Tractors	24	212	0.43	Diesel
CM_Pond-6	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	24	203	0.36	Diesel
CM_Pond-2	Compensatory Mitigation	I-5 Ponds	Excavators	Excavators	32	158	0.38	Diesel
CM_Pond-2	Compensatory Mitigation	I-5 Ponds	Off-Highway Trucks	Off-Highway Trucks	64	402	0.38	Diesel
CM_Pond-2	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	32	203	0.36	Diesel
CM_Pond-2	Compensatory Mitigation	I-5 Ponds	Rubber Tired Dozers	Rubber Tired Dozers	64	247	0.40	Diesel
CM_Pond-5	Compensatory Mitigation	I-5 Ponds	Excavators	Excavators	32	158	0.38	Diesel
CM_Pond-5	Compensatory Mitigation	I-5 Ponds	Off-Highway Trucks	Off-Highway Trucks	64	402	0.38	Diesel
CM_Pond-5	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	32	203	0.36	Diesel
CM_Pond-5	Compensatory Mitigation	I-5 Ponds	Rubber Tired Dozers	Rubber Tired Dozers	64	247	0.40	Diesel
CM_Pond-7	Compensatory Mitigation	I-5 Ponds	Excavators	Excavators	32	158	0.38	Diesel
CM_Pond-7	Compensatory Mitigation	I-5 Ponds	Off-Highway Trucks	Off-Highway Trucks	64	402	0.38	Diesel

Code	Feature Category	Feature	Equipment	Equipment Category	Equip Hrs./day	HP	LF	Fuel
CM_Pond-7	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	32	203	0.36	Diesel
CM_Pond-7	Compensatory Mitigation	I-5 Ponds	Rubber Tired Dozers	Rubber Tired Dozers	64	247	0.40	Diesel
CM_Pond-3	Compensatory Mitigation	I-5 Ponds	Excavators	Excavators	32	158	0.38	Diesel
CM_Pond-3	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	32	203	0.36	Diesel
CM_Pond-3	Compensatory Mitigation	I-5 Ponds	Rubber Tired Dozers	Rubber Tired Dozers	64	247	0.40	Diesel
CM_Pond-8	Compensatory Mitigation	I-5 Ponds	Excavators	Excavators	32	158	0.38	Diesel
CM_Pond-8	Compensatory Mitigation	I-5 Ponds	Rubber Tired Loaders	Rubber Tired Loaders	32	203	0.36	Diesel
CM_Pond-8	Compensatory Mitigation	I-5 Ponds	Rubber Tired Dozers	Rubber Tired Dozers	64	247	0.40	Diesel
CM_Pond-9	Compensatory Mitigation	I-5 Ponds	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	8	97	0.37	Diesel
CM_Pond-10	Compensatory Mitigation	I-5 Ponds	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	8	97	0.37	Diesel
CM_Pond-11	Compensatory Mitigation	I-5 Ponds	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	8	97	0.37	Diesel
CM_Bouldin-1	Compensatory Mitigation	Bouldin Island	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	24	97	0.37	Diesel
CM_Bouldin-3	Compensatory Mitigation	Bouldin Island	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	24	97	0.37	Diesel
CM_Bouldin-6	Compensatory Mitigation	Bouldin Island	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	16	97	0.37	Diesel
CM_Bouldin-2	Compensatory Mitigation	Bouldin Island	Scrapers	Scrapers	32	367	0.48	Diesel
CM_Bouldin-2	Compensatory Mitigation	Bouldin Island	Rubber Tired Dozers	Rubber Tired Dozers	32	247	0.40	Diesel
CM_Bouldin-2	Compensatory Mitigation	Bouldin Island	Plate Compactors	Plate Compactors	32	8	0.43	Diesel
CM_Bouldin-4	Compensatory Mitigation	Bouldin Island	Scrapers	Scrapers	32	367	0.48	Diesel
CM_Bouldin-4	Compensatory Mitigation	Bouldin Island	Rubber Tired Dozers	Rubber Tired Dozers	32	247	0.4	Diesel
CM_Bouldin-4	Compensatory Mitigation	Bouldin Island	Plate Compactors	Plate Compactors	32	8	0.43	Diesel
CM_Bouldin-5	Compensatory Mitigation	Bouldin Island	Excavators	Excavators	32	158	0.38	Diesel
CM_Bouldin-5	Compensatory Mitigation	Bouldin Island	Off-Highway Trucks	Off-Highway Trucks	32	402	0.38	Diesel
CM_Bouldin-5	Compensatory Mitigation	Bouldin Island	Rubber Tired Loaders	Rubber Tired Loaders	32	203	0.36	Diesel
CM_Bouldin-5	Compensatory Mitigation	Bouldin Island	Rubber Tired Dozers	Rubber Tired Dozers	64	247	0.40	Diesel
CM_Bouldin-7	Compensatory Mitigation	Bouldin Island	Tractors/Loaders/Backhoes	Tractors/Loaders/Backhoes	8	97	0.37	Diesel

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Table 23B-5. Construction Assumptions—On-Road Vehicles

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
NewHopeOpt1_Shaft_C-4	Shafts	New Hope Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	8	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	39	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	34	Diesel
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	Off-Highway Truck	HHDT	1	69	Diesel
NewHopeOpt1_Shaft_C-8	Shafts	New Hope Shaft Alt 1	Trucking Off Highway CAT 730	HHDT	1	134	Diesel
NewHopeOpt1_Shaft_C-9	Shafts	New Hope Shaft Alt 1	Off-Highway Truck	HHDT	1	29	Diesel
StatenIslandOpt1_Shaft_C-4	Shafts	Staten Island Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	7	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	30	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	Concrete Pump Truck	MHDT	1	53	Diesel
StatenIslandOpt1_Shaft_C-8	Shafts	Staten Island Shaft Alt 1	Trucking Off Highway CAT 730	HHDT	1	144	Diesel
StatenIslandOpt1_Shaft_C-9	Shafts	Staten Island Shaft Alt 1	Concrete Pump Truck	MHDT	1	7	Diesel
MandIslandOpt1_Shaft_C-4	Shafts	Mandeville Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	10	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	34	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	Concrete Pump Truck	MHDT	1	59	Diesel
MandIslandOpt1_Shaft_C-9	Shafts	Mandeville Shaft Alt 1	Concrete Pump Truck	MHDT	1	27	Diesel
NewHopeOpt2_Shaft_E-4	Shafts	New Hope Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	8	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	32	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	32	Diesel
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	Concrete Pump Truck	MHDT	1	57	Diesel
NewHopeOpt2_Shaft_E-8	Shafts	New Hope Shaft Alt 3	Trucking Off Highway CAT 730	HHDT	1	134	Diesel
NewHopeOpt2_Shaft_E-9	Shafts	New Hope Shaft Alt 3	Concrete Pump Truck	MHDT	1	29	Diesel
CanalRanchOpt2_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	8	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	31	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	Concrete Pump Truck	MHDT	1	54	Diesel
CanalRanchOpt2_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 3	Trucking Off Highway CAT 730	HHDT	1	135	Diesel
CanalRanchOpt2_Shaft_E-9	Shafts	Canal Ranch Shaft Alt 3	Concrete Pump Truck	MHDT	1	27	Diesel
TerminousOpt2_Shaft_E-3	Shafts	Terminous Shaft Alt 3	Highway Dump Truck 18 CY	HHDT	1	34	Diesel
TerminousOpt2_Shaft_E-4	Shafts	Terminous Shaft Alt 3	CAT 730 Rear Dump	HHDT	2	92	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	31	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	Concrete Pump Truck	MHDT	1	62	Diesel
TerminousOpt2_Shaft_E-7	Shafts	Terminous Shaft Alt 3	Highway Flatbed 10 Ton	HHDT	1	2	Diesel
TerminousOpt2_Shaft_E-8	Shafts	Terminous Shaft Alt 3	Trucking Off Highway CAT 730	HHDT	1	28	Diesel
TerminousOpt2_Shaft_E-9	Shafts	Terminous Shaft Alt 3	Concrete Pump Truck	MHDT	1	7	Diesel
TerminousOpt2_Shaft_E-14	Shafts	Terminous Shaft Alt 3	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
KingIslandOpt2_Shaft_E-3	Shafts	King Island Shaft Alt 3	Highway Dump Truck 18 CY	HHDT	1	34	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
KingIslandOpt2_Shaft_E-4	Shafts	King Island Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	8	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	32	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	Concrete Pump Truck	MHDT	1	56	Diesel
KingIslandOpt2_Shaft_E-8	Shafts	King Island Shaft Alt 3	Trucking Off Highway CAT 730	HHDT	1	152	Diesel
KingIslandOpt2_Shaft_E-9	Shafts	King Island Shaft Alt 3	Concrete Pump Truck	MHDT	1	27	Diesel
KingIslandOpt2_Shaft_E-13	Shafts	King Island Shaft Alt 3	Highway Flatbed 10 Ton	HHDT	1	4	Diesel
KingIslandOpt2_Shaft_E-14	Shafts	King Island Shaft Alt 3	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
UpperJonesOpt2_Shaft_E-4	Shafts	Upper Jones Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	7	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	33	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
UpperJonesOpt2_Shaft_E-6	Shafts	Upper Jones Shaft Alt 3	Concrete Pump Truck	MHDT	1	63	Diesel
UpperJonesOpt2_Shaft_E-8	Shafts	Upper Jones Shaft Alt 3	Trucking Off Highway CAT 730	HHDT	1	141	Diesel
UpperJonesOpt2_Shaft_E-9	Shafts	Upper Jones Shaft Alt 3	Concrete Pump Truck	MHDT	1	7	Diesel
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	Concrete Pump Truck	MHDT	1	11	Diesel
BouldinOpt1_Shaft_C-7	Shafts	Bouldin Shaft Alt 1	Concrete Pump Truck	MHDT	1	40	Diesel
BouldinOpt1_Shaft_C-8	Shafts	Bouldin Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	43	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	36	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	32	Diesel
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	Concrete Pump Truck	MHDT	1	64	Diesel
BouldinOpt1_Shaft_C-10	Shafts	Bouldin Shaft Alt 1	CAT 730 Rear Dump	HHDT	5	268	Diesel
BouldinOpt1_Shaft_C-11	Shafts	Bouldin Shaft Alt 1	Concrete Pump Truck	MHDT	1	35	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	10	Diesel
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	Truck, End Dump, 10-13cy, Hwy	HHDT	5	238	Diesel
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	61	Diesel
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt1_Shaft_C-3	Shafts	Twin Cities Shaft Alt 1	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	Water Tanker	MHDT	1	50	Diesel
TwinCitiesOpt1_Shaft_C-7	Shafts	Twin Cities Shaft Alt 1	Truck, End Dump, 10-13cy, Hwy	HHDT	3	162	Diesel
TwinCitiesOpt1_Shaft_C-8	Shafts	Twin Cities Shaft Alt 1	Concrete Pump Truck	MHDT	1	43	Diesel
TwinCitiesOpt1_Shaft_C-9	Shafts	Twin Cities Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	14	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	36	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	Concrete Pump Truck	MHDT	6	314	Diesel
TwinCitiesOpt1_Shaft_C-11	Shafts	Twin Cities Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	46	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	31	Diesel
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
TwinCitiesOpt1_Shaft_C-13	Shafts	Twin Cities Shaft Alt 1	CAT 730 Rear Dump	HHDT	5	265	Diesel
TwinCitiesOpt1_Shaft_C-16	Shafts	Twin Cities Shaft Alt 1	CAT 730 Rear Dump	HHDT	5	265	Diesel
TwinCitiesOpt1_Shaft_C-17	Shafts	Twin Cities Shaft Alt 1	Concrete Pump Truck	MHDT	1	46	Diesel
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	Truck, End Dump, 10-13cy, Hwy	HHDT	7	325	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	61	Diesel
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt2_Shaft_E-3	Shafts	Twin Cities Shaft Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	Water Tanker	MHDT	1	50	Diesel
TwinCitiesOpt2_Shaft_E-7	Shafts	Twin Cities Shaft Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	3	162	Diesel
TwinCitiesOpt2_Shaft_E-8	Shafts	Twin Cities Shaft Alt 3	Concrete Pump Truck	MHDT	1	43	Diesel
TwinCitiesOpt2_Shaft_E-9	Shafts	Twin Cities Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	14	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	36	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	Concrete Pump Truck	MHDT	6	314	Diesel
TwinCitiesOpt2_Shaft_E-11	Shafts	Twin Cities Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	46	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	31	Diesel
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
TwinCitiesOpt2_Shaft_E-13	Shafts	Twin Cities Shaft Alt 3	CAT 730 Rear Dump	HHDT	5	265	Diesel
TwinCitiesOpt2_Shaft_E-16	Shafts	Twin Cities Shaft Alt 3	CAT 730 Rear Dump	HHDT	5	265	Diesel
TwinCitiesOpt2_Shaft_E-17	Shafts	Twin Cities Shaft Alt 3	Concrete Pump Truck	MHDT	1	46	Diesel
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	7	325	Diesel
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	Cat 10mgal w/Cat 770, 511HP	MHDT	1	23	Diesel
LowerRobertOpt2_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	1	25	Diesel
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	Concrete Pump Truck	MHDT	1	11	Diesel
LowerRobertOpt2_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	113	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	CAT 730 Rear Dump	HHDT	1	34	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	Concrete Pump Truck	MHDT	1	60	Diesel
LowerRobertOpt2_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 3	CAT 730 Rear Dump	HHDT	5	261	Diesel
LowerRobertOpt2_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 3	Concrete Pump Truck	MHDT	1	35	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	12	Diesel
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	2	94	Diesel
BaconOpt1_Shaft_C-5	Shafts	Bacon Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	7	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	CAT 730 Rear Dump	HHDT	1	32	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	Concrete Pump Truck	MHDT	1	56	Diesel
BaconOpt1_Shaft_C-9	Shafts	Bacon Shaft Alt 1	Trucking Off Highway CAT 730	HHDT	1	120	Diesel
BaconOpt1_Shaft_C-10	Shafts	Bacon Shaft Alt 1	Concrete Pump Truck	MHDT	1	27	Diesel
BaconOpt5_Shaft_C-5	Shafts	Bacon Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	5	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	24	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	21	Diesel
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	Concrete Pump Truck	MHDT	1	42	Diesel
BaconOpt5_Shaft_C-9	Shafts	Bacon Shaft Alt 2b	Trucking Off Highway CAT 730	HHDT	1	120	Diesel
BaconOpt5_Shaft_C-10	Shafts	Bacon Shaft Alt 2b	Concrete Pump Truck	MHDT	1	27	Diesel
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	Concrete Pump Truck	MHDT	1	11	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
BouldinOpt5_Shaft_C-7	Shafts	Bouldin Shaft Alt 2b	Concrete Pump Truck	MHDT	1	40	Diesel
BouldinOpt5_Shaft_C-8	Shafts	Bouldin Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	41	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	36	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	Concrete Pump Truck	MHDT	1	61	Diesel
BouldinOpt5_Shaft_C-11	Shafts	Bouldin Shaft Alt 2b	Concrete Pump Truck	MHDT	1	35	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	10	Diesel
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	Truck, End Dump, 10-13cy, Hwy	HHDT	5	233	Diesel
CanalRanchOpt6_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	6	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	23	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	23	Diesel
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	Concrete Pump Truck	MHDT	1	41	Diesel
KingIslandOpt6_Shaft_E-3	Shafts	King Island Shaft Alt 4b	Highway Dump Truck 18 CY	HHDT	1	30	Diesel
KingIslandOpt6_Shaft_E-4	Shafts	King Island Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	6	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	24	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	21	Diesel
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	Concrete Pump Truck	MHDT	1	42	Diesel
KingIslandOpt6_Shaft_E-14	Shafts	King Island Shaft Alt 4b	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	Cat 10mgal w/Cat 770, 511HP	MHDT	1	23	Diesel
LowerRobertOpt6_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4b	Truck, End Dump, 10-13cy, Hwy	HHDT	1	25	Diesel
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	Concrete Pump Truck	MHDT	1	11	Diesel
LowerRobertOpt6_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	113	Diesel
LowerRobertOpt6_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	41	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	33	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	Concrete Pump Truck	MHDT	1	57	Diesel
LowerRobertOpt6_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4b	CAT 730 Rear Dump	HHDT	5	261	Diesel
LowerRobertOpt6_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 4b	Concrete Pump Truck	MHDT	1	35	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	11	Diesel
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	Truck, End Dump, 10-13cy, Hwy	HHDT	2	92	Diesel
MandIslandOpt5_Shaft_C-4	Shafts	Mandeville Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	8	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	18	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	16	Diesel
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	Concrete Pump Truck	MHDT	1	31	Diesel
MandIslandOpt5_Shaft_C-9	Shafts	Mandeville Shaft Alt 2b	Concrete Pump Truck	MHDT	1	76	Diesel
NewHopeOpt5_Shaft_C-4	Shafts	New Hope Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	2	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	26	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	Concrete Pump Truck	MHDT	1	52	Diesel
NewHopeOpt5_Shaft_C-9	Shafts	New Hope Shaft Alt 2b	Concrete Pump Truck	MHDT	1	29	Diesel
NewHopeOpt6_Shaft_E-4	Shafts	New Hope Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	6	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	25	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	25	Diesel
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	Concrete Pump Truck	MHDT	1	43	Diesel
StatenIslandOpt5_Shaft_C-4	Shafts	Staten Island Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	5	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	20	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	20	Diesel
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	Concrete Pump Truck	MHDT	1	40	Diesel
TerminousOpt6_Shaft_E-4	Shafts	Terminous Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	70	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	23	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	23	Diesel
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	Concrete Pump Truck	MHDT	1	47	Diesel
TerminousOpt6_Shaft_E-7	Shafts	Terminous Shaft Alt 4b	Highway Flatbed 10 Ton	HHDT	1	2	Diesel
TerminousOpt6_Shaft_E-8	Shafts	Terminous Shaft Alt 4b	Trucking Off Highway CAT 730	HHDT	1	28	Diesel
TerminousOpt6_Shaft_E-9	Shafts	Terminous Shaft Alt 4b	Concrete Pump Truck	MHDT	1	7	Diesel
TerminousOpt6_Shaft_E-14	Shafts	Terminous Shaft Alt 4b	Highway Flatbed 10 Ton	HHDT	1	24	Diesel
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	61	Diesel
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt5_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2b	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	Water Tanker	MHDT	1	50	Diesel
TwinCitiesOpt5_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2b	Truck, End Dump, 10-13cy, Hwy	HHDT	3	159	Diesel
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	Concrete Pump Truck	MHDT	1	5	Diesel
TwinCitiesOpt5_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	13	Diesel
TwinCitiesOpt5_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2b	CAT 725 Tractor, 320hp	HHDT	1	14	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	34	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Concrete Pump Truck	MHDT	4	185	Diesel
TwinCitiesOpt5_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	44	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	CAT 730 Rear Dump	HHDT	1	30	Diesel
TwinCitiesOpt5_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
TwinCitiesOpt5_Shaft_C-17	Shafts	Twin Cities Shaft Alt 2b	Concrete Pump Truck	MHDT	1	46	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	CAT 725 Tractor, 320hp	HHDT	1	9	Diesel
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Truck, End Dump, 10-13cy, Hwy	HHDT	7	325	Diesel
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	61	Diesel
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt6_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4b	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	Water Tanker	MHDT	1	50	Diesel
TwinCitiesOpt6_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4b	Truck, End Dump, 10-13cy, Hwy	HHDT	3	159	Diesel
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	Concrete Pump Truck	MHDT	1	5	Diesel
TwinCitiesOpt6_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	13	Diesel
TwinCitiesOpt6_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4b	CAT 725 Tractor, 320hp	HHDT	1	14	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	34	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Concrete Pump Truck	MHDT	4	185	Diesel
TwinCitiesOpt6_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	44	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	30	Diesel
TwinCitiesOpt6_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
TwinCitiesOpt6_Shaft_E-17	Shafts	Twin Cities Shaft Alt 4b	Concrete Pump Truck	MHDT	1	46	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	CAT 725 Tractor, 320hp	HHDT	1	9	Diesel
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Truck, End Dump, 10-13cy, Hwy	HHDT	7	325	Diesel
UpperJonesOpt6_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	50	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	CAT 730 Rear Dump	HHDT	1	37	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	32	Diesel
UpperJonesOpt6_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4b	Concrete Pump Truck	MHDT	1	69	Diesel
UpperJonesOpt6_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4b	Trucking Off Highway CAT 730	HHDT	1	141	Diesel
UpperJonesOpt6_Shaft_E-9	Shafts	Upper Jones Shaft Alt 4b	Concrete Pump Truck	MHDT	1	27	Diesel
NewHopeOpt9_Shaft_C-4	Shafts	New Hope Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	8	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	43	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	37	Diesel
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	Concrete Pump Truck	MHDT	1	75	Diesel
NewHopeOpt10_Shaft_E-4	Shafts	New Hope Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	8	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	35	Diesel
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	Concrete Pump Truck	MHDT	1	62	Diesel
StatenIslandOpt9_Shaft_C-4	Shafts	Staten Island Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	8	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	32	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	Concrete Pump Truck	MHDT	1	57	Diesel
MandIslandOpt9_Shaft_C-4	Shafts	Mandeville Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	11	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	32	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	Concrete Pump Truck	MHDT	1	55	Diesel
BaconOpt9_Shaft_C-5	Shafts	Bacon Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	7	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	35	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel
BaconOpt9_Shaft_C-7	Shafts	Bacon Shaft Alt 2a	Concrete Pump Truck	MHDT	1	61	Diesel
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt9_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2a	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOpt9_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2a	Truck, End Dump, 10-13cy, Hwy	HHDT	1	56	Diesel
TwinCitiesOpt9_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2a	Truck, End Dump, 10-13cy, Hwy	HHDT	3	165	Diesel
TwinCitiesOpt9_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	10	Diesel
TwinCitiesOpt9_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	54	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	32	Diesel
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 725 Tractor, 320hp	HHDT	1	29	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	Truck, End Dump, 10-13cy, Hwy	HHDT	7	341	Diesel
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	27	Diesel
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt10_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4a	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOpt10_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4a	Truck, End Dump, 10-13cy, Hwy	HHDT	1	56	Diesel
TwinCitiesOpt10_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4a	Truck, End Dump, 10-13cy, Hwy	HHDT	3	165	Diesel
TwinCitiesOpt10_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	10	Diesel
TwinCitiesOpt10_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	54	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	32	Diesel
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 725 Tractor, 320hp	HHDT	1	29	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	Truck, End Dump, 10-13cy, Hwy	HHDT	7	341	Diesel
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	27	Diesel
CanalRanchOpt10_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	8	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	33	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	33	Diesel
CanalRanchOpt10_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4a	Concrete Pump Truck	MHDT	1	59	Diesel
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	Concrete Pump Truck	MHDT	1	11	Diesel
BouldinOpt9_Shaft_C-7	Shafts	Bouldin Shaft Alt 2a	Concrete Pump Truck	MHDT	1	42	Diesel
BouldinOpt9_Shaft_C-8	Shafts	Bouldin Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	45	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	CAT 730 Rear Dump	HHDT	1	38	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	33	Diesel
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	Concrete Pump Truck	MHDT	1	67	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	40	Diesel
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	Truck, End Dump, 10-13cy, Hwy	HHDT	6	278	Diesel
KingIslandOpt10_Shaft_E-3	Shafts	King Island Shaft Alt 4a	Highway Dump Truck 18 CY	HHDT	1	37	Diesel
KingIslandOpt10_Shaft_E-4	Shafts	King Island Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	8	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	34	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	Concrete Pump Truck	MHDT	1	60	Diesel
KingIslandOpt10_Shaft_E-14	Shafts	King Island Shaft Alt 4a	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	Cat 10mgal w/Cat 770, 511HP	MHDT	1	23	Diesel
LowerRobertsOpt10_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4a	Truck, End Dump, 10-13cy, Hwy	HHDT	1	25	Diesel
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Concrete Pump Truck	MHDT	1	11	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	36	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	Concrete Pump Truck	MHDT	1	62	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
LowerRobertsOpt10_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4a	CAT 730 Rear Dump	HHDT	5	261	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	42	Diesel
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	Truck, End Dump, 10-13cy, Hwy	HHDT	13	646	Diesel
TerminousOpt10_Shaft_E-4	Shafts	Terminous Shaft Alt 4a	CAT 730 Rear Dump	HHDT	2	101	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	34	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	34	Diesel
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	Concrete Pump Truck	MHDT	1	67	Diesel
TerminousOpt10_Shaft_E-7	Shafts	Terminous Shaft Alt 4a	Highway Flatbed 10 Ton	HHDT	1	2	Diesel
TerminousOpt10_Shaft_E-14	Shafts	Terminous Shaft Alt 4a	Highway Flatbed 10 Ton	HHDT	1	45	Diesel
UpperJonesOpt10_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	9	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	CAT 730 Rear Dump	HHDT	1	30	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
UpperJonesOpt10_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4a	Concrete Pump Truck	MHDT	1	56	Diesel
BaconOpt7_Shaft_C-5	Shafts	Bacon Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	6	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	25	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
BaconOpt7_Shaft_C-7	Shafts	Bacon Shaft Alt 2c	Concrete Pump Truck	MHDT	1	50	Diesel
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	Concrete Pump Truck	MHDT	1	10	Diesel
BouldinOpt7_Shaft_C-7	Shafts	Bouldin Shaft Alt 2c	Concrete Pump Truck	MHDT	1	37	Diesel
BouldinOpt7_Shaft_C-8	Shafts	Bouldin Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	41	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	35	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	Concrete Pump Truck	MHDT	1	61	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	9	Diesel
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	Truck, End Dump, 10-13cy, Hwy	HHDT	4	222	Diesel
CanalRanchOpt8_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	8	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	31	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
CanalRanchOpt8_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4c	Concrete Pump Truck	MHDT	1	54	Diesel
KingIslandOpt8_Shaft_E-3	Shafts	King Island Shaft Alt 4c	Highway Dump Truck 18 CY	HHDT	1	32	Diesel
KingIslandOpt8_Shaft_E-4	Shafts	King Island Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	8	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	32	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	Concrete Pump Truck	MHDT	1	56	Diesel
KingIslandOpt8_Shaft_E-14	Shafts	King Island Shaft Alt 4c	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	Cat 10mgal w/Cat 770, 511HP	MHDT	1	23	Diesel
LowerRobertsOpt8_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4c	Truck, End Dump, 10-13cy, Hwy	HHDT	1	25	Diesel
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Concrete Pump Truck	MHDT	1	11	Diesel
LowerRobertsOpt8_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	43	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	34	Diesel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	Concrete Pump Truck	MHDT	1	60	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	21	Diesel
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	Truck, End Dump, 10-13cy, Hwy	HHDT	7	330	Diesel
MandIslandOpt7_Shaft_C-4	Shafts	Mandeville Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	9	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	21	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	19	Diesel
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	Concrete Pump Truck	MHDT	1	37	Diesel
NewHopeOpt7_Shaft_C-4	Shafts	New Hope Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	7	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	35	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	Concrete Pump Truck	MHDT	1	62	Diesel
NewHopeOpt8_Shaft_E-4	Shafts	New Hope Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	7	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	29	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	29	Diesel
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	Concrete Pump Truck	MHDT	1	51	Diesel
StatenIslandOpt7_Shaft_C-4	Shafts	Staten Island Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	7	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	24	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	24	Diesel
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	Concrete Pump Truck	MHDT	1	47	Diesel
TerminousOpt8_Shaft_E-4	Shafts	Terminous Shaft Alt 4c	CAT 730 Rear Dump	HHDT	2	93	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	31	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	Concrete Pump Truck	MHDT	1	62	Diesel
TerminousOpt8_Shaft_E-7	Shafts	Terminous Shaft Alt 4c	Highway Flatbed 10 Ton	HHDT	1	2	Diesel
TerminousOpt8_Shaft_E-14	Shafts	Terminous Shaft Alt 4c	Highway Flatbed 10 Ton	HHDT	1	42	Diesel
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt7_Shaft_C-3	Shafts	Twin Cities Shaft Alt 2c	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOpt7_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2c	Truck, End Dump, 10-13cy, Hwy	HHDT	1	54	Diesel
TwinCitiesOpt7_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2c	Truck, End Dump, 10-13cy, Hwy	HHDT	3	165	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	34	Diesel
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel
TwinCitiesOpt7_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	49	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	CAT 730 Rear Dump	HHDT	1	30	Diesel
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 725 Tractor, 320hp	HHDT	1	26	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	Truck, End Dump, 10-13cy, Hwy	HHDT	6	305	Diesel
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	24	Diesel
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOpt8_Shaft_E-3	Shafts	Twin Cities Shaft Alt 4c	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
TwinCitiesOpt8_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4c	Truck, End Dump, 10-13cy, Hwy	HHDT	1	54	Diesel
TwinCitiesOpt8_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4c	Truck, End Dump, 10-13cy, Hwy	HHDT	3	165	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	34	Diesel
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	30	Diesel
TwinCitiesOpt8_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	49	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	30	Diesel
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 725 Tractor, 320hp	HHDT	1	26	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	Truck, End Dump, 10-13cy, Hwy	HHDT	7	325	Diesel
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	26	Diesel
UpperJonesOpt8_Shaft_E-4	Shafts	Upper Jones Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	6	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	CAT 730 Rear Dump	HHDT	1	25	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	22	Diesel
UpperJonesOpt8_Shaft_E-6	Shafts	Upper Jones Shaft Alt 4c	Concrete Pump Truck	MHDT	1	47	Diesel
MandIsland_Access_C-1	Roads	Mandeville Access Central	CAT 730 30T, Articulated End Dump	HHDT	5	238	Diesel
MandIsland_Access_C-2	Roads	Mandeville Access Central	Cat 10mgal w/Cat 770, 511HP	MHDT	1	29	Diesel
MandIsland_Access_C-4	Roads	Mandeville Access Central	Truck, End Dump, 10-13cy, Hwy	HHDT	1	27	Diesel
MandIsland_Access_C-6	Roads	Mandeville Access Central	CAT 730 30T, Articulated End Dump	HHDT	14	716	Diesel
MandIsland_Access_C-7	Roads	Mandeville Access Central	Cat 10mgal w/Cat 770, 511HP	MHDT	1	62	Diesel
MandIsland_Access_C-13	Roads	Mandeville Access Central	CAT 730 30T, Articulated End Dump	HHDT	12	622	Diesel
MandIsland_Access_C-14	Roads	Mandeville Access Central	Cat 10mgal w/Cat 770, 511HP	MHDT	1	37	Diesel
MandIsland_Access_C-16	Roads	Mandeville Access Central	Truck, End Dump, 10-13cy, Hwy	HHDT	1	28	Diesel
MandIsland_Access_C-18	Roads	Mandeville Access Central	CAT 730 30T, Articulated End Dump	HHDT	4	203	Diesel
MandIsland_Access_C-20	Roads	Mandeville Access Central	Cat 10mgal w/Cat 770, 511HP	MHDT	1	35	Diesel
NewHope_Access_E-1	Roads	New Hope Access Eastern	CAT 730 30T, Articulated End Dump	HHDT	5	238	Diesel
CanalRanch_Access_E-1	Roads	Canal Ranch Access Eastern	CAT 730 30T, Articulated End Dump	HHDT	5	229	Diesel
CanalRanch_Access_E-4	Roads	Canal Ranch Access Eastern	Truck, End Dump, 10-13cy, Hwy	HHDT	1	24	Diesel
Terminous_Access_E-1	Roads	Terminous Access Eastern	CAT 730 30T, Articulated End Dump	HHDT	2	86	Diesel
Terminous_Access_E-1	Roads	Terminous Access Eastern	Truck, End Dump, 10-13cy, Hwy	HHDT	3	128	Diesel
UpperJones_Access_E-1	Roads	Upper Jones Access Eastern	CAT 730 30T, Articulated End Dump	HHDT	5	250	Diesel
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	Cat 10mgal w/Cat 770, 511HP	MHDT	1	22	Diesel
Bouldin_Access_C-1	Roads	Bouldin Access Central	CAT 730 30T, Articulated End Dump	HHDT	5	233	Diesel
SR12_Access_C-1	Roads	SR12 Access Central	CAT 730 30T, Articulated End Dump	HHDT	5	273	Diesel
LowerRoberts_Access_E-1	Roads	Lower Roberts Access Eastern	CAT 730 30T, Articulated End Dump	HHDT	5	243	Diesel
Dierssen_Access-1	Roads	Dierssen Access	CAT 730 30T, Articulated End Dump	HHDT	3	129	Diesel
Franklin_Access-1	Roads	Franklin Access	CAT 730 30T, Articulated End Dump	HHDT	8	377	Diesel
TwinCities_Access-1	Roads	Twin Cities Access	CAT 730 30T, Articulated End Dump	HHDT	2	99	Diesel
Lambert_Access-1	Roads	Lambert Access	CAT 730 30T, Articulated End Dump	HHDT	6	283	Diesel
LambertI5_Access-1	Roads	Lambert to I5 Access	CAT 730 30T, Articulated End Dump	HHDT	2	112	Diesel
I5I3_Access-1	Roads	I5 to I3 Access	CAT 730 30T, Articulated End Dump	HHDT	2	124	Diesel
I3I2_Access-1	Roads	I3 to I2 Access	CAT 730 30T, Articulated End Dump	HHDT	1	33	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
DiscovBay_Access-1	Roads	Discovery Bay Access	CAT 730 30T, Articulated End Dump	HHDT	3	132	Diesel
WesternFarm_Access-1	Roads	Western Farm Access	CAT 730 30T, Articulated End Dump	HHDT	5	244	Diesel
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	Truck & Bottom Dump, 21cy, 30T	HHDT	1	66	Diesel
BethanyPR-1	Park and Rides	Bethany PR	CAT 730 30T, Articulated End Dump	HHDT	2	94	Diesel
CWPR-1	Park and Rides	Charter Way PR	CAT 730 30T, Articulated End Dump	HHDT	1	44	Diesel
RVPR-1	Park and Rides	Rio Vista PR	CAT 730 30T, Articulated End Dump	HHDT	2	107	Diesel
RVPR-2	Park and Rides	Rio Vista PR	Cat 10mgal w/Cat 770, 511HP	MHDT	1	19	Diesel
BPR-1	Park and Rides	Byron PR	CAT 730 30T, Articulated End Dump	HHDT	2	81	Diesel
BPR-2	Park and Rides	Byron PR	Cat 10mgal w/Cat 770, 511HP	MHDT	1	10	Diesel
HFPR-1	Park and Rides	Hood Franklin PR	CAT 730 30T, Articulated End Dump	HHDT	1	15	Diesel
HFPR-2	Park and Rides	Hood Franklin PR	Cat 10mgal w/Cat 770, 511HP	MHDT	1	2	Diesel
Intake3_3kcfs-1	Intakes	Intake 3 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	19	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	CAT 770, Articulated End dump	HHDT	1	1	Diesel
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	1	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	109	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	4	Diesel
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	8	Diesel
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	Truck & Bottom Dump, 21cy, 30T	HHDT	1	24	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	95	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	1	Diesel
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Truck, 400hp & End Dump Tr, 28cy, 36T	HHDT	1	28	Diesel
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	46	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	58	Diesel
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 50T	HHDT	1	14	Diesel
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	2	Diesel
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 50T	HHDT	1	3	Diesel
Intake3_3kcfs-17	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	4	222	Diesel
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 50T	HHDT	1	14	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	2	Diesel
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	12	Diesel
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	1	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	1	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	6	Diesel
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	1	Diesel
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	CAT 725 Tractor, 320hp	HHDT	1	18	Diesel
Intake5_3kcfs-1	Intakes	Intake 5 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	19	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	CAT 770, Articulated End dump	HHDT	1	1	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	1	Diesel
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	3	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	90	Diesel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	2	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	8	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	37	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	1	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Truck, 400hp & End Dump Tr, 28cy, 36T	HHDT	1	13	Diesel
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	1	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	35	Diesel
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	6	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	77	Diesel
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 50T	HHDT	1	18	Diesel
Intake5_3kcfs-13	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 50T	HHDT	1	2	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	21	Diesel
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 50T	HHDT	1	2	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	2	Diesel
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	11	Diesel
Intake5_3kcfs-16	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	4	222	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	1	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	4	203	Diesel
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Trailer, Flatbed, 40T	HHDT	1	9	Diesel
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	Trailer, Lowboy, 120T	HHDT	1	2	Diesel
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	CAT 725 Tractor, 320hp	HHDT	1	19	Diesel
Intake2_1.5kcfs-1	Intakes	Intake 2 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	24	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT 770, Articulated End dump	HHDT	1	1	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	CAT735, 35T, Articulated End Dump	HHDT	1	1	Diesel
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	4	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	131	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	5	Diesel
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	9	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	117	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	1	Diesel
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Truck, 400hp & End Dump Tr, 28cy, 36T	HHDT	1	6	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	CAT 730 Rear Dump	HHDT	1	6	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	73	Diesel
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 50T	HHDT	1	17	Diesel
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 50T	HHDT	1	2	Diesel
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	2	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	15	Diesel
Intake2_1.5kcfs-16	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	6	286	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	1	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	161	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	13	Diesel
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	12	Diesel
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	2	Diesel
Intake5_1.5kcfs-1	Intakes	Intake 5 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	12	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	1	Diesel
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	4	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	79	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	3	Diesel
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	7	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	60	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	4	Diesel
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Truck, 400hp & End Dump Tr, 28cy, 36T	HHDT	1	21	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	CAT 730 Rear Dump	HHDT	1	12	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	26	Diesel
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 50T	HHDT	1	6	Diesel
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 50T	HHDT	1	2	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	23	Diesel
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 50T	HHDT	1	2	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	2	Diesel
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	11	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	58	Diesel
Intake5_1.5kcfs-16	Intakes	Intake 5 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	2	115	Diesel
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	1	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	96	Diesel
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Trailer, Flatbed, 40T	HHDT	1	16	Diesel
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	Trailer, Lowboy, 120T	HHDT	1	3	Diesel
Lambert_BatchPlantOpt12-1	Batch Plants	Lambert Road Batch Plant Alts 1-3	CAT 730 30T, Articulated End Dump	HHDT	13	639	Diesel
Lambert_BatchPlantOpt12-1	Batch Plants	Lambert Road Batch Plant Alts 1-3	Truck, End Dump, 10-13cy, Hwy	HHDT	13	639	Diesel
Lambert_BatchPlantOpt56-1	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	CAT 730 30T, Articulated End Dump	HHDT	13	639	Diesel
Lambert_BatchPlantOpt56-1	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	Truck, End Dump, 10-13cy, Hwy	HHDT	13	639	Diesel
Lambert_BatchPlantOpt78-1	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	CAT 730 30T, Articulated End Dump	HHDT	13	639	Diesel
Lambert_BatchPlantOpt78-1	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	Truck, End Dump, 10-13cy, Hwy	HHDT	13	639	Diesel
Lambert_BatchPlantOpt910-1	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	CAT 730 30T, Articulated End Dump	HHDT	13	639	Diesel
Lambert_BatchPlantOpt910-1	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	Truck, End Dump, 10-13cy, Hwy	HHDT	13	639	Diesel
SComplexWByron-1	Southern Complex	S. Complex W. Byron Hwy	CAT 740 40T, Articulated End dump	HHDT	1	7	Diesel
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	Truck, End Dump, 10-13cy, Hwy	HHDT	1	11	Diesel
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	74	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	36	Diesel
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	CAT 730 Rear Dump	HHDT	2	75	Diesel
SComplexWByron-7	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	42	Diesel
SComplexWByron-9	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	8	Diesel
SComplexWByron-11	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	17	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	20	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	CAT 730 Rear Dump	HHDT	1	63	Diesel
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	10	Diesel
SComplexWByron-13	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	38	Diesel
SComplexWByron-15	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	7	Diesel
SComplexWByron-17	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	23	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 22 CY/CAT 730	HHDT	5	259	Diesel
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	CAT735, 35T, Articulated End Dump	HHDT	2	100	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	45	Diesel
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	CAT735, 35T, Articulated End Dump	HHDT	1	7	Diesel
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Truck, End Dump, 16-20cy, Hwy	HHDT	1	33	Diesel
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	3	148	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	3	Diesel
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	12	Diesel
SComplexWByron-25	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 22 CY/CAT 730	HHDT	9	471	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 22 CY/CAT 730	HHDT	4	201	Diesel
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	36	Diesel
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Concrete Pump Truck	MHDT	1	19	Diesel
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	Articulated Rear Dump 6mg/CAT 725	HHDT	1	25	Diesel
SComplexWByronOpt9-10-1	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 740 40T, Articulated End dump	HHDT	1	8	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Truck, End Dump, 10-13cy, Hwy	HHDT	1	10	Diesel
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Trailer, Flatbed, 40T	HHDT	1	19	Diesel
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	11	552	Diesel
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	7	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	14	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	28	Diesel
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 730 Rear Dump	HHDT	1	17	Diesel
SComplexWByronOpt9-10-9	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	9	Diesel
SComplexWByronOpt9-10-11	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	19	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	16	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT 730 Rear Dump	HHDT	1	10	Diesel
SComplexWByronOpt9-10-12	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexWByronOpt9-10-15	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	7	Diesel
SComplexWByronOpt9-10-17	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	45	Diesel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	8	403	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT735, 35T, Articulated End Dump	HHDT	1	34	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	47	Diesel
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT735, 35T, Articulated End Dump	HHDT	3	166	Diesel
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Truck, End Dump, 16-20cy, Hwy	HHDT	1	12	Diesel
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	37	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT735, 35T, Articulated End Dump	HHDT	15	732	Diesel
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	15	Diesel
SComplexWByronOpt9-10-24	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Trailer, Flatbed, 120T	HHDT	1	28	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	9	468	Diesel
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	17	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	9	440	Diesel
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	4	186	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	158	Diesel
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	2	118	Diesel
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Concrete Pump Truck	MHDT	1	1	Diesel
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 6mg/CAT 725	HHDT	1	27	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Truck, End Dump, 16-20cy, Hwy	HHDT	1	3	Diesel
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	204	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Trailer, Lowboy, 50T	HHDT	1	96	Diesel
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	64	Diesel
SComplexWByronOpt9-10-41	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Truck, End Dump, 16-20cy, Hwy	HHDT	1	16	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Cat 10mgal w/Cat 770, 511HP	HHDT	1	1	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	145	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	CAT735, 35T, Articulated End Dump	HHDT	1	5	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Trailer, Lowboy, 50T	HHDT	1	28	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Trailer, Lowboy, 120T	HHDT	1	2	Diesel
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Truck, End Dump, 16-20cy, Hwy	HHDT	1	6	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	51	Diesel
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	Truck & Bottom Dump, 21cy, 30T	HHDT	1	56	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	26	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	CAT735, 35T, Articulated End Dump	HHDT	1	4	Diesel
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	CAT 770 Dump	HHDT	1	5	Diesel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Trailer, Lowboy, 50T	HHDT	1	63	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	44	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	CAT773, 57.7T, End Dump	HHDT	1	9	Diesel
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 735	HHDT	2	101	Diesel
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt1-22	Southern Complex	S. Complex Byron Tract Alt 1	Trailer, Lowboy, 50T	HHDT	1	5	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	139	Diesel
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	12	Diesel
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	933	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	CAT735, 35T, Articulated End Dump	HHDT	3	149	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Trailer, Lowboy, 50T	HHDT	1	3	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	108	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Cat 770, 511HP	HHDT	1	2	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	Trailer, Lowboy, 50T	HHDT	1	8	Diesel
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Transit Mix Truck' 12cy	MHDT	1	7	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	15	Diesel
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	43	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	Truck & Bottom Dump, 21cy, 30T	HHDT	1	48	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	23	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	1	4	Diesel
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	CAT 770 Dump	HHDT	1	5	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 50T	HHDT	1	63	Diesel
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	44	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	CAT773, 57.7T, End Dump	HHDT	1	9	Diesel
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	19	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 735	HHDT	2	101	Diesel
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt2-22	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 50T	HHDT	1	5	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	151	Diesel
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	13	Diesel
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	933	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	3	149	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 50T	HHDT	1	4	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	134	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Cat 770, 511HP	HHDT	1	2	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	6	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 50T	HHDT	1	8	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	7	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	15	Diesel
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	44	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	1	6	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT773, 57.7T, End Dump	HHDT	1	9	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	10	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	17	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	28	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	1	34	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	10	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Tunnel Utliity Truck	MHDT	2	160	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	2	192	Diesel
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Tunnel Utliity Truck	MHDT	1	125	Diesel
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	26	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	13	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	32	Diesel
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	1	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	16	Diesel
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	6	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	Cat 770, 511HP	HHDT	1	6	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	8	425	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	19	Diesel
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	CAT777, 100T, End Dump	HHDT	1	3	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	12	Diesel
SComplexByronOpt2-37	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	20	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	16	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	22	Diesel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	15	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	2	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Concrete Transit Mix Truck' 12cy	MHDT	1	11	Diesel
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	16	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	CAT735, 35T, Articulated End Dump	HHDT	4	218	Diesel
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	5	234	Diesel
SComplexByronOpt2-44	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Lowboy, 120T	HHDT	1	4	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	Cat 770, 511HP	HHDT	1	1	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	12	Diesel
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	1	3	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	CAT 725 Tractor, 320hp	HHDT	1	13	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Trailer, Flatbed, 40T	HHDT	1	4	Diesel
SComplexByronOpt2-47	Southern Complex	S. Complex Byron Tract Alt 3	Truck, End Dump, 10-13cy, Hwy	HHDT	2	84	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	43	Diesel
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	Truck & Bottom Dump, 21cy, 30T	HHDT	1	48	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	17	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 770, 511HP	HHDT	1	24	Diesel
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	48	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	CAT735, 35T, Articulated End Dump	HHDT	1	4	Diesel
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	11	561	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 770 Dump	HHDT	1	3	Diesel
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	7	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Trailer, Lowboy, 50T	HHDT	1	61	Diesel
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	47	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	CAT773, 57.7T, End Dump	HHDT	1	10	Diesel
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	13	Diesel
SComplexByronOpt5-15A	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	57	Diesel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	21	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 735	HHDT	5	251	Diesel
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	10	Diesel
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt5-22	Southern Complex	S. Complex Byron Tract Alt 2b	Trailer, Lowboy, 50T	HHDT	1	4	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	126	Diesel
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	11	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	7	Diesel
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 735	HHDT	21	1,057	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	CAT735, 35T, Articulated End Dump	HHDT	4	219	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Trailer, Lowboy, 50T	HHDT	1	3	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	103	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Cat 770, 511HP	HHDT	1	8	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	Trailer, Lowboy, 50T	HHDT	1	23	Diesel
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Transit Mix Truck' 12cy	MHDT	1	16	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	27	Diesel
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	38	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	43	Diesel
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	Truck & Bottom Dump, 21cy, 30T	HHDT	1	48	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	17	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 770, 511HP	HHDT	1	23	Diesel
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	45	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	CAT735, 35T, Articulated End Dump	HHDT	1	5	Diesel
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 770, 511HP	HHDT	1	5	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	12	594	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 770 Dump	HHDT	1	4	Diesel
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	7	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Trailer, Lowboy, 50T	HHDT	1	62	Diesel
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	47	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	CAT773, 57.7T, End Dump	HHDT	1	10	Diesel
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt6-15A	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	57	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 735	HHDT	2	106	Diesel
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	10	Diesel
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt6-22	Southern Complex	S. Complex Byron Tract Alt 4b	Trailer, Lowboy, 50T	HHDT	1	4	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	175	Diesel
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	15	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	7	Diesel
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	315	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	CAT735, 35T, Articulated End Dump	HHDT	2	77	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Trailer, Lowboy, 50T	HHDT	1	8	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	6	279	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Cat 770, 511HP	HHDT	1	20	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	12	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	Trailer, Lowboy, 50T	HHDT	1	16	Diesel
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Transit Mix Truck' 12cy	MHDT	1	16	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	27	Diesel
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt6-45	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	40	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	43	Diesel
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	Truck & Bottom Dump, 21cy, 30T	HHDT	1	48	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	24	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 770, 511HP	HHDT	1	28	Diesel
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	57	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	CAT735, 35T, Articulated End Dump	HHDT	1	5	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 770, 511HP	HHDT	1	5	Diesel
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	26	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	13	636	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 770 Dump	HHDT	1	4	Diesel
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	1	68	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	19	Diesel
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	2	104	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	47	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	CAT773, 57.7T, End Dump	HHDT	1	10	Diesel
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	18	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	21	Diesel
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	32	Diesel
SComplexByronOpt9-15A	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	3	138	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 770 Dump	HHDT	1	6	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 735	HHDT	2	108	Diesel
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	33	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	9	Diesel
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Pump Truck	MHDT	1	4	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	12	Diesel
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt9-22	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	1	5	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	139	Diesel
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	12	Diesel
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	463	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	CAT735, 35T, Articulated End Dump	HHDT	3	150	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	1	4	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	125	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Cat 770, 511HP	HHDT	1	2	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	Trailer, Lowboy, 50T	HHDT	1	8	Diesel
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	13	Diesel
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	22	Diesel
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	12	Diesel
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	35	Diesel
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	40	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	7	Diesel
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	Concrete Transit Mix Truck' 12cy	MHDT	1	16	Diesel
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	43	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	Truck & Bottom Dump, 21cy, 30T	HHDT	1	48	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	24	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 770, 511HP	HHDT	1	28	Diesel
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	57	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	CAT735, 35T, Articulated End Dump	HHDT	1	5	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 770, 511HP	HHDT	1	5	Diesel
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	26	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	13	645	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 770 Dump	HHDT	1	4	Diesel
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	1	68	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	19	Diesel
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	2	104	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	47	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	CAT773, 57.7T, End Dump	HHDT	1	10	Diesel
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	18	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	21	Diesel
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	32	Diesel
SComplexByronOpt10-15A	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	3	138	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 770 Dump	HHDT	1	6	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 735	HHDT	2	108	Diesel
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	33	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	9	Diesel
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	9	Diesel
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Pump Truck	MHDT	1	4	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	12	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt10-22	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	1	5	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	174	Diesel
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	15	Diesel
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	469	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	CAT735, 35T, Articulated End Dump	HHDT	3	150	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	1	4	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	125	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Cat 770, 511HP	HHDT	1	2	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	Trailer, Lowboy, 50T	HHDT	1	8	Diesel
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	13	Diesel
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	22	Diesel
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	18	Diesel
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	37	Diesel
SComplexByronOpt10-45	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	44	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	7	Diesel
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	Concrete Transit Mix Truck' 12cy	MHDT	1	17	Diesel
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	43	Diesel
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	Truck & Bottom Dump, 21cy, 30T	HHDT	1	48	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	24	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 770, 511HP	HHDT	2	100	Diesel
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 735	HHDT	4	200	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Transit Mix Truck' 12cy	MHDT	1	40	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	CAT735, 35T, Articulated End Dump	HHDT	1	4	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Transit Mix Truck' 12cy	MHDT	1	29	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	12	581	Diesel
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 770 Dump	HHDT	1	4	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	1	64	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	2	99	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	45	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	CAT773, 57.7T, End Dump	HHDT	1	9	Diesel
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	17	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	19	Diesel
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Transit Mix Truck' 12cy	MHDT	1	29	Diesel
SComplexByronOpt7-15A	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	3	132	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 770 Dump	HHDT	1	5	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 735	HHDT	2	101	Diesel
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	31	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	9	Diesel
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Pump Truck	MHDT	1	3	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Transit Mix Truck' 12cy	MHDT	1	11	Diesel
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	14	Diesel
SComplexByronOpt7-22	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	1	5	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	139	Diesel
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	12	Diesel
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	355	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	CAT735, 35T, Articulated End Dump	HHDT	3	150	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	1	3	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	108	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Cat 770, 511HP	HHDT	1	2	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	Trailer, Lowboy, 50T	HHDT	1	8	Diesel
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Transit Mix Truck' 12cy	MHDT	1	35	Diesel
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	11	Diesel
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Transit Mix Truck' 12cy	MHDT	1	32	Diesel
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	40	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	15	Diesel
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 770, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	43	Diesel
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	Truck & Bottom Dump, 21cy, 30T	HHDT	1	48	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 770, Articulated End dump	HHDT	1	2	Diesel
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	24	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 770, 511HP	HHDT	2	100	Diesel
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 735	HHDT	4	200	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	1	1	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Transit Mix Truck' 12cy	MHDT	1	40	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	CAT735, 35T, Articulated End Dump	HHDT	1	4	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Transit Mix Truck' 12cy	MHDT	1	29	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	12	581	Diesel
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 770 Dump	HHDT	1	4	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	1	64	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	18	Diesel
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	2	99	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	1	10	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	45	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	6	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	CAT773, 57.7T, End Dump	HHDT	1	9	Diesel
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	17	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	19	Diesel
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Transit Mix Truck' 12cy	MHDT	1	29	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
SComplexByronOpt8-15A	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	3	132	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 770 Dump	HHDT	1	5	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 735	HHDT	2	101	Diesel
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	31	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	5	Diesel
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	9	Diesel
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	8	Diesel
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Pump Truck	MHDT	1	3	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 770 Dump	HHDT	1	1	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	4	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	1	Diesel
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Transit Mix Truck' 12cy	MHDT	1	11	Diesel
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Tremie Concrete Transit Mix Truck' 12cy	MHDT	1	14	Diesel
SComplexByronOpt8-22	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	1	5	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	3	139	Diesel
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	12	Diesel
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 735	HHDT	1	362	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 770 Dump	HHDT	1	41	Diesel
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 769, 41.6T End Dump	HHDT	2	98	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	CAT735, 35T, Articulated End Dump	HHDT	3	150	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 770, 511HP	HHDT	1	4	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	83	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	CAT735, 35T, Articulated End Dump	HHDT	1	8	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	1	15	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	1	3	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	2	108	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Cat 770, 511HP	HHDT	1	2	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	5	Diesel
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	Trailer, Lowboy, 50T	HHDT	1	8	Diesel
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	3	Diesel
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Transit Mix Truck' 12cy	MHDT	1	7	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	12	Diesel
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Transit Mix Truck' 12cy	MHDT	1	34	Diesel
SComplexByronOpt8-45	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	40	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	6	Diesel
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	Concrete Transit Mix Truck' 12cy	MHDT	1	15	Diesel
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	CAT 740 40T, Articulated End dump	HHDT	1	4	Diesel
BethAqueductOptB2B10-01	Aqueduct	Bethany Aqueduct	Highway Flatbed 10 Ton	HHDT	1	40	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
BethAqueductOptB2B10-02	Aqueduct	Bethany Aqueduct	Highway Flatbed 10 Ton	HHDT	1	27	Diesel
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	CAT 730 Rear Dump	HHDT	1	17	Diesel
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	CAT 730 Rear Dump	HHDT	1	18	Diesel
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	CAT 730 Rear Dump	HHDT	1	17	Diesel
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	Mechanic Maintenance Truck	MHDT	1	46	Diesel
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	Mechanic Maintenance Truck	MHDT	1	48	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Highway Flatbed 10 Ton	HHDT	1	29	Diesel
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Pipe Transport Truck	MHDT	1	54	Diesel
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	CAT 730 Rear Dump	HHDT	1	17	Diesel
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	CAT 730 Rear Dump	HHDT	2	109	Diesel
BethAqueductOptB2B10-18	Aqueduct	Bethany Aqueduct	Highway Flatbed 10 Ton	HHDT	1	3	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	CAT 730 30T, Articulated End Dump	HHDT	5	237	Diesel
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	Truck, End Dump, 16-20cy, Hwy	HHDT	1	52	Diesel
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	Cat 10mgal w/Cat 770, 511HP	MHDT	1	25	Diesel
BethComplex_N_Access_B-04	Roads	Bethany Complex N Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	7	Diesel
BethComplex_N_Access_B-06	Roads	Bethany Complex N Access	Truck, Flatbed, 4T, Hwy	HHDT	2	89	Diesel
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	CAT 730 30T, Articulated End Dump	HHDT	2	107	Diesel
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	71	Diesel
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	Truck, Flatbed, 4T, Hwy	HHDT	3	153	Diesel
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	Cat 10mgal w/Cat 770, 511HP	MHDT	1	24	Diesel
BethComplex_S_Access_B-06	Roads	Bethany Complex S Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	29	Diesel
Franklin_Access_B-01	Roads	Bethany Franklin Access	CAT 730 30T, Articulated End Dump	HHDT	4	210	Diesel
Franklin_Access_B-02	Roads	Bethany Franklin Access	Cat 10mgal w/Cat 770, 511HP	MHDT	1	11	Diesel
Franklin_Access_B-04	Roads	Bethany Franklin Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	12	Diesel
Kelso_Access_B-01	Roads	Bethany Kelso Access	CAT 730 30T, Articulated End Dump	HHDT	5	242	Diesel
Kelso_Access_B-02	Roads	Bethany Kelso Access	Cat 10mgal w/Cat 770, 511HP	MHDT	1	21	Diesel
Kelso_Access_B-04	Roads	Bethany Kelso Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	23	Diesel
LowerRobert_Access_B-01	Roads	Bethany Lower Roberts Access	CAT 730 30T, Articulated End Dump	HHDT	5	239	Diesel
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	Cat 10mgal w/Cat 770, 511HP	MHDT	1	24	Diesel
LowerRobert_Access_B-05	Roads	Bethany Lower Roberts Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	24	Diesel
LowerRobert_RailAccess_B-02	Rail	Bethany Lower Roberts Rail Access	Truck, Flatbed, 4T, Hwy	HHDT	1	55	Diesel
LowerRobert_RailAccess_B-03	Rail	Bethany Lower Roberts Rail Access	CAT 730 30T, Articulated End Dump	HHDT	11	570	Diesel
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	Cat 10mgal w/Cat 770, 511HP	MHDT	1	25	Diesel
LowerRobert_RailAccess_B-05	Rail	Bethany Lower Roberts Rail Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	24	Diesel
LowerRobert_RailAccess_B-06	Rail	Bethany Lower Roberts Rail Access	Truck & Bottom Dump, 21cy, 30T	HHDT	4	191	Diesel
LowerRobert_RailAccess_B-07	Rail	Bethany Lower Roberts Rail Access	Truck & Bottom Dump, 21cy, 30T	HHDT	4	197	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	4	Diesel
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	29	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	1	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	16	Diesel
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Trucking Off Highway CAT 730	HHDT	1	73	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
LowerRobertOptB2_Shaft_B-06	Shafts	Lower Roberts Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	51	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	45	Diesel
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	4	Diesel
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	59	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	CAT 740 40T, Articulated End dump	HHDT	1	12	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Truck, End Dump, 10-13cy, Hwy	HHDT	2	99	Diesel
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	Cat 6 mgal w/ CAT 725 Tractor, 320hp	MHDT	1	16	Diesel
BethReservoir_Access_B-01	Roads	Bethany Reservoir Access	CAT 730 30T, Articulated End Dump	HHDT	5	246	Diesel
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	Cat 10mgal w/Cat 770, 511HP	MHDT	1	25	Diesel
BethReservoir_Access_B-04	Roads	Bethany Reservoir Access	Truck, End Dump, 10-13cy, Hwy	HHDT	1	23	Diesel
BethReservoirOptB2B10-01	Bethany Reservoir	Bethany Reservoir	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
BethReservoirOptB2B10-01	Bethany Reservoir	Bethany Reservoir	Truck Flatbed 4 Ton	HHDT	1	50	Diesel
BethReservoirOptB2B10-03	Bethany Reservoir	Bethany Reservoir	Mechanic Maintenance Truck	MHDT	1	27	Diesel
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	Highway Flatbed 10 Ton	HHDT	1	2	Diesel
BethReservoirOptB2B10-07	Bethany Reservoir	Bethany Reservoir	Highway Flatbed 10 Ton	HHDT	1	5	Diesel
BethReservoirOptB2B10-10	Bethany Reservoir	Bethany Reservoir	Highway Flatbed 10 Ton	HHDT	1	47	Diesel
BethReservoirOptB2B10-10	Bethany Reservoir	Bethany Reservoir	Truck Flatbed 4 Ton	HHDT	1	47	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	Highway Flatbed 10 Ton	HHDT	1	36	Diesel
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	Truck Flatbed 4 Ton	HHDT	1	18	Diesel
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	Truck Flatbed 4 Ton	HHDT	1	62	Diesel
UnionOptB2_Shaft_B-05	Shafts	Union Island Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	8	Diesel
UnionOptB2_Shaft_B-07	Shafts	Union Island Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	43	Diesel
UnionOptB2_Shaft_B-09	Shafts	Union Island Shaft Alt 5	Trucking Off Highway CAT 730	HHDT	4	206	Diesel
UnionOptB2_Shaft_B-15	Shafts	Union Island Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	36	Diesel
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	Truck Flatbed 4 Ton	HHDT	1	62	Diesel
UpperJonesOptB2_Shaft_B-05	Shafts	Upper Jones Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	8	Diesel
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	43	Diesel
UpperJonesOptB2_Shaft_B-10	Shafts	Upper Jones Shaft Alt 5	Trucking Off Highway CAT 730	HHDT	4	206	Diesel
UpperJonesOptB2_Shaft_B-15	Shafts	Upper Jones Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	36	Diesel
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	61	Diesel
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	Cat 10mgal w/Cat 770, 511HP	MHDT	1	20	Diesel
TwinCitiesOptB2_Shaft_B-3	Shafts	Twin Cities Shaft Alt 5	Truck, End Dump, 10-13cy, Hwy	HHDT	1	26	Diesel
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	Water Tranker	MHDT	1	50	Diesel
TwinCitiesOptB2_Shaft_B-7	Shafts	Twin Cities Shaft Alt 5	Truck, End Dump, 10-13cy, Hwy	HHDT	3	162	Diesel
TwinCitiesOptB2_Shaft_B-8	Shafts	Twin Cities Shaft Alt 5	Concrete Pump Truck	MHDT	1	43	Diesel
TwinCitiesOptB2_Shaft_B-9	Shafts	Twin Cities Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	14	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	36	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	Concrete Pump Truck	MHDT	6	314	Diesel
TwinCitiesOptB2_Shaft_B-11	Shafts	Twin Cities Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	46	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	31	Diesel
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	28	Diesel
TwinCitiesOptB2_Shaft_B-13	Shafts	Twin Cities Shaft Alt 5	CAT 730 Rear Dump	HHDT	5	265	Diesel
TwinCitiesOptB2_Shaft_B-16	Shafts	Twin Cities Shaft Alt 5	CAT 730 Rear Dump	HHDT	5	265	Diesel
TwinCitiesOptB2_Shaft_B-17	Shafts	Twin Cities Shaft Alt 5	Concrete Pump Truck	MHDT	1	46	Diesel
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	Truck, End Dump, 10-13cy, Hwy	HHDT	7	325	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	CAT 730 Rear Dump	HHDT	1	11	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Highway Flatbed 10 Ton	HHDT	1	1	Diesel
BethComplexOptB2-03	Bethany Complex	Bethany Complex	Trucking Off Highway CAT 730	HHDT	1	47	Diesel
BethComplexOptB2-05	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	3	165	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Cat 10mgal w/Cat 770, 511HP	MHDT	1	2	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Truck, End Dump, 10-13cy, Hwy	HHDT	1	23	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT 740 40T, Articulated End dump	HHDT	1	37	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	CAT735, 35T, Articulated End Dump	HHDT	1	2	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Truck & Bottom Dump, 21cy, 30T	HHDT	1	18	Diesel
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	3	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	36	36	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Truck, End Dump, 16-20cy, Hwy	HHDT	1	24	Diesel
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	9	9	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	All Terrain Vehicle	MHDT	1	33	Diesel
BethComplexOptB2-09	Bethany Complex	Bethany Complex	Fuel/Lube Truck	MHDT	1	19	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	7	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	CAT735, 35T, Articulated End Dump	HHDT	1	52	Diesel
BethComplexOptB2-10	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	7	Diesel
BethComplexOptB2-13	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	4	208	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	6	303	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Truck, End Dump, 16-20cy, Hwy	HHDT	1	11	Diesel
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	2	79	Diesel
BethComplexOptB2-15	Bethany Complex	Bethany Complex	Truck, End Dump, 10-13cy, Hwy	HHDT	1	14	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	4	176	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Truck, End Dump, 10-13cy, Hwy	HHDT	3	136	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	15	Diesel
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Welders Rig	MHDT	2	85	Diesel
BethComplexOptB2-17	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	17	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	2	103	Diesel
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	2	114	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	6	303	Diesel
BethComplexOptB2-19	Bethany Complex	Bethany Complex	Truck, End Dump, 10-13cy, Hwy	HHDT	1	11	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	26	Diesel
BethComplexOptB2-21	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	52	Diesel
BethComplexOptB2-22	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	1	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
BethComplexOptB2-23	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	20	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	74	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Truck, End Dump, 10-13cy, Hwy	HHDT	1	8	Diesel
BethComplexOptB2-25	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	14	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	28	Diesel
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Truck, End Dump, 10-13cy, Hwy	HHDT	1	14	Diesel
BethComplexOptB2-29	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	45	Diesel
BethComplexOptB2-30	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	56	Diesel
BethComplexOptB2-32	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	1	Diesel
BethComplexOptB2-33	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	2	Diesel
BethComplexOptB2-34	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	1	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT 730 30T, Articulated End Dump	HHDT	1	3	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	CAT735, 35T, Articulated End Dump	HHDT	1	3	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Line Truck	MHDT	4	203	Diesel
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Service Truck, 3./ 4 Ton	MHDT	1	51	Diesel
BethComplexOptB2-36	Bethany Complex	Bethany Complex	CAT 740 40T, Articulated End dump	HHDT	1	41	Diesel
BethComplexOptB2-37	Bethany Complex	Bethany Complex	Service Truck, 3./ 4 Ton	MHDT	3	135	Diesel
BethComplexOptB2-39	Bethany Complex	Bethany Complex	Service Truck, 3./ 4 Ton	MHDT	2	99	Diesel
BethComplexOptB2-40	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	11	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Truck, End Dump, 10-13cy, Hwy	HHDT	1	7	Diesel
BethComplexOptB2-41	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	11	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	CAT735, 35T, Articulated End Dump	HHDT	1	39	Diesel
BethComplexOptB2-42	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	2	Diesel
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Truck, Flatbed, 4T, Hwy	HHDT	1	13	Diesel
KingIslandOptB2_Shaft_B-3	Shafts	King Island Shaft Alt 5	Highway Dump Truck 18 CY	HHDT	1	34	Diesel
KingIslandOptB2_Shaft_B-4	Shafts	King Island Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	7	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	31	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	27	Diesel
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	Concrete Pump Truck	MHDT	1	54	Diesel
KingIslandOptB2_Shaft_B-8	Shafts	King Island Shaft Alt 5	Trucking Off Highway CAT 730	HHDT	1	156	Diesel
KingIslandOptB2_Shaft_B-9	Shafts	King Island Shaft Alt 5	Concrete Pump Truck	MHDT	1	29	Diesel
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	4	Diesel
KingIslandOptB2_Shaft_B-14	Shafts	King Island Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	43	Diesel
TerminousOptB2_Shaft_B-3	Shafts	Terminous Shaft Alt 5	Highway Dump Truck 18 CY	HHDT	1	34	Diesel
TerminousOptB2_Shaft_B-4	Shafts	Terminous Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	13	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	CAT 730 Rear Dump	HHDT	1	31	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	Articulated Rear Dump 22 CY/CAT 730	HHDT	1	31	Diesel
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	Concrete Pump Truck	MHDT	1	62	Diesel
TerminousOptB2_Shaft_B-7	Shafts	Terminous Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	2	Diesel
TerminousOptB2_Shaft_B-8	Shafts	Terminous Shaft Alt 5	Trucking Off Highway CAT 730	HHDT	1	28	Diesel
TerminousOptB2_Shaft_B-9	Shafts	Terminous Shaft Alt 5	Concrete Pump Truck	MHDT	1	7	Diesel

Code	Feature Category	Feature	Vehicle	Vehicle Category	Trips/Day [a]	Miles/Day [a]	Fuel
TerminousOptB2_Shaft_B-14	Shafts	Terminous Shaft Alt 5	Highway Flatbed 10 Ton	HHDT	1	50	Diesel
CM_Pond-1	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	15	45	Diesel
CM_Pond-2	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	20	60	Diesel
CM_Pond-3	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	20	60	Diesel
CM_Pond-4	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	15	45	Diesel
CM_Pond-5	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	20	60	Diesel
CM_Pond-6	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	15	45	Diesel
CM_Pond-7	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	20	60	Diesel
CM_Pond-8	Compensatory Mitigation	I-5 Ponds	Water Truck	MHDT	20	60	Diesel
CM_Bouldin-2	Compensatory Mitigation	Bouldin Island	Water Truck	MHDT	40	160	Diesel
CM_Bouldin-4	Compensatory Mitigation	Bouldin Island	Water Truck	MHDT	40	160	Diesel
CM_Bouldin-5	Compensatory Mitigation	Bouldin Island	Water Truck	MHDT	40	160	Diesel

[a] Values rounded to the nearest whole number.

Table 23B-6. Construction Assumptions—Offsite Hauling and Vehicle Trips (available upon request)

Fehr & Peers provided VMT and trips for each day of the construction period. These data are available upon request.

Table 23B-7. Construction Assumptions—Employee Vehicle Trips (available upon request)

Fehr & Peers provided VMT and trips for each day of the construction period. These data are available upon request.

Table 23B-8. Construction Assumptions—UPRR and BNSF Locomotive Travel

Code	Feature Category	Feature	Locomotive Type	Origin Depot	Delivery Depot	Rail Cars/Day [a]	Ton-Mi/Day	Railroad	Fuel
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	9,387	UPRR	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	4	17,651	UPRR	Diesel
TwinCitiesOpt1_Shaft_C-25	Shafts	Twin Cities Shaft Alt 1	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	2,071	UPRR	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	4	15,860	UPRR	Diesel
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	9,387	UPRR	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	4	15,871	UPRR	Diesel
TwinCitiesOpt2_Shaft_E-25	Shafts	Twin Cities Shaft Alt 3	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	2,071	UPRR	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	4	15,860	UPRR	Diesel
LowerRobertOpt2_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 3	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	1	5,974	UPRR & BNSF	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	3	14,982	UPRR & BNSF	Diesel
LowerRobertOpt6_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4b	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	1	2,701	UPRR & BNSF	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	2	8,093	UPRR & BNSF	Diesel
TwinCitiesOpt5_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	4,245	UPRR	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	7,998	UPRR	Diesel
TwinCitiesOpt5_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	5,571	UPRR	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	7,942	UPRR	Diesel
TwinCitiesOpt6_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	4,245	UPRR	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	7,998	UPRR	Diesel
TwinCitiesOpt6_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	5,571	UPRR	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	7,942	UPRR	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	4	15,591	UPRR	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	6	25,472	UPRR	Diesel
TwinCitiesOpt9_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	6,329	UPRR	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	5	20,942	UPRR	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	4	15,591	UPRR	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	6	24,805	UPRR	Diesel
TwinCitiesOpt10_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	1	6,329	UPRR	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	5	20,942	UPRR	Diesel
LowerRobertsOpt10_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4a	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	2	9,922	UPRR & BNSF	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	6	24,251	UPRR & BNSF	Diesel
LowerRobertsOpt8_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4c	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	1	3,480	UPRR & BNSF	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	3	12,708	UPRR & BNSF	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	3	12,734	UPRR	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	3	13,520	UPRR	Diesel
TwinCitiesOpt7_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	8,133	UPRR	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	3	13,162	UPRR	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	3	12,734	UPRR	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	3	14,789	UPRR	Diesel
TwinCitiesOpt8_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	2	8,133	UPRR	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Pre Cast Segment	Sacramento	Twin Cities Complex Sidetrack	3	13,162	UPRR	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	7,584	UPRR	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	Soil Material	Stockton	Southern Complex	14	58,968	UPRR	Diesel

Code	Feature Category	Feature	Locomotive Type	Origin Depot	Delivery Depot	Rail Cars/Day [a]	Ton-Mi/Day	Railroad	Fuel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Riprap	Stockton	Southern Complex	13	53,655	UPRR	Diesel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	2	9,034	UPRR	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	10,163	UPRR	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	7,584	UPRR	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	Soil Material	Stockton	Southern Complex	14	58,968	UPRR	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Riprap	Stockton	Southern Complex	13	53,655	UPRR	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	2	9,034	UPRR	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	3	12,577	UPRR	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	7,579	UPRR	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	Soil Material	Stockton	Southern Complex	14	58,900	UPRR	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Riprap	Stockton	Southern Complex	18	78,904	UPRR	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	2	9,055	UPRR	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	1	6,023	UPRR	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	7,584	UPRR	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	Soil Material	Stockton	Southern Complex	14	58,900	UPRR	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Riprap	Stockton	Southern Complex	6	27,580	UPRR	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	2	9,055	UPRR	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	4	16,220	UPRR	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	7,584	UPRR	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Riprap and Soil Material	Stockton	Southern Complex	101	430,712	UPRR	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	2	9,069	UPRR	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	3	11,800	UPRR	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	7,584	UPRR	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Riprap and Soil Material	Stockton	Southern Complex	101	430,712	UPRR	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	2	9,069	UPRR	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	11,815	UPRR	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	7,584	UPRR	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Riprap and Soil Material	Stockton	Southern Complex	101	430,712	UPRR	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	2	9,104	UPRR	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	10,163	UPRR	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Riprap	Stockton	Southern Complex	2	7,584	UPRR	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Cement, Aggregate, Sand, Flyash, Riprap	Stockton	Southern Complex	101	430,712	UPRR	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Cement, Aggregate, Sand, Flyash, Bentonite	Stockton	Southern Complex	2	9,104	UPRR	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Cement, Aggregate, Sand, Flyash	Stockton	Southern Complex	2	10,163	UPRR	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	1	1,737	UPRR	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	1	312	UPRR	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	4	15,722	UPRR	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	1	422	UPRR	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	3	13,512	UPRR	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Pre Cast Segment	Stockton	Lower Roberts Island Sidetrack	1	828	UPRR	Diesel

[a] Values rounded to the nearest whole number.

Table 23B-9. Construction Assumptions—UPRR and BNSF Locomotive Idle Hours at Sidetracks (Franklin Blvd., Lower Roberts, and Southern Complex Depots)

Alternative	Daily Idle-Hours per Depot	Total Idle-Hours per Depot
1	1.5	3,326
2a	1.5	3,093
2b	1.5	3,348
2c	1.5	2,567
3	1.5	3,326
4a	1.5	3,093
4b	1.5	3,534
4c	1.5	2,592
5	1.5	2,844

1 **Table 23B-10. Construction Assumptions—Onsite Locomotive Activity**

Code	Feature Category	Feature	Locomotive Type	Op Hrs/Day	Idle Hrs/Day	Fuel
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt1_Shaft_C-25	Shafts	Twin Cities Shaft Alt 1	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt2_Shaft_E-25	Shafts	Twin Cities Shaft Alt 3	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Onsite Movement	1	0.5	Diesel
LowerRobertOpt2_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 3	Onsite Movement	1	0.5	Diesel
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Onsite Movement	1	0.5	Diesel
LowerRobertOpt6_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4b	Onsite Movement	1	0.5	Diesel
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt5_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt5_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt6_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt6_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt9_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2a	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt10_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4a	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Onsite Movement	1	0.5	Diesel
LowerRobertsOpt10_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4a	Onsite Movement	1	0.5	Diesel
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Onsite Movement	1	0.5	Diesel
LowerRobertsOpt8_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4c	Onsite Movement	1	0.5	Diesel
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt7_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt8_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4c	Onsite Movement	1	0.5	Diesel
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Onsite Movement	1	0.5	Diesel
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	Onsite Movement	1	0.5	Diesel
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Onsite Movement	1	0.5	Diesel

Code	Feature Category	Feature	Locomotive Type	Op Hrs/Day	Idle Hrs/Day	Fuel
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Onsite Movement	1	0.5	Diesel
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Onsite Movement	1	0.5	Diesel
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Onsite Movement	1	0.5	Diesel
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	Onsite Movement	1	0.5	Diesel
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Onsite Movement	1	0.5	Diesel
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Onsite Movement	1	0.5	Diesel
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Onsite Movement	1	0.5	Diesel
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Onsite Movement	1	0.5	Diesel
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Onsite Movement	1	0.5	Diesel
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Onsite Movement	1	0.5	Diesel
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Onsite Movement	1	0.5	Diesel
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Onsite Movement	1	0.5	Diesel
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Onsite Movement	1	0.5	Diesel
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Onsite Movement	1	0.5	Diesel
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Onsite Movement	1	0.5	Diesel

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Table 23B-11. Construction Assumptions—Marine Vessel

Code	Feature Category	Feature	Vessel	Origin - Destination	Days per Phase	Number	Main Engine			Auxiliary Engine			Fuel
							Hrs/day	HP	LF	Hrs/day	HP	LF	
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Tug boat	Stockton	6	1	10	1167	0.50	10	86	0.31	Diesel
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Tug boat	Stockton	6	1	10	1167	0.50	10	86	0.31	Diesel
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	Tug boat	Stockton	6	1	10	1167	0.50	10	86	0.31	Diesel
Intake5_1.5kcfs- 17	Intakes	Intake 5 - 1,500 cfs	Tug boat	Stockton	6	1	10	1167	0.50	10	86	0.31	Diesel
GT_OW	Geotechnical Investigation	Over Water Borings	Hazard Survey Boat	n/a	3 [a]	1	4	364	0.45	1	190	0.43	Diesel
GT_OW	Geotechnical Investigation	Over Water Borings	Tugboat	n/a	8 [a]	1	10	1167	0.50	1	86	0.31	Diesel
GT_OW	Geotechnical Investigation	Over Water Borings	Worker Transport	n/a	9 [a]	2	4	384	0.38	1	83	0.32	Diesel
GT_CPT_OW	Geotechnical Investigation	Over Water CPT	Hazard Survey Boat	n/a	4 [a]	3	4	364	0.45	1	190	0.43	Diesel
GT_CPT_OW	Geotechnical Investigation	Over Water CPT	Worker Transport	n/a	5 [a]	2	4	384	0.38	1	83	0.32	Diesel
GT_TP	Geotechnical Investigation	Test Pile	Tugboat	n/a	2 [a]	1	10	1167	0.50	1	86	0.31	Diesel
GT_TP	Geotechnical Investigation	Test Pile	Worker Transport	n/a	5 [a]	2	4	384	0.38	1	83	0.32	Diesel

[a] Values are days per bore site.

Table 23B-12. Construction Assumptions—Earthworks

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
NewHopeOpt1_Shaft_C-1	Shafts	New Hope Shaft Alt 1	1	1	239	0
NewHopeOpt1_Shaft_C-3	Shafts	New Hope Shaft Alt 1	0	11	502	0
NewHopeOpt1_Shaft_C-4	Shafts	New Hope Shaft Alt 1	0	0	33	0
NewHopeOpt1_Shaft_C-6	Shafts	New Hope Shaft Alt 1	0	0	151	0
NewHopeOpt1_Shaft_C-8	Shafts	New Hope Shaft Alt 1	0	0	591	0
StatenIslandOpt1_Shaft_C-1	Shafts	Staten Island Shaft Alt 1	6	13	3,358	0
StatenIslandOpt1_Shaft_C-3	Shafts	Staten Island Shaft Alt 1	0	11	502	0
StatenIslandOpt1_Shaft_C-4	Shafts	Staten Island Shaft Alt 1	0	0	30	0
StatenIslandOpt1_Shaft_C-6	Shafts	Staten Island Shaft Alt 1	0	0	132	0
StatenIslandOpt1_Shaft_C-8	Shafts	Staten Island Shaft Alt 1	0	0	636	0
MandIslandOpt1_Shaft_C-1	Shafts	Mandeville Shaft Alt 1	1	2	485	0
MandIslandOpt1_Shaft_C-3	Shafts	Mandeville Shaft Alt 1	0	8	360	0
MandIslandOpt1_Shaft_C-4	Shafts	Mandeville Shaft Alt 1	0	0	44	0
MandIslandOpt1_Shaft_C-6	Shafts	Mandeville Shaft Alt 1	0	0	148	0
MandIslandOpt1_Shaft_C-8	Shafts	Mandeville Shaft Alt 1	0	0	3,178	0
NewHopeOpt2_Shaft_E-1	Shafts	New Hope Shaft Alt 3	11	16	3,910	0
NewHopeOpt2_Shaft_E-3	Shafts	New Hope Shaft Alt 3	0	8	354	0
NewHopeOpt2_Shaft_E-4	Shafts	New Hope Shaft Alt 3	0	0	33	0
NewHopeOpt2_Shaft_E-6	Shafts	New Hope Shaft Alt 3	0	0	142	0
NewHopeOpt2_Shaft_E-8	Shafts	New Hope Shaft Alt 3	0	0	591	0
CanalRanchOpt2_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 3	5	8	2,131	0
CanalRanchOpt2_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 3	0	4	194	0
CanalRanchOpt2_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 3	0	0	33	0
CanalRanchOpt2_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 3	0	0	135	0
CanalRanchOpt2_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 3	0	0	595	0
TerminousOpt2_Shaft_E-1	Shafts	Terminous Shaft Alt 3	3	6	0	0
TerminousOpt2_Shaft_E-3	Shafts	Terminous Shaft Alt 3	0	7	300	0
TerminousOpt2_Shaft_E-4	Shafts	Terminous Shaft Alt 3	0	0	392	0
TerminousOpt2_Shaft_E-6	Shafts	Terminous Shaft Alt 3	0	0	154	0
TerminousOpt2_Shaft_E-8	Shafts	Terminous Shaft Alt 3	0	0	121	0
KingIslandOpt2_Shaft_E-1	Shafts	King Island Shaft Alt 3	1	1	0	0
KingIslandOpt2_Shaft_E-3	Shafts	King Island Shaft Alt 3	0	7	298	0
KingIslandOpt2_Shaft_E-4	Shafts	King Island Shaft Alt 3	0	0	33	0
KingIslandOpt2_Shaft_E-6	Shafts	King Island Shaft Alt 3	0	0	139	0
KingIslandOpt2_Shaft_E-8	Shafts	King Island Shaft Alt 3	0	0	669	0
UpperJonesOpt2_Shaft_E-1	Shafts	Upper Jones Shaft Alt 3	1	2	0	0
UpperJonesOpt2_Shaft_E-3	Shafts	Upper Jones Shaft Alt 3	0	6	247	0
UpperJonesOpt2_Shaft_E-8	Shafts	Upper Jones Shaft Alt 3	0	0	112	0
BouldinOpt1_Shaft_C-3	Shafts	Bouldin Shaft Alt 1	18	54	13,504	0
BouldinOpt1_Shaft_C-4	Shafts	Bouldin Shaft Alt 1	0	0	0	0
BouldinOpt1_Shaft_C-5	Shafts	Bouldin Shaft Alt 1	0	1	0	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
BouldinOpt1_Shaft_C-6	Shafts	Bouldin Shaft Alt 1	0	23	1,018	0
BouldinOpt1_Shaft_C-8	Shafts	Bouldin Shaft Alt 1	0	0	35	0
BouldinOpt1_Shaft_C-9	Shafts	Bouldin Shaft Alt 1	0	0	160	0
BouldinOpt1_Shaft_C-10	Shafts	Bouldin Shaft Alt 1	0	0	1,181	0
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	0	0	1,679	0
BouldinOpt1_Shaft_C-21	Shafts	Bouldin Shaft Alt 1	0	10	0	0
BouldinOpt1_Shaft_C-22	Shafts	Bouldin Shaft Alt 1	0	7	0	0
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	6	4	466	0
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	0	8	1,927	0
TwinCitiesOpt1_Shaft_C-5	Shafts	Twin Cities Shaft Alt 1	0	23	5,670	0
TwinCitiesOpt1_Shaft_C-6	Shafts	Twin Cities Shaft Alt 1	0	180	42,897	0
TwinCitiesOpt1_Shaft_C-7	Shafts	Twin Cities Shaft Alt 1	0	11	485	0
TwinCitiesOpt1_Shaft_C-8	Shafts	Twin Cities Shaft Alt 1	0	59	0	0
TwinCitiesOpt1_Shaft_C-9	Shafts	Twin Cities Shaft Alt 1	0	0	11	0
TwinCitiesOpt1_Shaft_C-10	Shafts	Twin Cities Shaft Alt 1	0	0	157	0
TwinCitiesOpt1_Shaft_C-11	Shafts	Twin Cities Shaft Alt 1	0	0	37	0
TwinCitiesOpt1_Shaft_C-12	Shafts	Twin Cities Shaft Alt 1	0	0	138	0
TwinCitiesOpt1_Shaft_C-13	Shafts	Twin Cities Shaft Alt 1	0	0	1,164	0
TwinCitiesOpt1_Shaft_C-16	Shafts	Twin Cities Shaft Alt 1	0	0	1,164	0
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	0	9	1,722	0
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	0	8	1,525	0
TwinCitiesOpt1_Shaft_C-29	Shafts	Twin Cities Shaft Alt 1	3	27	0	0
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	6	4	466	0
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	0	8	1,927	0
TwinCitiesOpt2_Shaft_E-5	Shafts	Twin Cities Shaft Alt 3	0	23	5,670	0
TwinCitiesOpt2_Shaft_E-6	Shafts	Twin Cities Shaft Alt 3	0	180	42,897	0
TwinCitiesOpt2_Shaft_E-7	Shafts	Twin Cities Shaft Alt 3	0	11	485	0
TwinCitiesOpt2_Shaft_E-8	Shafts	Twin Cities Shaft Alt 3	0	59	0	0
TwinCitiesOpt2_Shaft_E-9	Shafts	Twin Cities Shaft Alt 3	0	0	11	0
TwinCitiesOpt2_Shaft_E-10	Shafts	Twin Cities Shaft Alt 3	0	0	157	0
TwinCitiesOpt2_Shaft_E-11	Shafts	Twin Cities Shaft Alt 3	0	0	37	0
TwinCitiesOpt2_Shaft_E-12	Shafts	Twin Cities Shaft Alt 3	0	0	138	0
TwinCitiesOpt2_Shaft_E-13	Shafts	Twin Cities Shaft Alt 3	0	0	1,164	0
TwinCitiesOpt2_Shaft_E-16	Shafts	Twin Cities Shaft Alt 3	0	0	1,164	0
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	0	8	1,722	0
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	0	8	1,525	0
TwinCitiesOpt2_Shaft_E-29	Shafts	Twin Cities Shaft Alt 3	3	27	0	0
LowerRobertOpt2_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 3	29	9	2,246	0
LowerRobertOpt2_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 3	0	53	13,472	0
LowerRobertOpt2_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 3	0	6	0	0
LowerRobertOpt2_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 3	0	1	43	0
LowerRobertOpt2_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 3	0	15	678	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
LowerRobertOpt2_Shaft_E-9	Shafts	Lower Roberts Shaft Alt 3	0	0	161	0
LowerRobertOpt2_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 3	0	0	54	0
LowerRobertOpt2_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 3	0	0	319	0
LowerRobertOpt2_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 3	0	0	116	0
LowerRobertOpt2_Shaft_E-13	Shafts	Lower Roberts Shaft Alt 3	0	0	426	0
LowerRobertOpt2_Shaft_E-15	Shafts	Lower Roberts Shaft Alt 3	0	0	122	0
LowerRobertOpt2_Shaft_E-17	Shafts	Lower Roberts Shaft Alt 3	0	0	766	0
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	0	0	1,483	0
LowerRobertOpt2_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 3	0	7	0	0
LowerRobertOpt2_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 3	0	6	0	0
BaconOpt1_Shaft_C-2	Shafts	Bacon Shaft Alt 1	3	9	2,341	0
BaconOpt1_Shaft_C-4	Shafts	Bacon Shaft Alt 1	0	15	653	0
BaconOpt1_Shaft_C-5	Shafts	Bacon Shaft Alt 1	0	0	28	0
BaconOpt1_Shaft_C-7	Shafts	Bacon Shaft Alt 1	0	0	132	0
BaconOpt1_Shaft_C-9	Shafts	Bacon Shaft Alt 1	0	0	541	0
BaconOpt5_Shaft_C-2	Shafts	Bacon Shaft Alt 2b	3	9	2,341	0
BaconOpt5_Shaft_C-4	Shafts	Bacon Shaft Alt 2b	0	14	594	0
BaconOpt5_Shaft_C-5	Shafts	Bacon Shaft Alt 2b	0	0	21	0
BaconOpt5_Shaft_C-7	Shafts	Bacon Shaft Alt 2b	0	0	106	0
BaconOpt5_Shaft_C-9	Shafts	Bacon Shaft Alt 2b	0	0	302	0
BouldinOpt5_Shaft_C-3	Shafts	Bouldin Shaft Alt 2b	18	54	13,504	0
BouldinOpt5_Shaft_C-5	Shafts	Bouldin Shaft Alt 2b	0	1	0	0
BouldinOpt5_Shaft_C-6	Shafts	Bouldin Shaft Alt 2b	0	23	997	0
BouldinOpt5_Shaft_C-8	Shafts	Bouldin Shaft Alt 2b	0	0	34	0
BouldinOpt5_Shaft_C-9	Shafts	Bouldin Shaft Alt 2b	0	0	153	0
BouldinOpt5_Shaft_C-10	Shafts	Bouldin Shaft Alt 2b	0	0	1,080	0
BouldinOpt5_Shaft_C-21	Shafts	Bouldin Shaft Alt 2b	0	3	0	0
BouldinOpt5_Shaft_C-22	Shafts	Bouldin Shaft Alt 2b	0	7	0	0
CanalRanchOpt6_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4b	5	8	2,131	0
CanalRanchOpt6_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4b	0	4	173	0
CanalRanchOpt6_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4b	0	0	25	0
CanalRanchOpt6_Shaft_E-6	Shafts	Canal Ranch Shaft Alt 4b	0	0	102	0
CanalRanchOpt6_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4b	0	0	341	0
KingIslandOpt6_Shaft_E-1	Shafts	King Island Shaft Alt 4b	1	1	0	0
KingIslandOpt6_Shaft_E-3	Shafts	King Island Shaft Alt 4b	0	6	266	0
KingIslandOpt6_Shaft_E-4	Shafts	King Island Shaft Alt 4b	0	0	25	0
KingIslandOpt6_Shaft_E-6	Shafts	King Island Shaft Alt 4b	0	0	105	0
KingIslandOpt6_Shaft_E-8	Shafts	King Island Shaft Alt 4b	0	0	383	0
LowerRobertOpt6_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4b	29	9	2,246	0
LowerRobertOpt6_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4b	0	53	13,472	0
LowerRobertOpt6_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4b	0	6	0	0
LowerRobertOpt6_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4b	0	1	0	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
LowerRobertOpt6_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4b	0	15	665	0
LowerRobertOpt6_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4b	0	0	34	0
LowerRobertOpt6_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4b	0	0	143	0
LowerRobertOpt6_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4b	0	0	1,049	0
LowerRobertOpt6_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4b	0	4	0	0
LowerRobertOpt6_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4b	0	6	0	0
MandIslandOpt5_Shaft_C-1	Shafts	Mandeville Shaft Alt 2b	1	2	485	0
MandIslandOpt5_Shaft_C-3	Shafts	Mandeville Shaft Alt 2b	0	7	320	0
MandIslandOpt5_Shaft_C-4	Shafts	Mandeville Shaft Alt 2b	0	0	33	0
MandIslandOpt5_Shaft_C-6	Shafts	Mandeville Shaft Alt 2b	0	0	84	0
MandIslandOpt5_Shaft_C-8	Shafts	Mandeville Shaft Alt 2b	0	0	520	0
NewHopeOpt5_Shaft_C-1	Shafts	New Hope Shaft Alt 2b	1	1	239	0
NewHopeOpt5_Shaft_C-3	Shafts	New Hope Shaft Alt 2b	0	10	442	0
NewHopeOpt5_Shaft_C-4	Shafts	New Hope Shaft Alt 2b	0	0	25	0
NewHopeOpt5_Shaft_C-6	Shafts	New Hope Shaft Alt 2b	0	0	115	0
NewHopeOpt5_Shaft_C-7	Shafts	New Hope Shaft Alt 2b	0	0	3	0
NewHopeOpt5_Shaft_C-8	Shafts	New Hope Shaft Alt 2b	0	0	339	0
NewHopeOpt6_Shaft_E-1	Shafts	New Hope Shaft Alt 4b	11	16	3,910	0
NewHopeOpt6_Shaft_E-3	Shafts	New Hope Shaft Alt 4b	0	7	311	0
NewHopeOpt6_Shaft_E-4	Shafts	New Hope Shaft Alt 4b	0	0	25	0
NewHopeOpt6_Shaft_E-6	Shafts	New Hope Shaft Alt 4b	0	0	108	0
NewHopeOpt6_Shaft_E-8	Shafts	New Hope Shaft Alt 4b	0	0	339	0
StatenIslandOpt5_Shaft_C-1	Shafts	Staten Island Shaft Alt 2b	6	13	3,358	0
StatenIslandOpt5_Shaft_C-3	Shafts	Staten Island Shaft Alt 2b	0	10	446	0
StatenIslandOpt5_Shaft_C-4	Shafts	Staten Island Shaft Alt 2b	0	0	23	0
StatenIslandOpt5_Shaft_C-6	Shafts	Staten Island Shaft Alt 2b	0	0	231	0
StatenIslandOpt5_Shaft_C-8	Shafts	Staten Island Shaft Alt 2b	0	0	364	0
TerminousOpt6_Shaft_E-1	Shafts	Terminous Shaft Alt 4b	3	6	0	0
TerminousOpt6_Shaft_E-3	Shafts	Terminous Shaft Alt 4b	0	6	273	0
TerminousOpt6_Shaft_E-4	Shafts	Terminous Shaft Alt 4b	0	0	297	0
TerminousOpt6_Shaft_E-6	Shafts	Terminous Shaft Alt 4b	0	0	117	0
TerminousOpt6_Shaft_E-8	Shafts	Terminous Shaft Alt 4b	0	0	70	0
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	6	4	0	0
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	0	8	0	0
TwinCitiesOpt5_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2b	0	23	5,670	0
TwinCitiesOpt5_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2b	0	180	42,897	0
TwinCitiesOpt5_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2b	0	11	476	0
TwinCitiesOpt5_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2b	0	59	0	0
TwinCitiesOpt5_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2b	0	0	11	0
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	0	0	150	0
TwinCitiesOpt5_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2b	0	0	1,065	0
TwinCitiesOpt5_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2b	0	0	9	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	0	5	0	0
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	0	8	0	0
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	3	27	0	0
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	6	4	0	0
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	0	8	0	0
TwinCitiesOpt6_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4b	0	23	5,670	0
TwinCitiesOpt6_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4b	0	180	42,897	0
TwinCitiesOpt6_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4b	0	11	476	0
TwinCitiesOpt6_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4b	0	59	0	0
TwinCitiesOpt6_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4b	0	0	11	0
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	0	0	150	0
TwinCitiesOpt6_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4b	0	0	1,065	0
TwinCitiesOpt6_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4b	0	0	9	0
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	0	4	0	0
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	0	8	0	0
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	3	27	0	0
UpperJonesOpt6_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4b	1	2	0	0
UpperJonesOpt6_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4b	0	6	247	0
UpperJonesOpt6_Shaft_E-8	Shafts	Upper Jones Shaft Alt 4b	0	0	64	0
NewHopeOpt9_Shaft_C-1	Shafts	New Hope Shaft Alt 2a	1	1	239	0
NewHopeOpt9_Shaft_C-3	Shafts	New Hope Shaft Alt 2a	0	12	527	0
NewHopeOpt9_Shaft_C-4	Shafts	New Hope Shaft Alt 2a	0	0	35	0
NewHopeOpt9_Shaft_C-6	Shafts	New Hope Shaft Alt 2a	0	0	164	0
NewHopeOpt9_Shaft_C-8	Shafts	New Hope Shaft Alt 2a	0	0	697	0
NewHopeOpt10_Shaft_E-1	Shafts	New Hope Shaft Alt 4a	11	16	3,910	0
NewHopeOpt10_Shaft_E-3	Shafts	New Hope Shaft Alt 4a	0	8	372	0
NewHopeOpt10_Shaft_E-5	Shafts	New Hope Shaft Alt 4a	0	0	426	0
NewHopeOpt10_Shaft_E-6	Shafts	New Hope Shaft Alt 4a	0	0	155	0
NewHopeOpt10_Shaft_E-8	Shafts	New Hope Shaft Alt 4a	0	0	697	0
StatenIslandOpt9_Shaft_C-1	Shafts	Staten Island Shaft Alt 2a	6	13	3,358	0
StatenIslandOpt9_Shaft_C-3	Shafts	Staten Island Shaft Alt 2a	0	12	522	0
StatenIslandOpt9_Shaft_C-4	Shafts	Staten Island Shaft Alt 2a	0	0	33	0
StatenIslandOpt9_Shaft_C-6	Shafts	Staten Island Shaft Alt 2a	0	0	275	0
StatenIslandOpt9_Shaft_C-8	Shafts	Staten Island Shaft Alt 2a	0	0	749	0
MandIslandOpt9_Shaft_C-1	Shafts	Mandeville Shaft Alt 2a	1	2	485	0
MandIslandOpt9_Shaft_C-3	Shafts	Mandeville Shaft Alt 2a	0	9	374	0
MandIslandOpt9_Shaft_C-4	Shafts	Mandeville Shaft Alt 2a	0	0	47	0
MandIslandOpt9_Shaft_C-6	Shafts	Mandeville Shaft Alt 2a	0	0	139	0
MandIslandOpt9_Shaft_C-8	Shafts	Mandeville Shaft Alt 2a	0	0	789	0
BaconOpt9_Shaft_C-2	Shafts	Bacon Shaft Alt 2a	3	10	2,541	0
BaconOpt9_Shaft_C-4	Shafts	Bacon Shaft Alt 2a	0	15	673	0
BaconOpt9_Shaft_C-6	Shafts	Bacon Shaft Alt 2a	0	0	426	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
BaconOpt9_Shaft_C-8	Shafts	Bacon Shaft Alt 2a	0	0	142	0
BaconOpt9_Shaft_C-9	Shafts	Bacon Shaft Alt 2a	0	0	621	0
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	1	1	0	0
TwinCitiesOpt9_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2a	0	8	1,927	0
TwinCitiesOpt9_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2a	0	24	11,623	0
TwinCitiesOpt9_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2a	0	16	7,303	0
TwinCitiesOpt9_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2a	0	11	4,950	0
TwinCitiesOpt9_Shaft_C-8	Shafts	Twin Cities Shaft Alt 2a	0	0	1	0
TwinCitiesOpt9_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2a	0	0	737	0
TwinCitiesOpt9_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2a	0	0	44	0
TwinCitiesOpt9_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2a	0	0	1,029	0
TwinCitiesOpt9_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2a	0	0	1,268	0
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	0	6	0	0
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	0	5	0	0
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	3	29	0	0
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	1	1	0	0
TwinCitiesOpt10_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4a	0	8	1,927	0
TwinCitiesOpt10_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4a	0	24	11,623	0
TwinCitiesOpt10_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4a	0	16	7,303	0
TwinCitiesOpt10_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4a	0	11	4,950	0
TwinCitiesOpt10_Shaft_E-8	Shafts	Twin Cities Shaft Alt 4a	0	0	1	0
TwinCitiesOpt10_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4a	0	0	737	0
TwinCitiesOpt10_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4a	0	0	44	0
TwinCitiesOpt10_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4a	0	0	1,029	0
TwinCitiesOpt10_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4a	0	0	1,268	0
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	0	6	0	0
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	0	5	0	0
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	3	29	0	0
CanalRanchOpt10_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4a	5	8	2,131	0
CanalRanchOpt10_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4a	0	5	202	0
CanalRanchOpt10_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4a	0	0	35	0
CanalRanchOpt10_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4a	0	0	137	0
CanalRanchOpt10_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4a	0	0	701	0
BouldinOpt9_Shaft_C-3	Shafts	Bouldin Shaft Alt 2a	18	54	13,504	0
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	0	1	0	0
BouldinOpt9_Shaft_C-6	Shafts	Bouldin Shaft Alt 2a	0	24	1,038	0
BouldinOpt9_Shaft_C-8	Shafts	Bouldin Shaft Alt 2a	0	0	37	0
BouldinOpt9_Shaft_C-9	Shafts	Bouldin Shaft Alt 2a	0	2	167	0
BouldinOpt9_Shaft_C-10	Shafts	Bouldin Shaft Alt 2a	0	0	1,285	0
BouldinOpt9_Shaft_C-21	Shafts	Bouldin Shaft Alt 2a	0	6	0	0
BouldinOpt9_Shaft_C-22	Shafts	Bouldin Shaft Alt 2a	0	9	0	0
KingIslandOpt10_Shaft_E-1	Shafts	King Island Shaft Alt 4a	1	1	0	0

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KingIslandOpt10_Shaft_E-3	Shafts	King Island Shaft Alt 4a	0	7	324	0
KingIslandOpt10_Shaft_E-4	Shafts	King Island Shaft Alt 4a	0	0	35	0
KingIslandOpt10_Shaft_E-6	Shafts	King Island Shaft Alt 4a	0	0	151	0
KingIslandOpt10_Shaft_E-8	Shafts	King Island Shaft Alt 4a	0	0	789	0
LowerRobertsOpt10_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4a	29	9	2,246	0
LowerRobertsOpt10_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4a	0	53	13,472	0
LowerRobertsOpt10_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4a	0	6	0	0
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	0	1	0	0
LowerRobertsOpt10_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4a	0	16	692	0
LowerRobertsOpt10_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4a	0	0	37	0
LowerRobertsOpt10_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4a	0	0	156	0
LowerRobertsOpt10_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4a	0	0	1,248	0
LowerRobertsOpt10_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4a	0	10	0	0
LowerRobertsOpt10_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4a	0	26	0	0
TerminousOpt10_Shaft_E-1	Shafts	Terminous Shaft Alt 4a	3	7	0	0
TerminousOpt10_Shaft_E-3	Shafts	Terminous Shaft Alt 4a	0	7	309	0
TerminousOpt10_Shaft_E-4	Shafts	Terminous Shaft Alt 4a	0	0	426	0
TerminousOpt10_Shaft_E-6	Shafts	Terminous Shaft Alt 4a	0	0	168	0
TerminousOpt10_Shaft_E-8	Shafts	Terminous Shaft Alt 4a	0	0	644	0
UpperJonesOpt10_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4a	1	1	0	0
UpperJonesOpt10_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4a	0	6	255	0
BaconOpt7_Shaft_C-2	Shafts	Bacon Shaft Alt 2c	3	9	2,341	0
BaconOpt7_Shaft_C-4	Shafts	Bacon Shaft Alt 2c	0	14	627	0
BaconOpt7_Shaft_C-6	Shafts	Bacon Shaft Alt 2c	0	0	353	0
BaconOpt7_Shaft_C-8	Shafts	Bacon Shaft Alt 2c	0	0	118	0
BaconOpt7_Shaft_C-9	Shafts	Bacon Shaft Alt 2c	0	0	474	0
BouldinOpt7_Shaft_C-1	Shafts	Bouldin Shaft Alt 2c	0	0	128	0
BouldinOpt7_Shaft_C-3	Shafts	Bouldin Shaft Alt 2c	0	54	13,504	0
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	0	1	0	0
BouldinOpt7_Shaft_C-6	Shafts	Bouldin Shaft Alt 2c	0	23	997	0
BouldinOpt7_Shaft_C-8	Shafts	Bouldin Shaft Alt 2c	0	0	34	0
BouldinOpt7_Shaft_C-9	Shafts	Bouldin Shaft Alt 2c	0	2	153	0
BouldinOpt7_Shaft_C-10	Shafts	Bouldin Shaft Alt 2c	0	0	1,129	0
BouldinOpt7_Shaft_C-17	Shafts	Bouldin Shaft Alt 2c	0	0	11,087	0
BouldinOpt7_Shaft_C-21	Shafts	Bouldin Shaft Alt 2c	0	9	0	0
BouldinOpt7_Shaft_C-22	Shafts	Bouldin Shaft Alt 2c	0	7	0	0
CanalRanchOpt8_Shaft_E-1	Shafts	Canal Ranch Shaft Alt 4c	5	8	2,131	0
CanalRanchOpt8_Shaft_E-3	Shafts	Canal Ranch Shaft Alt 4c	0	4	184	0
CanalRanchOpt8_Shaft_E-4	Shafts	Canal Ranch Shaft Alt 4c	0	0	33	0
CanalRanchOpt8_Shaft_E-7	Shafts	Canal Ranch Shaft Alt 4c	0	0	126	0
CanalRanchOpt8_Shaft_E-8	Shafts	Canal Ranch Shaft Alt 4c	0	0	595	0
KingIslandOpt8_Shaft_E-1	Shafts	King Island Shaft Alt 4c	1	1	0	0

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KingIslandOpt8_Shaft_E-3	Shafts	King Island Shaft Alt 4c	0	6	283	0
KingIslandOpt8_Shaft_E-4	Shafts	King Island Shaft Alt 4c	0	0	33	0
KingIslandOpt8_Shaft_E-6	Shafts	King Island Shaft Alt 4c	0	0	139	0
KingIslandOpt8_Shaft_E-8	Shafts	King Island Shaft Alt 4c	0	0	669	0
LowerRobertsOpt8_Shaft_E-1	Shafts	Lower Roberts Shaft Alt 4c	29	9	2,246	0
LowerRobertsOpt8_Shaft_E-5	Shafts	Lower Roberts Shaft Alt 4c	0	53	13,472	0
LowerRobertsOpt8_Shaft_E-6	Shafts	Lower Roberts Shaft Alt 4c	0	6	0	0
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	0	1	0	0
LowerRobertsOpt8_Shaft_E-8	Shafts	Lower Roberts Shaft Alt 4c	0	15	665	0
LowerRobertsOpt8_Shaft_E-10	Shafts	Lower Roberts Shaft Alt 4c	0	0	35	0
LowerRobertsOpt8_Shaft_E-11	Shafts	Lower Roberts Shaft Alt 4c	0	0	150	0
LowerRobertsOpt8_Shaft_E-12	Shafts	Lower Roberts Shaft Alt 4c	0	0	1,147	0
LowerRobertsOpt8_Shaft_E-22	Shafts	Lower Roberts Shaft Alt 4c	0	10	0	0
LowerRobertsOpt8_Shaft_E-23	Shafts	Lower Roberts Shaft Alt 4c	0	13	0	0
MandIslandOpt7_Shaft_C-1	Shafts	Mandeville Shaft Alt 2c	1	2	485	0
MandIslandOpt7_Shaft_C-3	Shafts	Mandeville Shaft Alt 2c	0	8	342	0
MandIslandOpt7_Shaft_C-4	Shafts	Mandeville Shaft Alt 2c	0	0	39	0
MandIslandOpt7_Shaft_C-6	Shafts	Mandeville Shaft Alt 2c	0	0	94	0
MandIslandOpt7_Shaft_C-8	Shafts	Mandeville Shaft Alt 2c	0	0	602	0
NewHopeOpt7_Shaft_C-1	Shafts	New Hope Shaft Alt 2c	6	7	1,794	0
NewHopeOpt7_Shaft_C-3	Shafts	New Hope Shaft Alt 2c	0	11	477	0
NewHopeOpt7_Shaft_C-4	Shafts	New Hope Shaft Alt 2c	0	0	29	0
NewHopeOpt7_Shaft_C-6	Shafts	New Hope Shaft Alt 2c	0	0	136	0
NewHopeOpt7_Shaft_C-8	Shafts	New Hope Shaft Alt 2c	0	0	532	0
NewHopeOpt8_Shaft_E-1	Shafts	New Hope Shaft Alt 4c	11	16	3,910	0
NewHopeOpt8_Shaft_E-3	Shafts	New Hope Shaft Alt 4c	0	8	336	0
NewHopeOpt8_Shaft_E-5	Shafts	New Hope Shaft Alt 4c	0	0	353	0
NewHopeOpt8_Shaft_E-6	Shafts	New Hope Shaft Alt 4c	0	0	128	0
NewHopeOpt8_Shaft_E-8	Shafts	New Hope Shaft Alt 4c	0	0	532	0
StatenIslandOpt7_Shaft_C-1	Shafts	Staten Island Shaft Alt 2c	6	13	3,358	0
StatenIslandOpt7_Shaft_C-3	Shafts	Staten Island Shaft Alt 2c	0	11	476	0
StatenIslandOpt7_Shaft_C-4	Shafts	Staten Island Shaft Alt 2c	0	0	29	0
StatenIslandOpt7_Shaft_C-6	Shafts	Staten Island Shaft Alt 2c	0	0	119	0
StatenIslandOpt7_Shaft_C-8	Shafts	Staten Island Shaft Alt 2c	0	0	572	0
TerminousOpt8_Shaft_E-1	Shafts	Terminous Shaft Alt 4c	3	6	0	0
TerminousOpt8_Shaft_E-3	Shafts	Terminous Shaft Alt 4c	0	7	288	0
TerminousOpt8_Shaft_E-4	Shafts	Terminous Shaft Alt 4c	0	0	392	0
TerminousOpt8_Shaft_E-6	Shafts	Terminous Shaft Alt 4c	0	0	154	0
TerminousOpt8_Shaft_E-8	Shafts	Terminous Shaft Alt 4c	0	0	635	0
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	1	0	0	0
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	0	8	0	0
TwinCitiesOpt7_Shaft_C-5	Shafts	Twin Cities Shaft Alt 2c	0	23	5,670	0

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TwinCitiesOpt7_Shaft_C-6	Shafts	Twin Cities Shaft Alt 2c	0	15	3,562	0
TwinCitiesOpt7_Shaft_C-7	Shafts	Twin Cities Shaft Alt 2c	0	11	476	0
TwinCitiesOpt7_Shaft_C-9	Shafts	Twin Cities Shaft Alt 2c	0	0	34	0
TwinCitiesOpt7_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2c	0	0	150	0
TwinCitiesOpt7_Shaft_C-11	Shafts	Twin Cities Shaft Alt 2c	0	0	40	0
TwinCitiesOpt7_Shaft_C-12	Shafts	Twin Cities Shaft Alt 2c	0	0	131	0
TwinCitiesOpt7_Shaft_C-13	Shafts	Twin Cities Shaft Alt 2c	0	0	1,114	0
TwinCitiesOpt7_Shaft_C-16	Shafts	Twin Cities Shaft Alt 2c	0	0	1,114	0
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	0	9	0	0
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	0	9	0	0
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	3	26	0	0
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	1	0	0	0
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	0	8	0	0
TwinCitiesOpt8_Shaft_E-5	Shafts	Twin Cities Shaft Alt 4c	0	23	5,670	0
TwinCitiesOpt8_Shaft_E-6	Shafts	Twin Cities Shaft Alt 4c	0	9	2,143	0
TwinCitiesOpt8_Shaft_E-7	Shafts	Twin Cities Shaft Alt 4c	0	11	476	0
TwinCitiesOpt8_Shaft_E-9	Shafts	Twin Cities Shaft Alt 4c	0	0	34	0
TwinCitiesOpt8_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4c	0	0	150	0
TwinCitiesOpt8_Shaft_E-11	Shafts	Twin Cities Shaft Alt 4c	0	0	40	0
TwinCitiesOpt8_Shaft_E-12	Shafts	Twin Cities Shaft Alt 4c	0	0	131	0
TwinCitiesOpt8_Shaft_E-13	Shafts	Twin Cities Shaft Alt 4c	0	0	1,114	0
TwinCitiesOpt8_Shaft_E-16	Shafts	Twin Cities Shaft Alt 4c	0	0	1,114	0
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	0	8	0	0
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	0	9	0	0
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	3	27	0	0
UpperJonesOpt8_Shaft_E-1	Shafts	Upper Jones Shaft Alt 4c	1	1	0	0
UpperJonesOpt8_Shaft_E-3	Shafts	Upper Jones Shaft Alt 4c	0	5	235	0
NewHope_Access_C-1	Roads	New Hope Access Central	0	0	152	0
StatenIsland_Access_C-1	Roads	Staten Island Access Central	1	0	626	0
MandIsland_Access_C-1	Roads	Mandeville Access Central	2	19	1,713	0
MandIsland_Access_C-2	Roads	Mandeville Access Central	0	12	2,686	0
MandIsland_Access_C-5	Roads	Mandeville Access Central	0	0	1,173	0
MandIsland_Access_C-6	Roads	Mandeville Access Central	0	57	3,725	0
MandIsland_Access_C-7	Roads	Mandeville Access Central	0	25	4,469	0
MandIsland_Access_C-11	Roads	Mandeville Access Central	0	0	1,862	0
MandIsland_Access_C-13	Roads	Mandeville Access Central	2	50	4,479	0
MandIsland_Access_C-14	Roads	Mandeville Access Central	0	15	3,360	0
MandIsland_Access_C-18	Roads	Mandeville Access Central	0	16	1,463	0
MandIsland_Access_C-20	Roads	Mandeville Access Central	0	14	3,250	0
MandIsland_Access_C-23	Roads	Mandeville Access Central	0	0	1,219	0
MandIsland_Access_C-24	Roads	Mandeville Access Central	0	0	3,302	0
MandIsland_Access_C-25	Roads	Mandeville Access Central	0	0	3,001	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
MandIsland_Access_C-26	Roads	Mandeville Access Central	0	0	3,302	0
MandIsland_Access_C-27	Roads	Mandeville Access Central	0	0	4,626	0
NewHope_Access_E-1	Roads	New Hope Access Eastern	0	19	1,334	0
NewHope_Access_E-2	Roads	New Hope Access Eastern	0	7	1,334	0
NewHope_Access_E-5	Roads	New Hope Access Eastern	0	0	667	0
NewHope_Access_E-6	Roads	New Hope Access Eastern	0	0	167	0
NewHope_Access_E-7	Roads	New Hope Access Eastern	0	0	167	0
CanalRanch_Access_E-1	Roads	Canal Ranch Access Eastern	1	18	1,373	0
CanalRanch_Access_E-2	Roads	Canal Ranch Access Eastern	0	8	1,648	0
CanalRanch_Access_E-5	Roads	Canal Ranch Access Eastern	0	0	1,099	0
CanalRanch_Access_E-6	Roads	Canal Ranch Access Eastern	0	0	687	0
CanalRanch_Access_E-7	Roads	Canal Ranch Access Eastern	0	0	687	0
Terminous_Access_E-1	Roads	Terminous Access Eastern	2	17	855	0
Terminous_Access_E-4	Roads	Terminous Access Eastern	0	0	667	0
KingIsland_Access_E-1	Roads	King Island Access Eastern	0	0	587	0
KingIsland_Access_E-2	Roads	King Island Access Eastern	0	0	1,564	0
KingIsland_Access_E-3	Roads	King Island Access Eastern	0	0	1,564	0
UpperJones_Access_E-1	Roads	Upper Jones Access Eastern	2	20	1,797	0
UpperJones_Access_E-2	Roads	Upper Jones Access Eastern	0	9	1,798	0
UpperJones_Access_E-5	Roads	Upper Jones Access Eastern	0	0	1,058	0
UpperJones_Access_E-7	Roads	Upper Jones Access Eastern	0	0	399	0
UpperJones_Access_E-8	Roads	Upper Jones Access Eastern	0	0	399	0
Bouldin_Access_C-1	Roads	Bouldin Access Central	2	19	1,676	0
Bouldin_Access_C-2	Roads	Bouldin Access Central	0	13	3,017	0
Bouldin_Access_C-6	Roads	Bouldin Access Central	0	0	1,077	0
SR12_Access_C-1	Roads	SR12 Access Central	4	55	3,279	0
SR12_Access_C-2	Roads	SR12 Access Central	0	57	11,352	0
SR12_Access_C-6	Roads	SR12 Access Central	0	0	194	0
LowerRoberts_Access_E-1	Roads	Lower Roberts Access Eastern	2	19	1,747	0
LowerRoberts_Access_E-2	Roads	Lower Roberts Access Eastern	0	10	2,219	0
LowerRoberts_Access_E-6	Roads	Lower Roberts Access Eastern	0	0	1,195	0
Dierssen_Access-1	Roads	Dierssen Access	2	9	861	0
Dierssen_Access-2	Roads	Dierssen Access	0	2	458	0
Dierssen_Access-5	Roads	Dierssen Access	0	0	490	0
Franklin_Access-1	Roads	Franklin Access	1	30	3,020	0
Franklin_Access-2	Roads	Franklin Access	0	8	1,887	0
Franklin_Access-5	Roads	Franklin Access	0	0	809	0
TwinCities_Access-1	Roads	Twin Cities Access	1	10	989	0
TwinCities_Access-3	Roads	Twin Cities Access	0	0	297	0
Lambert_Access-1	Roads	Lambert Access	3	19	1,889	0
Lambert_Access-4	Roads	Lambert Access	0	0	1,417	0
LambertI5_Access-1	Roads	Lambert to I5 Access	0	9	805	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
LambertI5_Access-2	Roads	Lambert to I5 Access	0	8	2,047	0
LambertI5_Access-5	Roads	Lambert to I5 Access	0	0	737	0
I5I3_Access-1	Roads	I5 to I3 Access	0	5	895	0
I5I3_Access-2	Roads	I5 to I3 Access	0	13	2,505	0
I5I3_Access-5	Roads	I5 to I3 Access	0	0	587	0
I3I2_Access-1	Roads	I3 to I2 Access	0	3	160	0
I3I2_Access-2	Roads	I3 to I2 Access	0	2	447	0
I3I2_Access-5	Roads	I3 to I2 Access	0	0	112	0
DiscovBay_Access-1	Roads	Discovery Bay Access	1	9	1,055	0
DiscovBay_Access-2	Roads	Discovery Bay Access	0	6	1,224	0
DiscovBay_Access-5	Roads	Discovery Bay Access	0	0	604	0
WesternFarm_Access-1	Roads	Western Farm Access	0	16	1,956	0
WesternFarm_Access-2	Roads	Western Farm Access	0	7	1,467	0
WesternFarm_Access-5	Roads	Western Farm Access	0	0	667	0
Bruhns_Access-1	Roads	Bruhns Access	1	6	551	0
Bruhns_Access-2	Roads	Bruhns Access	0	15	2,204	0
Bruhns_Access-6	Roads	Bruhns Access	0	0	1,654	0
Franklin_RailAccess-3	Rail	Franklin Rail Access	2	9	0	0
LowerRoberts_RailAccess_E-1	Rail	Lower Roberts Rail Access	0	3	0	0
BethanyPR-1	Park and Rides	Bethany PR	1	6	690	0
BethanyPR-4	Park and Rides	Bethany PR	0	0	858	0
CWPR-1	Park and Rides	Charter Way PR	0	3	319	0
CWPR-4	Park and Rides	Charter Way PR	0	0	1,059	0
RVPR-1	Park and Rides	Rio Vista PR	0	7	782	0
RVPR-2	Park and Rides	Rio Vista PR	0	8	1,759	0
RVPR-5	Park and Rides	Rio Vista PR	0	0	703	0
BPR-1	Park and Rides	Byron PR	0	5	592	0
BPR-2	Park and Rides	Byron PR	0	4	891	0
BPR-5	Park and Rides	Byron PR	0	0	372	0
HFPR-1	Park and Rides	Hood Franklin PR	0	1	112	0
HFPR-2	Park and Rides	Hood Franklin PR	0	1	198	0
HFPR-5	Park and Rides	Hood Franklin PR	0	0	149	0
Bouldin_Levee_C-1	Levees	Bouldin Levee	3	7	2,754	0
LowerRobert_Levee_E-1	Levees	Lower Roberts Levee	1	2	743	0
TwinCities_Levee-1	Levees	Twin Cities Levee	0	12	2,223	0
Intake3_3kcfs-1	Intakes	Intake 3 - 3,000 cfs	4	0	1	0
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	0	1	211	0
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	0	14	0	0
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	0	0	21,122	0
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	0	15	5,710	0
Intake3_3kcfs-8	Intakes	Intake 3 - 3,000 cfs	0	0	0	51
Intake3_3kcfs-9	Intakes	Intake 3 - 3,000 cfs	0	11	652	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	0	13	190	0
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	0	0	59	0
Intake3_3kcfs-15	Intakes	Intake 3 - 3,000 cfs	0	0	5	0
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	0	0	135	0
Intake3_3kcfs-18	Intakes	Intake 3 - 3,000 cfs	0	10	4,704	0
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	0	0	0	0
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	0	0	31	26
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	0	2	147	0
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	0	0	6	0
Intake3_3kcfs-25	Intakes	Intake 3 - 3,000 cfs	2	13	0	0
Intake5_3kcfs-1	Intakes	Intake 5 - 3,000 cfs	4	0	2	0
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	0	1	58	0
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	0	109	2,701	0
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	0	6	1,157	0
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	0	0	82	0
Intake5_3kcfs-7	Intakes	Intake 5 - 3,000 cfs	0	0	0	36
Intake5_3kcfs-8	Intakes	Intake 5 - 3,000 cfs	0	8	546	0
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	0	18	188	0
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	0	2	0	0
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	0	0	0	0
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	0	0	0	0
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	0	0	103	0
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	0	14	4,467	0
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	0	0	625	0
Intake5_3kcfs-23	Intakes	Intake 5 - 3,000 cfs	0	0	21	0
Intake5_3kcfs-24	Intakes	Intake 5 - 3,000 cfs	2	13	0	0
Intake2_1.5kcfs-1	Intakes	Intake 2 - 1,500 cfs	5	0	0	0
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	0	1	0	0
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	0	17	0	0
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	0	18	0	0
Intake2_1.5kcfs-8	Intakes	Intake 2 - 1,500 cfs	0	6	295	0
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	0	16	0	0
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	0	0	0	0
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	0	0	0	0
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	0	0	0	0
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	0	13	0	0
Intake2_1.5kcfs-24	Intakes	Intake 2 - 1,500 cfs	1	16	0	0
Intake5_1.5kcfs-1	Intakes	Intake 5 - 1,500 cfs	5	0	0	0
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	0	17	193	0
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	0	11	2,393	0
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	0	9	1,842	0
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	0	0	89	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
Intake5_1.5kcfs-8	Intakes	Intake 5 - 1,500 cfs	0	12	795	0
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	0	6	0	0
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	0	3	257	0
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	0	0	1	0
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	0	0	55	0
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	0	8	4,217	0
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	0	0	103	0
Intake5_1.5kcfs-24	Intakes	Intake 5 - 1,500 cfs	1	14	0	0
Lambert_BatchPlantOpt12-1	Batch Plants	Lambert Road Batch Plant Alts 1-3	2	0	0	0
Lambert_BatchPlantOpt12-2	Batch Plants	Lambert Road Batch Plant Alts 1-3	0	31	0	0
Lambert_BatchPlantOpt56-1	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	2	0	11,715	0
Lambert_BatchPlantOpt56-2	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	0	31	0	0
Lambert_BatchPlantOpt56-5	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	0	0	1,278	0
Lambert_BatchPlantOpt78-1	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	2	0	4,685	0
Lambert_BatchPlantOpt78-2	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	0	31	7,030	0
Lambert_BatchPlantOpt78-5	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	0	0	4,685	0
Lambert_BatchPlantOpt910-1	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	2	0	4,685	0
Lambert_BatchPlantOpt910-2	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	0	31	7,030	0
Lambert_BatchPlantOpt910-5	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	0	0	4,685	0
SComplexWByron-1	Southern Complex	S. Complex W. Byron Hwy	3	1	65	0
SComplexWByron-2	Southern Complex	S. Complex W. Byron Hwy	0	1	0	0
SComplexWByron-4	Southern Complex	S. Complex W. Byron Hwy	0	57	3,006	0
SComplexWByron-5	Southern Complex	S. Complex W. Byron Hwy	0	41	0	0
SComplexWByron-6	Southern Complex	S. Complex W. Byron Hwy	0	0	395	0
SComplexWByron-7	Southern Complex	S. Complex W. Byron Hwy	0	0	510	0
SComplexWByron-8	Southern Complex	S. Complex W. Byron Hwy	0	0	66	0
SComplexWByron-9	Southern Complex	S. Complex W. Byron Hwy	0	0	510	0
SComplexWByron-12	Southern Complex	S. Complex W. Byron Hwy	0	0	331	0
SComplexWByron-13	Southern Complex	S. Complex W. Byron Hwy	0	0	459	0
SComplexWByron-15	Southern Complex	S. Complex W. Byron Hwy	0	0	5	0
SComplexWByron-17	Southern Complex	S. Complex W. Byron Hwy	0	0	94	0
SComplexWByron-18	Southern Complex	S. Complex W. Byron Hwy	0	42	3,147	0
SComplexWByron-19	Southern Complex	S. Complex W. Byron Hwy	0	6	0	0
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	0	3	0	0
SComplexWByron-22	Southern Complex	S. Complex W. Byron Hwy	0	0	222	0
SComplexWByron-23	Southern Complex	S. Complex W. Byron Hwy	0	0	14	0
SComplexWByron-25	Southern Complex	S. Complex W. Byron Hwy	0	3	4,026	0
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	0	7	649	0
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	0	0	133	0
SComplexWByron-30	Southern Complex	S. Complex W. Byron Hwy	0	10	1,643	0
SComplexWByronOpt9-10-1	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	3	1	49	0
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	1	0	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexWByronOpt9-10-4	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	45	5,625	0
SComplexWByronOpt9-10-5	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	15	0	0
SComplexWByronOpt9-10-6	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	470	0
SComplexWByronOpt9-10-18	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	37	4,341	0
SComplexWByronOpt9-10-19	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	26	2,690	0
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	104	0
SComplexWByronOpt9-10-21	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	1,359	0
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	98	12,690	0
SComplexWByronOpt9-10-25	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	31	4,032	0
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	5	0
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	23	1,917	0
SComplexWByronOpt9-10-30	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	10	0	0
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	12	2,083	0
SComplexWByronOpt9-10-32	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	87	0	0
SComplexWByronOpt9-10-33	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	139	0
SComplexWByronOpt9-10-37	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	1,300	0
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	5	0	0
SComplexWByronOpt9-10-40	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	958	0
SComplexWByronOpt9-10-42	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	0	113	0
SComplexWByronOpt9-10-43	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	0	23	1,816	1
SComplexByronOpt1-3	Southern Complex	S. Complex Byron Tract Alt 1	0	8	1,540	0
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	0	2	715	0
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	2	15	714	0
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	0	0	0	0
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	0	0	27	0
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	0	0	52	0
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	0	29	339	0
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	0	2	223	0
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	0	3	88	0
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	0	1	171	0
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	0	8	608	0
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	0	0	28	0
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	0	0	20	0
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	0	1	49	0
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	0	0	47	0
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	0	10	1,665	0
SComplexByronOpt1-24	Southern Complex	S. Complex Byron Tract Alt 1	5	2	0	0
SComplexByronOpt1-25	Southern Complex	S. Complex Byron Tract Alt 1	0	50	6,449	0
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	0	35	7,214	0
SComplexByronOpt1-27	Southern Complex	S. Complex Byron Tract Alt 1	0	18	0	0
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	0	3	1,252	0
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	0	8	886	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	0	6	242	0
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	0	1	0	0
SComplexByronOpt1-34	Southern Complex	S. Complex Byron Tract Alt 1	0	4	318	0
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	0	7	0	0
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	0	3	257	0
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	0	6	0	0
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	0	2	89	0
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	0	1	398	0
SComplexByronOpt1-44	Southern Complex	S. Complex Byron Tract Alt 1	0	0	1,535	0
SComplexByronOpt1-45	Southern Complex	S. Complex Byron Tract Alt 1	0	27	0	0
SComplexByronOpt1-46	Southern Complex	S. Complex Byron Tract Alt 1	0	8	561	0
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	0	5	4	0
SComplexByronOpt1-55	Southern Complex	S. Complex Byron Tract Alt 1	2	13	4,098	0
SComplexByronOpt2-3	Southern Complex	S. Complex Byron Tract Alt 3	0	7	1,308	0
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	0	2	653	0
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	2	15	714	0
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	0	0	0	
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	0	0	27	0
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	0	0	52	0
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	0	29	339	0
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	0	2	223	0
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	0	3	88	0
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	0	2	174	0
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	0	8	608	0
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	0	0	28	0
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	0	0	20	0
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	0	1	49	0
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	0	0	47	0
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	0	11	1,818	0
SComplexByronOpt2-24	Southern Complex	S. Complex Byron Tract Alt 3	5	2	0	0
SComplexByronOpt2-25	Southern Complex	S. Complex Byron Tract Alt 3	0	50	7,340	0
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	0	35	7,214	0
SComplexByronOpt2-27	Southern Complex	S. Complex Byron Tract Alt 3	0	18	0	0
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	0	3	1,252	0
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	0	8	886	0
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	0	8	299	0
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	0	1	0	0
SComplexByronOpt2-34	Southern Complex	S. Complex Byron Tract Alt 3	0	4	318	0
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	0	7	0	0
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	0	3	257	0
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	0	6	0	0
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	0	2	72	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	0	1	398	0
SComplexByronOpt2-44	Southern Complex	S. Complex Byron Tract Alt 3	0	0	1,535	0
SComplexByronOpt2-45	Southern Complex	S. Complex Byron Tract Alt 3	0	27	0	0
SComplexByronOpt2-46	Southern Complex	S. Complex Byron Tract Alt 3	0	8	561	0
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	0	8	3	0
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	2	13	4,098	0
SComplexByronOpt2-55	Southern Complex	S. Complex Byron Tract Alt 3	2	13	4,098	0
SComplexByronOpt5-3	Southern Complex	S. Complex Byron Tract Alt 2b	0	7	1,303	0
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	0	1	468	0
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	1	15	686	0
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	0	0
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	0	1	29	0
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	50	0
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	0	28	329	0
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	0	2	217	0
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	0	3	94	0
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	0	1	124	0
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	0	21	1,504	0
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	29	0
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	21	0
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	0	1	52	0
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	51	0
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	0	9	1,515	0
SComplexByronOpt5-24	Southern Complex	S. Complex Byron Tract Alt 2b	5	2	0	0
SComplexByronOpt5-25	Southern Complex	S. Complex Byron Tract Alt 2b	0	57	7,303	0
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	0	35	7,209	0
SComplexByronOpt5-27	Southern Complex	S. Complex Byron Tract Alt 2b	0	18	0	0
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	0	5	1,841	0
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	0	8	881	0
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	0	6	231	0
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	0	1	0	0
SComplexByronOpt5-34	Southern Complex	S. Complex Byron Tract Alt 2b	0	4	328	0
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	0	7	0	0
SComplexByronOpt5-37	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	0	0
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	0	8	627	0
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	0	7	0	0
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	0	3	98	0
SComplexByronOpt5-43	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	368	0
SComplexByronOpt5-44	Southern Complex	S. Complex Byron Tract Alt 2b	0	0	1,413	0
SComplexByronOpt5-45	Southern Complex	S. Complex Byron Tract Alt 2b	0	25	0	0
SComplexByronOpt5-46	Southern Complex	S. Complex Byron Tract Alt 2b	0	8	542	0
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	0	3	2	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt5-55	Southern Complex	S. Complex Byron Tract Alt 2b	1	12	3,857	0
SComplexByronOpt6-3	Southern Complex	S. Complex Byron Tract Alt 4b	0	7	1,303	0
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	0	1	468	0
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	1	14	655	0
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	0	0	0	0
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	0	1	29	0
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	0	0	59	0
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	0	30	348	0
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	0	2	219	0
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	0	3	94	0
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	0	2	173	0
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	0	9	638	0
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	0	0	29	0
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	0	0	20	0
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	0	1	50	0
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	0	0	50	0
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	0	13	2,102	0
SComplexByronOpt6-24	Southern Complex	S. Complex Byron Tract Alt 4b	5	2	0	0
SComplexByronOpt6-25	Southern Complex	S. Complex Byron Tract Alt 4b	0	57	7,303	0
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	0	35	7,214	0
SComplexByronOpt6-27	Southern Complex	S. Complex Byron Tract Alt 4b	0	18	0	0
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	0	2	643	0
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	0	8	881	0
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	0	16	622	0
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	0	1	0	0
SComplexByronOpt6-34	Southern Complex	S. Complex Byron Tract Alt 4b	0	4	328	0
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	0	7	0	0
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	0	8	627	0
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	0	7	0	0
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	0	2	73	0
SComplexByronOpt6-43	Southern Complex	S. Complex Byron Tract Alt 4b	0	0	370	0
SComplexByronOpt6-44	Southern Complex	S. Complex Byron Tract Alt 4b	0	0	1,679	0
SComplexByronOpt6-45	Southern Complex	S. Complex Byron Tract Alt 4b	0	8	0	0
SComplexByronOpt6-46	Southern Complex	S. Complex Byron Tract Alt 4b	0	8	542	0
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	0	5	2	0
SComplexByronOpt6-55	Southern Complex	S. Complex Byron Tract Alt 4b	1	12	3,827	0
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	1
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	2
SComplexByronOpt9-3	Southern Complex	S. Complex Byron Tract Alt 2a	0	7	1,303	3
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	0	2	655	4
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	2	17	819	5
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	6

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	0	1	29	7
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	57	8
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	0	32	373	9
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	0	3	366	10
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	0	3	94	11
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	0	2	194	12
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	0	9	128	13
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	30	14
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	21	15
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	0	1	53	16
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	51	17
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	18
SComplexByronOpt9-22	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	19
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	0	10	1,676	20
SComplexByronOpt9-24	Southern Complex	S. Complex Byron Tract Alt 2a	5	2	0	21
SComplexByronOpt9-25	Southern Complex	S. Complex Byron Tract Alt 2a	0	50	7,332	22
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	0	35	7,214	23
SComplexByronOpt9-27	Southern Complex	S. Complex Byron Tract Alt 2a	0	18	0	24
SComplexByronOpt9-28	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	25
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	0	3	1,258	26
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	0	8	882	27
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	0	7	279	28
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	29
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	0	1	0	30
SComplexByronOpt9-34	Southern Complex	S. Complex Byron Tract Alt 2a	0	8	694	31
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	32
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	0	5	0	33
SComplexByronOpt9-37	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	34
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	0	3	257	35
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	36
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	0	5	0	37
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	0	2	84	38
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	0	1	433	39
SComplexByronOpt9-44	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	40
SComplexByronOpt9-45	Southern Complex	S. Complex Byron Tract Alt 2a	0	27	865	41
SComplexByronOpt9-46	Southern Complex	S. Complex Byron Tract Alt 2a	0	8	581	42
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	0	4	3	43
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	44
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	45
SComplexByronOpt9-51	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	46
SComplexByronOpt9-53	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	47
SComplexByronOpt9-54	Southern Complex	S. Complex Byron Tract Alt 2a	0	0	0	48

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt9-55	Southern Complex	S. Complex Byron Tract Alt 2a	2	15	4,683	49
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-3	Southern Complex	S. Complex Byron Tract Alt 4a	0	7	1,303	0
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	0	2	655	0
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	2	17	819	0
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	0	1	29	0
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	57	0
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	0	32	378	0
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	0	3	366	0
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	0	3	94	0
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	0	2	194	0
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	0	9	128	0
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	30	0
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	21	0
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	0	1	53	0
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	51	0
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-22	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	0	13	2,093	0
SComplexByronOpt10-24	Southern Complex	S. Complex Byron Tract Alt 4a	5	2	0	0
SComplexByronOpt10-25	Southern Complex	S. Complex Byron Tract Alt 4a	0	50	7,332	0
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	0	35	7,214	0
SComplexByronOpt10-27	Southern Complex	S. Complex Byron Tract Alt 4a	0	18	0	0
SComplexByronOpt10-28	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	0	3	1,258	0
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	0	8	882	0
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	0	7	280	0
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	0	1	0	0
SComplexByronOpt10-34	Southern Complex	S. Complex Byron Tract Alt 4a	0	8	694	0
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	0	5	0	0
SComplexByronOpt10-37	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	0	3	257	0
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	0	5	0	0
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	0	2	71	0
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	0	1	435	0
SComplexByronOpt10-44	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-45	Southern Complex	S. Complex Byron Tract Alt 4a	0	29	1,414	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt10-46	Southern Complex	S. Complex Byron Tract Alt 4a	0	9	579	0
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	0	8	3	0
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-51	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-53	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-54	Southern Complex	S. Complex Byron Tract Alt 4a	0	0	0	0
SComplexByronOpt10-55	Southern Complex	S. Complex Byron Tract Alt 4a	2	15	4,667	0
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-3	Southern Complex	S. Complex Byron Tract Alt 2c	0	7	1,303	0
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	0	2	655	0
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2c	6	61	2,880	0
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	23	0
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	27	0
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	53	0
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	0	29	341	0
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	0	2	347	0
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	0	3	89	0
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	0	2	180	0
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	0	8	607	0
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	28	0
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	20	0
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	0	1	50	0
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	29	0
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-22	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	0	10	1,676	0
SComplexByronOpt7-24	Southern Complex	S. Complex Byron Tract Alt 2c	5	2	0	0
SComplexByronOpt7-25	Southern Complex	S. Complex Byron Tract Alt 2c	0	50	7,332	0
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	0	35	7,214	0
SComplexByronOpt7-27	Southern Complex	S. Complex Byron Tract Alt 2c	0	18	0	0
SComplexByronOpt7-28	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	0	3	1,258	0
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	0	8	886	0
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	0	6	241	0
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	0	1	0	0
SComplexByronOpt7-34	Southern Complex	S. Complex Byron Tract Alt 2c	0	4	318	0
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	0	7	0	0
SComplexByronOpt7-37	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	0	3	255	0
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	0	6	0	0
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	0	2	93	0
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	383	0
SComplexByronOpt7-44	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-45	Southern Complex	S. Complex Byron Tract Alt 2c	0	25	865	0
SComplexByronOpt7-46	Southern Complex	S. Complex Byron Tract Alt 2c	0	8	549	0
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	0	6	5	0
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-51	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-53	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-54	Southern Complex	S. Complex Byron Tract Alt 2c	0	0	0	0
SComplexByronOpt7-55	Southern Complex	S. Complex Byron Tract Alt 2c	2	13	4,110	0
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-3	Southern Complex	S. Complex Byron Tract Alt 4c	0	7	1,303	0
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	0	2	655	0
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4c	6	61	2,880	0
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	38	0
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	27	0
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	53	0
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	0	29	341	0
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	0	2	347	0
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	0	3	89	0
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	0	2	180	0
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	0	8	607	0
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	28	0
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	20	0
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	0	1	50	0
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	29	0
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-22	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	0	10	1,676	0
SComplexByronOpt8-24	Southern Complex	S. Complex Byron Tract Alt 4c	5	2	0	0
SComplexByronOpt8-25	Southern Complex	S. Complex Byron Tract Alt 4c	0	50	7,332	0
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	0	35	7,214	0
SComplexByronOpt8-27	Southern Complex	S. Complex Byron Tract Alt 4c	0	18	0	0
SComplexByronOpt8-28	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	0	3	1,258	0
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	0	8	886	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	0	6	241	0
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	0	1	0	0
SComplexByronOpt8-34	Southern Complex	S. Complex Byron Tract Alt 4c	0	4	318	0
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	0	7	0	0
SComplexByronOpt8-37	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	0	3	255	0
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	0	6	0	0
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	0	2	102	0
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	0	1	400	0
SComplexByronOpt8-44	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-45	Southern Complex	S. Complex Byron Tract Alt 4c	0	26	809	0
SComplexByronOpt8-46	Southern Complex	S. Complex Byron Tract Alt 4c	0	8	526	0
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	0	8	3	0
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-51	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-53	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-54	Southern Complex	S. Complex Byron Tract Alt 4c	0	0	0	0
SComplexByronOpt8-55	Southern Complex	S. Complex Byron Tract Alt 4c	2	13	4,110	0
BethAqueductOptB2B10-03	Aqueduct	Bethany Aqueduct	1	26	0	0
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	0	2	231	0
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	0	2	247	0
BethAqueductOptB2B10-07	Aqueduct	Bethany Aqueduct	0	63	18,711	0
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	0	2	235	0
BethAqueductOptB2B10-09	Aqueduct	Bethany Aqueduct	0	0	252	0
BethAqueductOptB2B10-10	Aqueduct	Bethany Aqueduct	0	0	240	0
BethAqueductOptB2B10-12	Aqueduct	Bethany Aqueduct	0	3	1,150	0
BethAqueductOptB2B10-14	Aqueduct	Bethany Aqueduct	0	15	2,094	0
BethAqueductOptB2B10-15	Aqueduct	Bethany Aqueduct	0	0	43	0
BethAqueductOptB2B10-16	Aqueduct	Bethany Aqueduct	0	0	1,616	0
BethAqueductOptB2B10-17	Aqueduct	Bethany Aqueduct	0	0	0	0
BethComplex_N_Access_B-01	Roads	Bethany Complex N Access	0	18	1,678	0
BethComplex_N_Access_B-02	Roads	Bethany Complex N Access	0	10	2,500	0
BethComplex_N_Access_B-05	Roads	Bethany Complex N Access	0	0	342	0
BethComplex_S_Access_B-01	Roads	Bethany Complex S Access	0	14	906	0
BethComplex_S_Access_B-04	Roads	Bethany Complex S Access	0	9	2,355	0
BethComplex_S_Access_B-08	Roads	Bethany Complex S Access	0	0	532	0
Franklin_Access_B-01	Roads	Bethany Franklin Access	0	17	1,684	0
Franklin_Access_B-02	Roads	Bethany Franklin Access	0	5	1,052	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
Franklin_Access_B-05	Roads	Bethany Franklin Access	0	0	451	0
Kelso_Access_B-01	Roads	Bethany Kelso Access	0	19	1,740	0
Kelso_Access_B-02	Roads	Bethany Kelso Access	0	8	2,088	0
Kelso_Access_B-05	Roads	Bethany Kelso Access	0	0	1,305	0
LowerRobert_Access_B-01	Roads	Bethany Lower Roberts Access	0	19	1,720	0
LowerRobert_Access_B-02	Roads	Bethany Lower Roberts Access	0	9	2,177	0
LowerRobert_Access_B-06	Roads	Bethany Lower Roberts Access	0	0	1,580	0
LowerRobert_Levee_B-01	Levees	Bethany Lower Roberts Levee	0	2	728	0
LowerRobert_RailAccess_B-03	Rail	Bethany Lower Roberts Rail Access	0	38	4,370	0
LowerRobert_RailAccess_B-04	Rail	Bethany Lower Roberts Rail Access	0	10	2,375	0
LowerRobert_RailAccess_B-06	Rail	Bethany Lower Roberts Rail Access	0	0	1,913	0
LowerRobert_RailAccess_B-07	Rail	Bethany Lower Roberts Rail Access	0	0	1,777	0
LowerRobert_RailAccess_B-08	Rail	Bethany Lower Roberts Rail Access	0	5	0	0
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	0	2	718	0
LowerRobertOptB2_Shaft_B-03	Shafts	Lower Roberts Shaft Alt 5	0	37	810	0
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	0	0	379	0
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	0	1	0	0
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	0	0	1,950	0
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	0	0	1,712	0
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	0	0	1,045	0
LowerRobertOptB2_Shaft_B-14	Shafts	Lower Roberts Shaft Alt 5	0	6	0	0
BethReservoir_Access_B-01	Roads	Bethany Reservoir Access	0	20	1,770	0
BethReservoir_Access_B-03	Roads	Bethany Reservoir Access	0	10	2,489	0
BethReservoir_Access_B-05	Roads	Bethany Reservoir Access	0	0	1,327	0
BethReservoirOptB2B10-05	Bethany Reservoir	Bethany Reservoir	0	0	5,802	0
BethReservoirOptB2B10-06	Bethany Reservoir	Bethany Reservoir	0	0	117	0
BethReservoirOptB2B10-09	Bethany Reservoir	Bethany Reservoir	0	0	361	0
BethReservoirOptB2B10-11	Bethany Reservoir	Bethany Reservoir	0	1	0	0
BethReservoirOptB2B10-12	Bethany Reservoir	Bethany Reservoir	0	3	0	0
BethReservoirOptB2B10-13	Bethany Reservoir	Bethany Reservoir	0	10	0	0
UnionOptB2_Shaft_B-01	Shafts	Union Island Shaft Alt 5	0	2	0	0
UnionOptB2_Shaft_B-04	Shafts	Union Island Shaft Alt 5	0	9	0	0
UpperJonesOptB2_Shaft_B-02	Shafts	Upper Jones Shaft Alt 5	0	2	0	0
UpperJonesOptB2_Shaft_B-04	Shafts	Upper Jones Shaft Alt 5	0	10	211	0
UpperJonesOptB2_Shaft_B-05	Shafts	Upper Jones Shaft Alt 5	0	0	33	0
UpperJonesOptB2_Shaft_B-07	Shafts	Upper Jones Shaft Alt 5	0	0	188	0
UpperJonesOptB2_Shaft_B-10	Shafts	Upper Jones Shaft Alt 5	0	0	908	0
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	6	4	466	0
TwinCitiesOptB2_Shaft_B-10	Shafts	Twin Cities Shaft Alt 5	0	0	157	0
TwinCitiesOptB2_Shaft_B-11	Shafts	Twin Cities Shaft Alt 5	0	0	37	0
TwinCitiesOptB2_Shaft_B-12	Shafts	Twin Cities Shaft Alt 5	0	0	138	0
TwinCitiesOptB2_Shaft_B-13	Shafts	Twin Cities Shaft Alt 5	0	0	1,164	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
TwinCitiesOptB2_Shaft_B-16	Shafts	Twin Cities Shaft Alt 5	0	0	1,164	0
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	0	8	1,927	0
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	0	8	1,722	0
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	0	8	1,525	0
TwinCitiesOptB2_Shaft_B-29	Shafts	Twin Cities Shaft Alt 5	3	27	0	0
TwinCitiesOptB2_Shaft_B-5	Shafts	Twin Cities Shaft Alt 5	0	23	5,670	0
TwinCitiesOptB2_Shaft_B-6	Shafts	Twin Cities Shaft Alt 5	0	21	42,897	0
TwinCitiesOptB2_Shaft_B-7	Shafts	Twin Cities Shaft Alt 5	0	11	485	0
TwinCitiesOptB2_Shaft_B-8	Shafts	Twin Cities Shaft Alt 5	0	59	0	0
TwinCitiesOptB2_Shaft_B-9	Shafts	Twin Cities Shaft Alt 5	0	0	11	0
BethComplexOptB2-01	Bethany Complex	Bethany Complex	1	6	0	0
BethComplexOptB2-03	Bethany Complex	Bethany Complex	0	0	257	0
BethComplexOptB2-06	Bethany Complex	Bethany Complex	1	7	633	0
BethComplexOptB2-07	Bethany Complex	Bethany Complex	0	76	731	0
BethComplexOptB2-10	Bethany Complex	Bethany Complex	0	4	652	0
BethComplexOptB2-13	Bethany Complex	Bethany Complex	0	22	1,367	0
BethComplexOptB2-14	Bethany Complex	Bethany Complex	0	15	124	0
BethComplexOptB2-15	Bethany Complex	Bethany Complex	0	1	0	0
BethComplexOptB2-16	Bethany Complex	Bethany Complex	0	9	1,680	0
BethComplexOptB2-18	Bethany Complex	Bethany Complex	0	21	0	0
BethComplexOptB2-19	Bethany Complex	Bethany Complex	0	13	3,813	0
BethComplexOptB2-25	Bethany Complex	Bethany Complex	0	4	939	0
BethComplexOptB2-28	Bethany Complex	Bethany Complex	0	2	362	0
BethComplexOptB2-32	Bethany Complex	Bethany Complex	0	0	6	0
BethComplexOptB2-33	Bethany Complex	Bethany Complex	0	0	3	0
BethComplexOptB2-34	Bethany Complex	Bethany Complex	0	0	7	0
BethComplexOptB2-35	Bethany Complex	Bethany Complex	0	0	23	0
BethComplexOptB2-42	Bethany Complex	Bethany Complex	0	4	0	0
KingIslandOptB2_Shaft_B-1	Shafts	King Island Shaft Alt 5	1	1	0	0
KingIslandOptB2_Shaft_B-3	Shafts	King Island Shaft Alt 5	0	7	302	0
KingIslandOptB2_Shaft_B-4	Shafts	King Island Shaft Alt 5	0	0	30	0
KingIslandOptB2_Shaft_B-5	Shafts	King Island Shaft Alt 5	0	0	55	0
KingIslandOptB2_Shaft_B-6	Shafts	King Island Shaft Alt 5	0	0	270	0
KingIslandOptB2_Shaft_B-7	Shafts	King Island Shaft Alt 5	0	0	2	0
KingIslandOptB2_Shaft_B-8	Shafts	King Island Shaft Alt 5	0	0	687	0
KingIslandOptB2_Shaft_B-9	Shafts	King Island Shaft Alt 5	0	0	353	0
KingIslandOptB2_Shaft_B-11	Shafts	King Island Shaft Alt 5	0	0	55	0
KingIslandOptB2_Shaft_B-13	Shafts	King Island Shaft Alt 5	0	0	48	0
TerminousOptB2_Shaft_B-1	Shafts	Terminous Shaft Alt 5	3	6	0	0
TerminousOptB2_Shaft_B-3	Shafts	Terminous Shaft Alt 5	0	7	298	0
TerminousOptB2_Shaft_B-4	Shafts	Terminous Shaft Alt 5	0	0	56	0
TerminousOptB2_Shaft_B-5	Shafts	Terminous Shaft Alt 5	0	0	109	0

Code	Feature Category	Feature	Grading (acres/day)	Dozing (hr./day)	Cut/fill (cy/day)	Dredge (cy/day)
TerminousOptB2_Shaft_B-6	Shafts	Terminous Shaft Alt 5	0	0	154	0
TerminousOptB2_Shaft_B-8	Shafts	Terminous Shaft Alt 5	0	0	121	0
CM_Pond-1	Compensatory Mitigation	I-5 Ponds	24	24	0	0
CM_Pond-2	Compensatory Mitigation	I-5 Ponds	0	0	0	4,000
CM_Pond-3	Compensatory Mitigation	I-5 Ponds	0	0	0	4,000
CM_Pond-4	Compensatory Mitigation	I-5 Ponds	24	24	0	0
CM_Pond-5	Compensatory Mitigation	I-5 Ponds	0	0	0	4,000
CM_Pond-6	Compensatory Mitigation	I-5 Ponds	24	24	0	0
CM_Pond-7	Compensatory Mitigation	I-5 Ponds	0	0	0	4,000
CM_Pond-8	Compensatory Mitigation	I-5 Ponds	0	0	0	4,000
CM_Pond-9	Compensatory Mitigation	I-5 Ponds	5	0	0	0
CM_Pond-10	Compensatory Mitigation	I-5 Ponds	40	0	0	0
CM_Pond-11	Compensatory Mitigation	I-5 Ponds	60	0	0	0
CM_Bouldin-1	Compensatory Mitigation	Bouldin Island	60	0	0	0
CM_Bouldin-2	Compensatory Mitigation	Bouldin Island	0	0	5,600	0
CM_Bouldin-4	Compensatory Mitigation	Bouldin Island	60	0	5,600	0
CM_Bouldin-5	Compensatory Mitigation	Bouldin Island	0	0	0	4,000
CM_Bouldin-6	Compensatory Mitigation	Bouldin Island	60	0	0	0

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Table 23B-13. Construction Assumptions—Reusable Tunnel Material Movement

Code	Feature Category	Feature	Conveyor (cy/day)	Conveyor (transfer)	Loading (cy/day)
RTMOpt1-1	RTM - Twin Cities	Twin Cities RTM Alt 1	2,440	4	2,318
RTMOpt1-2	RTM - Twin Cities	Twin Cities RTM Alt 1	2,440	4	2,318
RTMOpt1-3	RTM - Bouldin	Bouldin RTM Alt 1	2,440	3	0
RTMOpt1-4	RTM - Byron Tract	Byron Tract RTM Alt 1	2,440	5	0
RTMOpt1-5	RTM - Byron Tract	Byron Tract RTM Alt 1	2,606	4	0
RTMOpt2-1	RTM - Twin Cities	Twin Cities RTM Alt 3	2,440	4	2,318
RTMOpt2-2	RTM - Twin Cities	Twin Cities RTM Alt 3	2,440	4	2,318
RTMOpt2-3	RTM - Lower Roberts	Lower Roberts RTM Alt 3	2,440	6	0
RTMOpt2-4	RTM - Byron Tract	Byron Tract RTM Alt 3	2,440	5	0
RTMOpt2-5	RTM - Byron Tract	Byron Tract RTM Alt 3	2,606	4	0
RTMOpt5-1	RTM - Twin Cities	Twin Cities RTM Alt 2b	1,608	4	1,528
RTMOpt5-2	RTM - Twin Cities	Twin Cities RTM Alt 2b	1,608	4	1,528
RTMOpt5-3	RTM - Bouldin	Bouldin RTM Alt 2b	1,608	3	0
RTMOpt5-4	RTM - Byron Tract	Byron Tract RTM Alt 2b	1,608	5	0
RTMOpt5-5	RTM - Byron Tract	Byron Tract RTM Alt 2b	2,606	4	0
RTMOpt6-1	RTM - Twin Cities	Twin Cities RTM Alt 4b	1,608	4	1,528
RTMOpt6-2	RTM - Twin Cities	Twin Cities RTM Alt 4b	1,608	4	1,528
RTMOpt6-3	RTM - Lower Roberts	Lower Roberts RTM Alt 4b	1,608	6	0
RTMOpt6-4	RTM - Byron Tract	Byron Tract RTM Alt 4b	1,608	5	0
RTMOpt6-5	RTM - Byron Tract	Byron Tract RTM Alt 4b	2,606	4	0
RTMOpt7-1	RTM - Twin Cities	Twin Cities RTM Alt 2c	2,091	4	1,986
RTMOpt7-2	RTM - Twin Cities	Twin Cities RTM Alt 2c	2,091	4	1,986
RTMOpt7-3	RTM - Bouldin	Bouldin RTM Alt 2c	2,091	3	0
RTMOpt7-4	RTM - Byron Tract	Byron Tract RTM Alt 2c	2,091	5	0
RTMOpt7-5	RTM - Byron Tract	Byron Tract RTM Alt 2c	2,606	4	0
RTMOpt8-1	RTM - Twin Cities	Twin Cities RTM Alt 4c	2,091	4	1,986
RTMOpt8-2	RTM - Twin Cities	Twin Cities RTM Alt 4c	2,091	4	1,986
RTMOpt8-3	RTM - Lower Roberts	Lower Roberts RTM Alt 4c	2,091	6	0
RTMOpt8-4	RTM - Byron Tract	Byron Tract RTM Alt 4c	2,091	5	0
RTMOpt8-5	RTM - Byron Tract	Byron Tract RTM Alt 4c	2,606	4	0
RTMOpt9-1	RTM - Twin Cities	Twin Cities RTM Alt 2a	2,798	4	2,658
RTMOpt9-2	RTM - Twin Cities	Twin Cities RTM Alt 2a	2,798	4	2,658
RTMOpt9-3	RTM - Bouldin	Bouldin RTM Alt 2a	2,798	3	0
RTMOpt9-4	RTM - Byron Tract	Byron Tract RTM Alt 2a	2,798	5	0
RTMOpt9-5	RTM - Byron Tract	Byron Tract RTM Alt 2a	2,798	4	0
RTMOpt9-6	RTM - South Delta	South Delta RTM Alt 2a	1,084	4	1,084
RTMOpt10-1	RTM - Twin Cities	Twin Cities RTM Alt 4a	2,798	4	2,658
RTMOpt10-2	RTM - Twin Cities	Twin Cities RTM Alt 4a	2,798	4	2,658
RTMOpt10-3	RTM - Lower Roberts	Lower Roberts RTM 4a	2,798	6	0
RTMOpt10-4	RTM - Byron Tract	Byron Tract RTM Alt 4a	2,798	5	0
RTMOpt10-5	RTM - Byron Tract	Byron Tract RTM Alt 4a	2,798	4	0
RTMOpt10-6	RTM - South Delta	South Delta RTM Alt 4a	1,084	4	1,084
RTMOptB2-1	RTM - Twin Cities	Twin Cities RTM Alt 5	2,440	4	0

Code	Feature Category	Feature	Conveyor (cy/day)	Conveyor (transfer)	Loading (cy/day)
RTMOptB2-2	RTM - Twin Cities	Twin Cities RTM Alt 5	2,440	4	0
RTMOptB2-3	RTM - Lower Roberts	Lower Roberts RTM Alt 5	2,440	4	0
RTMOptB2-4	RTM - Lower Roberts	Lower Roberts RTM Alt 5	2,440	4	0
StockOptB2-4	RTM - B. Complex	Bethany Complex Stockpile Alt 5	0	0	1,621

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Table 23B-14. Construction Assumptions—Reusable Tunnel Material Stockpiles

Code	Feature Category	Feature	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Pile Acres by Year [a]														
StockOpt1-1	RTM - Twin Cities	Twin Cities Stockpile Alt 1 - North	0	0	66	66	66	66	66	66	66	0	0	0
StockOpt1-1	RTM - Twin Cities	Twin Cities Stockpile Alt 1 - South	0	0	107	107	107	107	107	107	107	130	0	0
StockOpt1-2	RTM - Bouldin	Bouldin Stockpile Alt 1	0	0	0	196	196	196	196	196	0	0	0	0
StockOpt1-3	RTM - S. Complex	S. Complex Stockpile Alt 1	0	0	289	289	289	289	289	289	289	0	0	0
StockOpt2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 3 - North	0	0	66	66	66	66	66	66	66	0	0	0
StockOpt2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 3 - South	0	0	107	107	107	107	107	107	107	159	0	0
StockOpt2-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 3	0	0	0	196	196	196	196	196	196	71	0	0
StockOpt2-3	RTM - S. Complex	S. Complex Stockpile Alt 3	0	0	289	289	289	289	289	289	289	289	289	30
StockOpt5-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2b - North	0	0	0	17	17	17	17	17	0	0	0	0
StockOpt5-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2b - South	0	0	42	42	42	42	42	42	15	0	0	0
StockOpt5-2	RTM - Bouldin	Bouldin Stockpile Alt 2b	0	0	0	129	129	129	129	129	0	0	0	0
StockOpt5-3	RTM - S. Complex	S. Complex Stockpile Alt 2b	0	0	289	289	289	289	289	289	289	0	0	0
StockOpt6-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4b - North	0	0	0	20	20	20	20	20	0	0	0	0
StockOpt6-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4b - South	0	0	44	44	44	44	44	44	15	0	0	0
StockOpt6-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4b	0	0	0	129	129	129	129	129	33	0	0	0
StockOpt6-3	RTM - S. Complex	S. Complex Stockpile Alt 4b	0	0	289	289	289	289	289	289	289	0	0	0
StockOpt7-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2c - North	0	0	39	39	39	39	39	39	39	0	0	0
StockOpt7-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2c - South	0	0	70	70	70	70	70	70	70	52	0	0
StockOpt7-2	RTM - Bouldin	Bouldin Stockpile Alt 2c	0	0	0	168	168	168	168	168	0	0	0	0
StockOpt7-3	RTM - S. Complex	S. Complex Stockpile Alt 2c	0	0	289	289	289	289	289	289	289	0	0	0
StockOpt8-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4c - North	0	0	43	43	43	43	43	43	0	0	0	0
StockOpt8-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4c - South	0	0	67	67	67	67	67	67	84	0	0	0
StockOpt8-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4c	0	0	0	168	168	168	168	168	50	0	0	0
StockOpt8-3	RTM - S. Complex	S. Complex Stockpile Alt 4c	0	0	289	289	289	289	289	289	289	289	17	0
StockOpt9-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2a - North	0	0	94	94	94	94	94	94	94	94	0	0
StockOpt9-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2a - South	0	0	132	132	132	132	132	132	132	132	275	0
StockOpt9-2	RTM - Bouldin	Bouldin Stockpile Alt 2a	0	0	0	225	225	225	225	225	225	0	0	0
StockOpt9-3	RTM - S. Complex	S. Complex Stockpile Alt 2a	0	0	0	225	225	225	225	225	225	0	0	0
StockOpt10-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4a - North	0	0	99	99	99	99	99	99	99	99	0	0
StockOpt10-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4a - South	0	0	122	122	122	122	122	122	122	122	291	0
StockOpt10-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4a	0	0	0	225	225	225	225	225	225	93	0	0
StockOpt10-3	RTM - S. Complex	S. Complex Stockpile Alt 4a	0	0	289	289	289	289	289	289	289	289	289	51
StockOptB2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 5 - North	0	0	196	196	196	196	196	196	196	0	0	0
StockOptB2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 5 - South	0	0	196	196	196	196	196	196	196	214	0	0
StockOptB2-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 5 - A	0	0	0	196	196	196	196	196	196	0	0	0
StockOptB2-3	RTM - Lower Roberts	Lower Roberts Stockpile Alt 5 - B	0	0	196	196	196	196	196	196	196	196	0	0
StockOptB2-4	RTM - B. Complex	Bethany Complex Stockpile Alt 5	59	59	59	59	59	59	59	59	0	0	0	0

Code	Feature Category	Feature	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Pile Height (feet) by Year [a]														
StockOpt1-1	RTM - Twin Cities	Twin Cities Stockpile Alt 1 - North	0	0	1	4	7	12	13	8	2	0	0	0
StockOpt1-1	RTM - Twin Cities	Twin Cities Stockpile Alt 1 - South	0	0	2	3	3	7	10	13	16	15	0	0
StockOpt1-2	RTM - Bouldin	Bouldin Stockpile Alt 1	0	0	0	1	3	5	7	8	0	0	0	0
StockOpt1-3	RTM - S. Complex	S. Complex Stockpile Alt 1	0	0	1	1	3	5	6	9	10	0	0	0
StockOpt2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 3 - North	0	0	1	4	9	14	16	11	9	0	0	0
StockOpt2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 3 - South	0	0	2	4	6	9	12	15	16	15	0	0
StockOpt2-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 3	0	0	0	1	2	4	5	7	7	15	0	0
StockOpt2-3	RTM - S. Complex	S. Complex Stockpile Alt 3	0	0	1	1	3	5	6	9	10	11	11	15
StockOpt5-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2b - North	0	0	0	2	5	15	1	1	0	0	0	0
StockOpt5-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2b - South	0	0	1	1	1	6	4	1	15	0	0	0
StockOpt5-2	RTM - Bouldin	Bouldin Stockpile Alt 2b	0	0	0	1	3	5	6	7	0	0	0	0
StockOpt5-3	RTM - S. Complex	S. Complex Stockpile Alt 2b	0	0	1	2	3	4	6	8	10	0	0	0
StockOpt6-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4b - North	0	0	0	5	15	24	1	1	0	0	0	0
StockOpt6-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4b - South	0	0	2	4	5	10	14	6	15	0	0	0
StockOpt6-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4b	0	0	0	0	1	3	4	5	15	0	0	0
StockOpt6-3	RTM - S. Complex	S. Complex Stockpile Alt 4b	0	0	1	2	3	4	6	8	10	0	0	0
StockOpt7-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2c - North	0	0	1	4	9	15	10	1	1	0	0	0
StockOpt7-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2c - South	0	0	2	2	2	6	10	12	8	15	0	0
StockOpt7-2	RTM - Bouldin	Bouldin Stockpile Alt 2c	0	0	0	1	3	5	6	7	0	0	0	0
StockOpt7-3	RTM - S. Complex	S. Complex Stockpile Alt 2c	0	0	1	1	3	4	6	8	10	0	0	0
StockOpt8-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4c - North	0	0	1	5	11	16	13	4	0	0	0	0
StockOpt8-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4c - South	0	0	2	4	6	10	13	17	15	0	0	0
StockOpt8-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4c	0	0	0	0	2	3	5	6	15	0	0	0
StockOpt8-3	RTM - S. Complex	S. Complex Stockpile Alt 4c	0	0	1	1	3	5	6	8	10	11	15	0
StockOpt9-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2a - North	0	0	1	3	6	10	14	18	17	17	15	0
StockOpt9-1	RTM - Twin Cities	Twin Cities Stockpile Alt 2a - South	0	0	2	3	4	7	10	12	15	18	15	0
StockOpt9-2	RTM - Bouldin	Bouldin Stockpile Alt 2a	0	0	0	1	3	5	7	8	9	0	0	0
StockOpt9-3	RTM - S. Complex	S. Complex Stockpile Alt 2a	0	0	1	1	3	5	6	8	9	0	0	0
StockOpt10-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4a - North	0	0	1	3	7	11	14	18	20	20	0	0
StockOpt10-1	RTM - Twin Cities	Twin Cities Stockpile Alt 4a - South	0	0	2	4	5	8	11	14	16	18	15	0
StockOpt10-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 4a	0	0	0	1	2	4	6	7	8	15	0	0
StockOpt10-3	RTM - S. Complex	S. Complex Stockpile Alt 4a	0	0	1	1	4	5	7	8	9	10	11	15
StockOptB2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 5 - North	0	0	1	2	4	5	7	7	7	0	0	0
StockOptB2-1	RTM - Twin Cities	Twin Cities Stockpile Alt 5 - South	0	0	2	3	5	7	8	10	9	15	0	0
StockOptB2-2	RTM - Lower Roberts	Lower Roberts Stockpile Alt 5 - A	0	0	0	1	2	4	6	7	7	0	0	0
StockOptB2-3	RTM - Lower Roberts	Lower Roberts Stockpile Alt 5 - B	0	0	0	1	3	5	7	8	10	11	0	0
StockOptB2-4	RTM - B. Complex	Bethany Complex Stockpile Alt 5	1	2	3	12	20	31	31	32	0	0	0	0

[a] Values rounded to the nearest whole number.

Table 23B-15. Construction Assumptions—Paving

Code	Feature Category	Feature	Paved (sf/day)
NewHope_Access_C-2	Roads	New Hope Access Central	74,598
NewHope_Access_C-3	Roads	New Hope Access Central	74,598
StatenIsland_Access_C-2	Roads	Staten Island Access Central	76,827
StatenIsland_Access_C-3	Roads	Staten Island Access Central	76,827
StatenIsland_Access_C-4	Roads	Staten Island Access Central	36,186
StatenIsland_Access_C-5	Roads	Staten Island Access Central	42,218
StatenIsland_Access_C-6	Roads	Staten Island Access Central	28,145
MandIsland_Access_C-12	Roads	Mandeville Access Central	34,668
MandIsland_Access_C-28	Roads	Mandeville Access Central	32,198
MandIsland_Access_C-29	Roads	Mandeville Access Central	12,879
Terminous_Access_E-5	Roads	Terminous Access Eastern	27,018
Bouldin_Access_C-7	Roads	Bouldin Access Central	88,245
Bouldin_Access_C-9	Roads	Bouldin Access Central	29,412
Bouldin_Access_C-10	Roads	Bouldin Access Central	29,412
SR12_Access_C-7	Roads	SR12 Access Central	118,650
SR12_Access_C-9	Roads	SR12 Access Central	72,702
SR12_Access_C-10	Roads	SR12 Access Central	42,269
LowerRoberts_Access_E-8	Roads	Lower Roberts Access Eastern	48,820
LowerRoberts_Access_E-10	Roads	Lower Roberts Access Eastern	20,342
LowerRoberts_Access_E-11	Roads	Lower Roberts Access Eastern	36,986
Dierssen_Access-6	Roads	Dierssen Access	25,110
Dierssen_Access-8	Roads	Dierssen Access	29,760
Dierssen_Access-9	Roads	Dierssen Access	22,320
Franklin_Access-6	Roads	Franklin Access	25,110
Franklin_Access-8	Roads	Franklin Access	110,415
Franklin_Access-9	Roads	Franklin Access	82,811
TwinCities_Access-4	Roads	Twin Cities Access	20,826
TwinCities_Access-5	Roads	Twin Cities Access	30,855
TwinCities_Access-6	Roads	Twin Cities Access	18,513
Lambert_Access-5	Roads	Lambert Access	66,303
Lambert_Access-7	Roads	Lambert Access	49,110
Lambert_Access-8	Roads	Lambert Access	36,833
LambertI5_Access-6	Roads	Lambert to I5 Access	35,924
LambertI5_Access-8	Roads	Lambert to I5 Access	39,915
LambertI5_Access-9	Roads	Lambert to I5 Access	11,226
I5I3_Access-6	Roads	I5 to I3 Access	54,963
I5I3_Access-8	Roads	I5 to I3 Access	30,540
I5I3_Access-9	Roads	I5 to I3 Access	18,324
I3I2_Access-6	Roads	I3 to I2 Access	9,801
I3I2_Access-8	Roads	I3 to I2 Access	16,335

Code	Feature Category	Feature	Paved (sf/day)
I3I2_Access-9	Roads	I3 to I2 Access	8,168
SR160_Access-1	Roads	SR160 Access	42,099
SR160_Access-2	Roads	SR160 Access	31,574
SR160_Access-3	Roads	SR160 Access	31,574
DiscovBay_Access-6	Roads	Discovery Bay Access	31,463
DiscovBay_Access-8	Roads	Discovery Bay Access	30,848
DiscovBay_Access-9	Roads	Discovery Bay Access	20,565
WesternFarm_Access-6	Roads	Western Farm Access	35,753
WesternFarm_Access-8	Roads	Western Farm Access	35,753
WesternFarm_Access-9	Roads	Western Farm Access	23,835
Bruhns_Access-7	Roads	Bruhns Access	48,353
Bruhns_Access-9	Roads	Bruhns Access	32,243
Bruhns_Access-10	Roads	Bruhns Access	21,495
HoodFrankOverlay_Access-1	Roads	Hood Franklin Overlay	48,618
HoodFrankOverlay_Access-2	Roads	Hood Franklin Overlay	48,618
HoodFrankOverlay_Access-3	Roads	Hood Franklin Overlay	34,727
BethanyPR-5	Park and Rides	Bethany PR	73,823
CWPR-5	Park and Rides	Charter Way PR	27,342
RVPR-6	Park and Rides	Rio Vista PR	30,870
BPR-6	Park and Rides	Byron PR	17,695
HFPR-6	Park and Rides	Hood Franklin PR	6,554
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	864
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	9,574
Intake3_3kcfs-22	Intakes	Intake 3 - 3,000 cfs	1,241
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	792
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	6,303
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	7,281
Intake5_3kcfs-22	Intakes	Intake 5 - 3,000 cfs	2,034
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	236
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	1,857
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	1,752
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	136
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	1
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	28
Intake2_1.5kcfs-18	Intakes	Intake 2 - 1,500 cfs	115
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	1,810
Intake2_1.5kcfs-22	Intakes	Intake 2 - 1,500 cfs	75
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	213
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	1,122
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	894
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	88

Code	Feature Category	Feature	Paved (sf/day)
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	67
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	1
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	42
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	1,485
Intake5_1.5kcfs-22	Intakes	Intake 5 - 1,500 cfs	103
Lambert_BatchPlantOpt12-7	Batch Plants	Lambert Road Batch Plant Alts 1-3	1,250
Lambert_BatchPlantOpt56-5	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	4,545
Lambert_BatchPlantOpt56-7	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	2,632
Lambert_BatchPlantOpt78-7A	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	1,316
Lambert_BatchPlantOpt78-7B	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	1,316
Lambert_BatchPlantOpt910-7A	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	2,632
Lambert_BatchPlantOpt910-7B	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	2,632
Lambert_BatchPlantOpt910-7C	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	2,778
SComplexWByronOpt9-10-2	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	1,830
SComplexWByronOpt9-10-31	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	167
SComplexByronOpt1-4	Southern Complex	S. Complex Byron Tract Alt 1	6,748
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	633
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	627
SComplexByronOpt1-53	Southern Complex	S. Complex Byron Tract Alt 1	39,248
SComplexByronOpt1-54	Southern Complex	S. Complex Byron Tract Alt 1	35,978
SComplexByronOpt2-4	Southern Complex	S. Complex Byron Tract Alt 3	6,156
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	633
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	685
SComplexByronOpt2-53	Southern Complex	S. Complex Byron Tract Alt 3	39,248
SComplexByronOpt2-54	Southern Complex	S. Complex Byron Tract Alt 3	35,978
SComplexByronOpt5-4	Southern Complex	S. Complex Byron Tract Alt 2b	4,414
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	487
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	707
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	571
SComplexByronOpt5-53	Southern Complex	S. Complex Byron Tract Alt 2b	35,978
SComplexByronOpt5-54	Southern Complex	S. Complex Byron Tract Alt 2b	39,248
SComplexByronOpt6-4	Southern Complex	S. Complex Byron Tract Alt 4b	4,414
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	343
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	690
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	792
SComplexByronOpt6-53	Southern Complex	S. Complex Byron Tract Alt 4b	35,978
SComplexByronOpt6-54	Southern Complex	S. Complex Byron Tract Alt 4b	43,173
SComplexByronOpt9-4	Southern Complex	S. Complex Byron Tract Alt 2a	6,179
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	1,140
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	685
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	631

Code	Feature Category	Feature	Paved (sf/day)
SComplexByronOpt9-53	Southern Complex	S. Complex Byron Tract Alt 2a	40,295
SComplexByronOpt9-54	Southern Complex	S. Complex Byron Tract Alt 2a	43,173
SComplexByronOpt10-4	Southern Complex	S. Complex Byron Tract Alt 4a	6,179
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	1,122
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	685
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	788
SComplexByronOpt10-53	Southern Complex	S. Complex Byron Tract Alt 4a	40,295
SComplexByronOpt10-54	Southern Complex	S. Complex Byron Tract Alt 4a	43,173
SComplexByronOpt7-4	Southern Complex	S. Complex Byron Tract Alt 2c	6,179
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	931
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	641
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	631
SComplexByronOpt7-53	Southern Complex	S. Complex Byron Tract Alt 2c	40,295
SComplexByronOpt7-54	Southern Complex	S. Complex Byron Tract Alt 2c	43,173
SComplexByronOpt8-4	Southern Complex	S. Complex Byron Tract Alt 4c	6,179
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	1,527
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	641
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	631
SComplexByronOpt8-53	Southern Complex	S. Complex Byron Tract Alt 4c	35,978
SComplexByronOpt8-54	Southern Complex	S. Complex Byron Tract Alt 4c	43,173
BethComplex_N_Access_B-07	Roads	Bethany Complex N Access	8,649
BethComplex_N_Access_B-10	Roads	Bethany Complex N Access	36,135
BethComplex_S_Access_B-09	Roads	Bethany Complex S Access	20,180
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	17,206
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	9,042
Franklin_Access_B-06	Roads	Bethany Franklin Access	46,170
Franklin_Access_B-08	Roads	Bethany Franklin Access	14,925
Franklin_Access_B-09	Roads	Bethany Franklin Access	14,925
Kelso_Access_B-06	Roads	Bethany Kelso Access	43,618
LowerRobert_Access_B-07	Roads	Bethany Lower Roberts Access	48,074
LowerRobert_Access_B-09	Roads	Bethany Lower Roberts Access	26,897
LowerRobert_Access_B-10	Roads	Bethany Lower Roberts Access	53,793
BethReservoir_Access_B-06	Roads	Bethany Reservoir Access	46,593
BethReservoir_Access_B-08	Roads	Bethany Reservoir Access	38,824
BethReservoir_Access_B-09	Roads	Bethany Reservoir Access	38,824
Union_Access_B-01	Roads	Bethany Union Island Access	42,319
Union_Access_B-02	Roads	Bethany Union Island Access	34,320
Union_Access_B-03	Roads	Bethany Union Island Access	160,131
UpperJones_Access_B-07	Roads	Bethany Upper Jones Access	40,086
BethComplexOptB2-41	Bethany Complex	Bethany Complex	1,200

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Table 23B-16. Construction Assumptions—Demolition

Feature	Alternative	Structures	Square Feet
Intakes	1, 3, 5	20	65,000
Intakes	2a, 4a	30	96,000
Intakes	2b, 4b	14	45,000
Intakes	2c, 4c	19	61,500
Southern Complex	1, 2a, 2b, 2c, 3, 4a, 4b, 4c	7	20,500
Bethany Aqueduct	5	3	9,500

Table 23B-17. Construction Assumptions—Onsite Batching

Code	Batching Location	Features Served	Alternative	Batch Rate (cy/day)	Total Batch (cy)
BatchOpt1-1	Lambert Road	Intake 3	1	106	172,797
BatchOpt1-2	Lambert Road	Intake 5	1	116	179,055
BatchOpt1-3	Lambert Road	Tunnels and Shafts Reach 1	1	76	17,615
BatchOpt1-4	Lambert Road	Tunnels and Shafts Reach 2	1	102	65,691
BatchOpt1-5	Bacon	Tunnels and Shafts Reach 3	1	35	17,112
BatchOpt1-6	Southern Complex	BT Pumping Plant	1	80	180,133
BatchOpt1-7	Southern Complex	Tunnels and Shafts Reach 4	1	142	53,067
BatchOpt1-8	Southern Complex	Tunnels and Shafts Reach 5E	1	134	43,286
BatchOpt1-9	Southern Complex	Tunnels and Shafts Reach 5W	1	94	30,798
BatchOpt1-10	Southern Complex	South Delta Connections	1	94	156,513
BatchOpt1-11	Southern Complex	Southern Forebay	1	73	27,221
BatchOpt2-1	Lambert Road	Intake 3	3	111	180,779
BatchOpt2-2	Lambert Road	Intake 5	3	121	186,847
BatchOpt2-3	Lambert Road	Tunnels and Shafts Reach 1	3	126	29,129
BatchOpt2-4	Lambert Road	Tunnels and Shafts Reach 2	3	158	102,021
BatchOpt2-5	Southern Complex	BT Pumping Plant	3	86	194,468
BatchOpt2-6	Southern Complex	Tunnels and Shafts Reach 4	3	218	81,353
BatchOpt2-7	Southern Complex	Tunnels and Shafts Reach 5E	3	201	65,045
BatchOpt2-8	Southern Complex	Tunnels and Shafts Reach 5W	3	160	52,481
BatchOpt2-9	Southern Complex	South Delta Connections	3	89	149,032
BatchOpt2-10	Southern Complex	Southern Forebay	3	98	36,192
BatchOpt5-1	Lambert Road	Intake 5	2b	121	186,847
BatchOpt5-2	Lambert Road	Tunnels and Shafts Reach 1	2b	272	11,702
BatchOpt5-3	Lambert Road	Tunnels and Shafts Reach 2	2b	144	92,644
BatchOpt5-4	Bacon	Tunnels and Shafts Reach 3	2b	44	21,549
BatchOpt5-5	Southern Complex	BT Pumping Plant	2b	90	187,307
BatchOpt5-6	Southern Complex	Tunnels and Shafts Reach 4	2b	210	78,434
BatchOpt5-7	Southern Complex	Tunnels and Shafts Reach 5E	2b	191	61,690
BatchOpt5-8	Southern Complex	Tunnels and Shafts Reach 5W	2b	155	48,532
BatchOpt5-9	Southern Complex	South Delta Connections	2b	89	149,032
BatchOpt5-10	Southern Complex	Southern Forebay	2b	98	36,192
BatchOpt6-1	Lambert Road	Intake 5	4b	121	186,847
BatchOpt6-2	Lambert Road	Tunnels and Shafts Reach 1	4b	272	11,702
BatchOpt6-3	Lambert Road	Tunnels and Shafts Reach 2	4b	143	92,363
BatchOpt6-4	Southern Complex	BT Pumping Plant	4b	92	187,307
BatchOpt6-5	Southern Complex	Tunnels and Shafts Reach 4	4b	210	78,434
BatchOpt6-6	Southern Complex	Tunnels and Shafts Reach 5E	4b	191	61,690
BatchOpt6-7	Southern Complex	Tunnels and Shafts Reach 5W	4b	155	48,532
BatchOpt6-8	Southern Complex	South Delta Connections	4b	89	149,032
BatchOpt6-9	Southern Complex	Southern Forebay	4b	98	36,192

Code	Batching Location	Features Served	Alternative	Batch Rate (cy/day)	Total Batch (cy)
BatchOpt7-1	Lambert Road	Intake 3	2c	129	180,779
BatchOpt7-2	Lambert Road	Intake 5	2c	88	111,787
BatchOpt7-3	Lambert Road	Tunnels and Shafts Reach 1	2c	114	26,273
BatchOpt7-4	Lambert Road	Tunnels and Shafts Reach 2	2c	149	96,000
BatchOpt7-5	Bacon	Tunnels and Shafts Reach 3	2c	52	25,615
BatchOpt7-6	Southern Complex	BT Pumping Plant	2c	86	187,307
BatchOpt7-7	Southern Complex	Tunnels and Shafts Reach 4	2c	208	77,418
BatchOpt7-8	Southern Complex	Tunnels and Shafts Reach 5E	2c	201	65,045
BatchOpt7-9	Southern Complex	Tunnels and Shafts Reach 5W	2c	100	52,481
BatchOpt7-10	Southern Complex	South Delta Connections	2c	89	149,032
BatchOpt7-11	Southern Complex	Southern Forebay	2c	98	36,192
BatchOpt8-1	Lambert Road	Intake 3	4c	129	180,779
BatchOpt8-2	Lambert Road	Intake 5	4c	88	111,787
BatchOpt8-3	Lambert Road	Tunnels and Shafts Reach 1	4c	114	26,273
BatchOpt8-4	Lambert Road	Tunnels and Shafts Reach 2	4c	152	97,879
BatchOpt8-5	Southern Complex	BT Pumping Plant	4c	86	187,307
BatchOpt8-6	Southern Complex	Tunnels and Shafts Reach 4	4c	218	81,353
BatchOpt8-7	Southern Complex	Tunnels and Shafts Reach 5E	4c	201	65,045
BatchOpt8-8	Southern Complex	Tunnels and Shafts Reach 5W	4c	100	52,481
BatchOpt8-9	Southern Complex	South Delta Connections	4c	89	149,032
BatchOpt8-10	Southern Complex	Southern Forebay	4c	98	36,192
BatchOpt9-1	Lambert Road	Intake 2	2a	106	165,143
BatchOpt9-2	Lambert Road	Intake 3	2a	124	180,779
BatchOpt9-3	Lambert Road	Intake 5	2a	132	186,847
BatchOpt9-4	Lambert Road	Tunnels and Shafts Reach 1	2a	141	44,437
BatchOpt9-5	Lambert Road	Tunnels and Shafts Reach 2	2a	168	108,144
BatchOpt9-6	Bacon	Tunnels and Shafts Reach 3	2a	63	30,901
BatchOpt9-7	Southern Complex	BT Pumping Plant	2a	94	224,903
BatchOpt9-8	Southern Complex	Tunnels and Shafts Reach 4	2a	226	84,278
BatchOpt9-9	Southern Complex	Tunnels and Shafts Reach 5E	2a	210	67,804
BatchOpt9-10	Southern Complex	Tunnels and Shafts Reach 5W	2a	106	55,449
BatchOpt9-11	Southern Complex	Tunnels and Shafts Reach 6 Jones Tunnel	2a	166	53,914
BatchOpt9-12	Southern Complex	South Delta Connections	2a	88	149,032
BatchOpt9-13	Southern Complex	Southern Forebay	2a	98	36,192
BatchOpt10-1	Lambert Road	Intake 2	4a	116	180,399
BatchOpt10-2	Lambert Road	Intake 3	4a	125	181,159
BatchOpt10-3	Lambert Road	Intake 5	4a	132	186,847
BatchOpt10-4	Lambert Road	Tunnels and Shafts Reach 1	4a	141	44,437
BatchOpt10-5	Lambert Road	Tunnels and Shafts Reach 2	4a	167	107,741
BatchOpt10-6	Southern Complex	BT Pumping Plant	4a	94	224,903
BatchOpt10-7	Southern Complex	Tunnels and Shafts Reach 4	4a	237	88,326

Code	Batching Location	Features Served	Alternative	Batch Rate (cy/day)	Total Batch (cy)
BatchOpt10-8	Southern Complex	Tunnels and Shafts Reach 5E	4a	210	67,804
BatchOpt10-9	Southern Complex	Tunnels and Shafts Reach 5W	4a	106	55,449
BatchOpt10-10	Southern Complex	Tunnels and Shafts Reach 6 Jones Tunnel	4a	154	53,914
BatchOpt10-11	Southern Complex	South Delta Connections	4a	88	149,032
BatchOpt10-12	Southern Complex	Southern Forebay	4a	98	36,192
BatchOptB2-1	Lambert Road	Intake 3	5	111	180,779
BatchOptB2-2	Lambert Road	Intake 5	5	121	186,847
BatchOptB2-3	Lambert Road	Tunnels and Shafts Reach 1	5	126	29,129
BatchOptB2-4	Lambert Road	Tunnels and Shafts Reach 2	5	158	102,021
BatchOptB2-5	Bethany Complex	Reach 4 Receptions Shaft	5	110	29,593
BatchOptB2-6	Bethany Complex	Pumping Plant Buildings	5	325	540,758
BatchOptB2-7	Bethany Complex	Surge Basin	5	49	80,658
BatchOptB2-8	Bethany Complex	Bethany Tunnels and Shaft	5	24	15,630
BatchOptB2-9	Bethany Complex	Reservoir Structure	5	20	25,844
BatchOptB2-10	Bethany Complex	Shaft Excavation	5	9	1,366
BatchOptB2-11	Bethany Complex	Aqueduct to Jones	5	127	137,185

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Table 23B-18. Construction Assumptions—Onsite Batch Plant Stockpiles

Batching Location	Alternative	Size (Acres)	Height (ft)
Lambert Road	1	0.2	10
Bacon	1	0.2	10
Southern Complex	1	0.2	10
Lambert Road	2a	0.2	10
Bacon	2a	0.2	10
Southern Complex	2a	0.2	10
Lambert Road	2b	0.2	10
Bacon	2b	0.2	10
Southern Complex	2b	0.2	10
Lambert Road	2c	0.2	10
Bacon	2c	0.2	10
Southern Complex	2c	0.2	10
Lambert Road	3	0.2	10
Southern Complex	3	0.2	10
Lambert Road	4a	0.2	10
Southern Complex	4a	0.2	10
Lambert Road	4b	0.2	10
Southern Complex	4b	0.2	10
Lambert Road	4c	0.2	10
Southern Complex	4c	0.2	10
Lambert Road	5	0.2	10
Bethany Complex	5	0.2	10

Table 23B-19. Construction Assumptions—Offsite Batching

Facility Location	Alternative	Total Batch (cy)
Sacramento	1	784,826
Lodi	1	47,412
Stockton	1	715,238
Tracy	1	664
Sacramento	2a	1,280,712
Lodi	2a	49,103
Stockton	2a	1,055,928
Tracy	2a	664
Sacramento	2b	260,335
Lodi	2b	46,003
Stockton	2b	352,066
Tracy	2b	664
Sacramento	2c	601,592
Lodi	2c	44,952
Stockton	2c	579,872
Tracy	2c	664
Sacramento	3	721,931
Lodi	3	15,456
Stockton	3	949,037
Tracy	3	664
Sacramento	4a	1,186,790
Lodi	4a	16,781
Stockton	4a	1,371,061
Tracy	4a	664
Sacramento	4b	236,854
Lodi	4b	11,702
Stockton	4b	483,095
Tracy	4b	664
Sacramento	4c	553,389
Lodi	4c	15,456
Stockton	4c	775,604
Tracy	4c	664
Sacramento	5	721,931
Lodi	5	15,456
Stockton	5	943,852
Tracy	5	664

Table 23B-20. Construction Assumptions—Tunnel Boring Machine Electricity Consumption (MWh/year)

Construction Year	Alternative 1	Alternative 2a	Alternative 2b	Alternative 2c	Alternative 3	Alternative 4a	Alternative 4b	Alternative 4c	Alternative 5
2026	0	0	0	0	0	0	0	0	0
2027	0	0	0	0	0	0	0	0	0
2028	0	0	0	0	0	0	0	0	0
2029	0	0	0	0	0	0	0	0	0
2030	102,813	102,813	53,076	59,153	102,813	102,813	53,076	59,153	23,082
2031	268,300	268,300	185,766	154,366	268,300	268,300	187,792	154,366	156,959
2032	432,731	434,844	250,794	248,971	432,731	432,731	250,794	248,971	182,527
2033	448,928	501,743	222,635	258,290	448,928	474,983	220,002	258,290	181,106
2034	376,043	415,126	173,206	202,783	376,043	389,423	154,974	202,783	181,106
2035	270,765	360,550	66,244	136,336	270,413	360,550	105,747	154,569	181,816
2036	98,940	245,766	0	26,335	151,755	290,835	52,063	53,076	101,917
2037	0	77,110	0	0	90,138	167,248	1,621	51,860	57,883
2038	0	0	0	0	53,519	90,138	0	8,306	0
2039	0	0	0	0	0	43,660	0	0	0
Total	1,998,520	2,406,251	951,721	1,086,234	2,194,639	2,620,680	1,026,068	1,191,373	1,066,395

Table 23B-21. Construction Assumptions—Batch Plant Electricity Consumption (MWh/year)

Alternative/Complex	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039
Alternative 1														
Lambert Road	0	600	3,120	3,132	3,132	3,132	3,144	3,120	3,120	3,132	1,836	0	0	0
Bacon Island	0	0	0	0	0	459	786	213	0	0	0	0	0	0
Southern Complex	0	1,056	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,506	0	0	0
Alternative 2a														
Lambert Road	0	600	3,120	3,132	3,132	3,132	3,144	3,120	3,120	3,132	3,144	432	0	0
Bacon Island	0	0	0	0	0	459	786	228	0	0	0	0	0	0
Southern Complex	0	1,056	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,572	102	0	0
Alternative 2b														
Lambert Road	0	300	1,560	1,566	1,566	1,566	1,572	1,560	1,560	660	0	0	0	0
Bacon Island	0	0	0	0	0	459	786	213	0	0	0	0	0	0
Southern Complex	0	1,056	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,506	0	0	0
Alternative 2c														
Lambert Road	0	600	3,120	3,132	3,132	3,132	3,144	3,120	3,120	2,220	0	0	0	0
Bacon Island	0	0	0	0	0	459	786	228	0	0	0	0	0	0
Southern Complex	0	1,062	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,506	0	0	0
Alternative 3														
Lambert Road	0	600	3,120	3,132	3,132	3,132	3,144	3,120	3,120	3,132	1,836	0	0	0
Southern Complex	0	1,056	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,506	0	0	0
Alternative 4a														
Lambert Road	0	600	3,120	3,132	3,132	3,132	3,144	3,120	3,120	3,132	3,144	432	0	0
Southern Complex	0	1,056	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,572	102	0	0
Alternative 4b														
Lambert Road	0	300	1,560	1,566	1,566	1,566	1,572	1,560	1,560	660	0	0	0	0
Southern Complex	0	1,062	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,506	0	0	0
Alternative 4c														
Lambert Road	0	600	3,120	3,132	3,132	3,132	3,144	3,120	3,120	2,220	0	0	0	0
Southern Complex	0	1,062	1,560	1,566	1,566	1,566	1,572	1,560	1,560	1,566	1,506	0	0	0
Alternative 5														
Lambert Road	0	600	3,120	3,132	3,132	3,132	3,144	3,120	3,120	3,132	1,836	0	0	0
Bethany Complex	0	0	1,386	1,044	1,566	1,566	1,572	1,560	1,560	1,566	1,572	1,434	0	0

1 **Table 23B-22. Construction Assumptions—Equipment Electricity Consumptoin**

Code	Feature Category	Feature	Equipment	KWh/day
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	Axial Fan 114,000 CFM	38
NewHopeOpt1_Shaft_C-13	Shafts	New Hope Shaft Alt 1	Electric Welder 400 AMP	38
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	Axial Fan 114,000 CFM	40
StatenIslandOpt1_Shaft_C-14	Shafts	Staten Island Shaft Alt 1	Electric Welder 400 AMP	41
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	Axial Fan 114,000 CFM	31
MandIslandOpt1_Shaft_C-13	Shafts	Mandeville Shaft Alt 1	Electric Welder 400 AMP	32
UpperJonesOpt2_Shaft_E-13	Shafts	Upper Jones Shaft Alt 3	Axial Fan 114,000 CFM	91
BouldinOpt1_Shaft_C-17	Shafts	Bouldin Shaft Alt 1	Gantry Crane	2
BouldinOpt1_Shaft_C-17	Shafts	Bouldin Shaft Alt 1	Axial Fan 114,000 CFM	494
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	Axial Fan 114,000 CFM	7,643
BouldinOpt1_Shaft_C-18	Shafts	Bouldin Shaft Alt 1	Gantry Crane	8
BouldinOpt1_Shaft_C-19	Shafts	Bouldin Shaft Alt 1	Gantry Crane	5
BouldinOpt1_Shaft_C-20	Shafts	Bouldin Shaft Alt 1	Gantry Crane	4
TwinCitiesOpt1_Shaft_C-1	Shafts	Twin Cities Shaft Alt 1	400A, Electric Welder	1
TwinCitiesOpt1_Shaft_C-2	Shafts	Twin Cities Shaft Alt 1	400A, Electric Welder	<1
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	Gantry Crane	3
TwinCitiesOpt1_Shaft_C-23	Shafts	Twin Cities Shaft Alt 1	Axial Fan 114,000 CFM	2,520
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	Gantry Crane	8
TwinCitiesOpt1_Shaft_C-24	Shafts	Twin Cities Shaft Alt 1	Axial Fan 114,000 CFM	8,668
TwinCitiesOpt1_Shaft_C-25	Shafts	Twin Cities Shaft Alt 1	Gantry Crane	4
TwinCitiesOpt1_Shaft_C-25	Shafts	Twin Cities Shaft Alt 1	Axial Fan 114,000 CFM	271
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Gantry Crane	11
TwinCitiesOpt1_Shaft_C-26	Shafts	Twin Cities Shaft Alt 1	Axial Fan 114,000 CFM	7,644
TwinCitiesOpt1_Shaft_C-27	Shafts	Twin Cities Shaft Alt 1	Gantry Crane	4
TwinCitiesOpt1_Shaft_C-28	Shafts	Twin Cities Shaft Alt 1	Gantry Crane	5
TwinCitiesOpt2_Shaft_E-1	Shafts	Twin Cities Shaft Alt 3	400A, Electric Welder	1
TwinCitiesOpt2_Shaft_E-2	Shafts	Twin Cities Shaft Alt 3	400A, Electric Welder	<1
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	Gantry Crane	3
TwinCitiesOpt2_Shaft_E-23	Shafts	Twin Cities Shaft Alt 3	Axial Fan 114,000 CFM	2,520
TwinCitiesOpt2_Shaft_E-24	Shafts	Twin Cities Shaft Alt 3	Axial Fan 114,000 CFM	7,570
TwinCitiesOpt2_Shaft_E-25	Shafts	Twin Cities Shaft Alt 3	Gantry Crane	4
TwinCitiesOpt2_Shaft_E-25	Shafts	Twin Cities Shaft Alt 3	Axial Fan 114,000 CFM	271
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Gantry Crane	11
TwinCitiesOpt2_Shaft_E-26	Shafts	Twin Cities Shaft Alt 3	Axial Fan 114,000 CFM	7,644
TwinCitiesOpt2_Shaft_E-27	Shafts	Twin Cities Shaft Alt 3	Gantry Crane	4
TwinCitiesOpt2_Shaft_E-28	Shafts	Twin Cities Shaft Alt 3	Gantry Crane	5
LowerRobertOpt2_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 3	Gantry Crane	2
LowerRobertOpt2_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 3	Axial Fan 114,000 CFM	773
LowerRobertOpt2_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 3	Axial Fan 114,000 CFM	6,741
LowerRobertOpt2_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 3	Gantry Crane	5

Code	Feature Category	Feature	Equipment	KWh/day
BaconOpt5_Shaft_C-1	Shafts	Bacon Shaft Alt 2b	Electric Welder 400 AMP	400
BaconOpt5_Shaft_C-18	Shafts	Bacon Shaft Alt 2b	Electric Welder 400 AMP	240
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	Axial Fan 114,000 CFM	28
CanalRanchOpt6_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4b	400A, Electric Welder	29
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	400A, Electric Welder	33
KingIslandOpt6_Shaft_E-13	Shafts	King Island Shaft Alt 4b	Axial Fan 114,000 CFM	32
LowerRobertOpt6_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4b	Gantry Crane	1
LowerRobertOpt6_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4b	Axial Fan 114,000 CFM	693
LowerRobertOpt6_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4b	Axial Fan 114,000 CFM	6,750
LowerRobertOpt6_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4b	Gantry Crane	2
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	Axial Fan 114,000 CFM	28
MandIslandOpt5_Shaft_C-13	Shafts	Mandeville Shaft Alt 2b	Electric Welder 400 AMP	29
NewHopeOpt5_Shaft_C-13	Shafts	New Hope Shaft Alt 2b	Axial Fan 114,000 CFM	28
NewHopeOpt5_Shaft_C-13	Shafts	New Hope Shaft Alt 2b	Electric Welder 400 AMP	29
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	Axial Fan 114,000 CFM	99,619
NewHopeOpt6_Shaft_E-13	Shafts	New Hope Shaft Alt 4b	400A, Electric Welder	1
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	Axial Fan 114,000 CFM	30
StatenIslandOpt5_Shaft_C-14	Shafts	Staten Island Shaft Alt 2b	Electric Welder 400 AMP	31
TwinCitiesOpt5_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2b	400A, Electric Welder	1
TwinCitiesOpt5_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2b	400A, Electric Welder	<1
TwinCitiesOpt5_Shaft_C-10	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	1
TwinCitiesOpt5_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	3
TwinCitiesOpt5_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2b	Axial Fan 114,000 CFM	680
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	5
TwinCitiesOpt5_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2b	Axial Fan 114,000 CFM	7,281
TwinCitiesOpt5_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	3
TwinCitiesOpt5_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2b	Axial Fan 114,000 CFM	840
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	4
TwinCitiesOpt5_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2b	Axial Fan 114,000 CFM	7,487
TwinCitiesOpt5_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	2
TwinCitiesOpt5_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	<1
TwinCitiesOpt5_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2b	Gantry Crane	27
TwinCitiesOpt6_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4b	400A, Electric Welder	1
TwinCitiesOpt6_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4b	400A, Electric Welder	<1
TwinCitiesOpt6_Shaft_E-10	Shafts	Twin Cities Shaft Alt 4b	Gantry Crane	1
TwinCitiesOpt6_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4b	Gantry Crane	3
TwinCitiesOpt6_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4b	Axial Fan 114,000 CFM	680
TwinCitiesOpt6_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4b	Axial Fan 114,000 CFM	6,359
TwinCitiesOpt6_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4b	Gantry Crane	3
TwinCitiesOpt6_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4b	Axial Fan 114,000 CFM	840
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Gantry Crane	4

Code	Feature Category	Feature	Equipment	KWh/day
TwinCitiesOpt6_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4b	Axial Fan 114,000 CFM	7,487
TwinCitiesOpt6_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4b	Gantry Crane	2
TwinCitiesOpt6_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4b	Gantry Crane	<1
TwinCitiesOpt6_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4b	Gantry Crane	27
UpperJonesOpt6_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4b	Axial Fan 114,000 CFM	49
BouldinOpt5_Shaft_C-17	Shafts	Bouldin Shaft Alt 2b	Gantry Crane	1
BouldinOpt5_Shaft_C-17	Shafts	Bouldin Shaft Alt 2b	Axial Fan 114,000 CFM	415
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	Axial Fan 114,000 CFM	7,449
BouldinOpt5_Shaft_C-18	Shafts	Bouldin Shaft Alt 2b	Gantry Crane	6
BouldinOpt5_Shaft_C-19	Shafts	Bouldin Shaft Alt 2b	Gantry Crane	2
BouldinOpt5_Shaft_C-20	Shafts	Bouldin Shaft Alt 2b	Gantry Crane	2
NewHopeOpt9_Shaft_C-13	Shafts	New Hope Shaft Alt 2a	Axial Fan 114,000 CFM	58
NewHopeOpt9_Shaft_C-13	Shafts	New Hope Shaft Alt 2a	Electric Welder 400 AMP	60
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	Axial Fan 114,000 CFM	41
NewHopeOpt10_Shaft_E-13	Shafts	New Hope Shaft Alt 4a	400A, Electric Welder	42
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	Axial Fan 114,000 CFM	43
StatenIslandOpt9_Shaft_C-14	Shafts	Staten Island Shaft Alt 2a	Electric Welder 400 AMP	44
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	Axial Fan 114,000 CFM	41
MandIslandOpt9_Shaft_C-13	Shafts	Mandeville Shaft Alt 2a	Electric Welder 400 AMP	42
BaconOpt9_Shaft_C-1	Shafts	Bacon Shaft Alt 2a	Electric Welder 400 AMP	400
BaconOpt9_Shaft_C-3	Shafts	Bacon Shaft Alt 2a	Water Pump, 4" Electrical	<1
BaconOpt9_Shaft_C-18	Shafts	Bacon Shaft Alt 2a	Electric Welder 400 AMP	240
TwinCitiesOpt9_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2a	400A, Electric Welder	<1
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	400A, Electric Welder	<1
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Gantry Crane	2
TwinCitiesOpt9_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2a	Axial Fan 114,000 CFM	655
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Gantry Crane	6
TwinCitiesOpt9_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2a	Axial Fan 114,000 CFM	6,328
TwinCitiesOpt9_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2a	Gantry Crane	5
TwinCitiesOpt9_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2a	Axial Fan 114,000 CFM	1,378
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Gantry Crane	5
TwinCitiesOpt9_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2a	Axial Fan 114,000 CFM	5,242
TwinCitiesOpt9_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2a	Gantry Crane	3
TwinCitiesOpt9_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2a	Gantry Crane	1
TwinCitiesOpt9_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2a	400A, Electric Welder	1
TwinCitiesOpt10_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4a	400A, Electric Welder	<1
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	400A, Electric Welder	<1
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Gantry Crane	2
TwinCitiesOpt10_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4a	Axial Fan 114,000 CFM	655
TwinCitiesOpt10_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4a	Axial Fan 114,000 CFM	5,382
TwinCitiesOpt10_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4a	Gantry Crane	5

Code	Feature Category	Feature	Equipment	KWh/day
TwinCitiesOpt10_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4a	Axial Fan 114,000 CFM	1,378
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Gantry Crane	5
TwinCitiesOpt10_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4a	Axial Fan 114,000 CFM	5,242
TwinCitiesOpt10_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4a	Gantry Crane	3
TwinCitiesOpt10_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4a	Gantry Crane	1
TwinCitiesOpt10_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4a	400A, Electric Welder	1
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	Axial Fan 114,000 CFM	43
CanalRanchOpt10_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4a	400A, Electric Welder	477
BouldinOpt9_Shaft_C-4	Shafts	Bouldin Shaft Alt 2a	Water Pump 4" Electric	25
BouldinOpt9_Shaft_C-5	Shafts	Bouldin Shaft Alt 2a	Water Pump 4" Electric	16
BouldinOpt9_Shaft_C-17	Shafts	Bouldin Shaft Alt 2a	Gantry Crane	1
BouldinOpt9_Shaft_C-17	Shafts	Bouldin Shaft Alt 2a	Axial Fan 114,000 CFM	412
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	Axial Fan 114,000 CFM	5,674
BouldinOpt9_Shaft_C-18	Shafts	Bouldin Shaft Alt 2a	Gantry Crane	6
BouldinOpt9_Shaft_C-19	Shafts	Bouldin Shaft Alt 2a	Gantry Crane	3
BouldinOpt9_Shaft_C-20	Shafts	Bouldin Shaft Alt 2a	Gantry Crane	4
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	400A, Electric Welder	48
KingIslandOpt10_Shaft_E-13	Shafts	King Island Shaft Alt 4a	Axial Fan 114,000 CFM	47
LowerRobertsOpt10_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4a	Water Pump, 4" Electrical	<1
LowerRobertsOpt10_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4a	Gantry Crane	1
LowerRobertsOpt10_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4a	Axial Fan 114,000 CFM	720
LowerRobertsOpt10_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4a	Axial Fan 114,000 CFM	5,465
LowerRobertsOpt10_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4a	Gantry Crane	5
UpperJonesOpt10_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4a	Water Pump 4" Electric	<1
UpperJonesOpt10_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4a	Axial Fan 114,000 CFM	53
BaconOpt7_Shaft_C-1	Shafts	Bacon Shaft Alt 2c	Electric Welder 400 AMP	400
BaconOpt7_Shaft_C-3	Shafts	Bacon Shaft Alt 2c	Water Pump, 4" Electrical	<1
BaconOpt7_Shaft_C-18	Shafts	Bacon Shaft Alt 2c	Electric Welder 400 AMP	240
BouldinOpt7_Shaft_C-4	Shafts	Bouldin Shaft Alt 2c	Water Pump 4" Electric	23
BouldinOpt7_Shaft_C-5	Shafts	Bouldin Shaft Alt 2c	Water Pump 4" Electric	15
BouldinOpt7_Shaft_C-17	Shafts	Bouldin Shaft Alt 2c	Gantry Crane	2
BouldinOpt7_Shaft_C-17	Shafts	Bouldin Shaft Alt 2c	Axial Fan 114,000 CFM	467
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	Axial Fan 114,000 CFM	7,566
BouldinOpt7_Shaft_C-18	Shafts	Bouldin Shaft Alt 2c	Gantry Crane	8
BouldinOpt7_Shaft_C-19	Shafts	Bouldin Shaft Alt 2c	Gantry Crane	3
BouldinOpt7_Shaft_C-20	Shafts	Bouldin Shaft Alt 2c	Gantry Crane	4
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	Axial Fan 114,000 CFM	40
CanalRanchOpt8_Shaft_E-13	Shafts	Canal Ranch Shaft Alt 4c	400A, Electric Welder	439
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	400A, Electric Welder	44
KingIslandOpt8_Shaft_E-13	Shafts	King Island Shaft Alt 4c	Axial Fan 114,000 CFM	43
LowerRobertsOpt8_Shaft_E-2	Shafts	Lower Roberts Shaft Alt 4c	Water Pump, 4" Electrical	<1

Code	Feature Category	Feature	Equipment	KWh/day
LowerRobertsOpt8_Shaft_E-7	Shafts	Lower Roberts Shaft Alt 4c	Water Pump, 4" Electrical	<1
LowerRobertsOpt8_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4c	Gantry Crane	18
LowerRobertsOpt8_Shaft_E-19	Shafts	Lower Roberts Shaft Alt 4c	Axial Fan 114,000 CFM	773
LowerRobertsOpt8_Shaft_E-20	Shafts	Lower Roberts Shaft Alt 4c	Axial Fan 114,000 CFM	7,319
LowerRobertsOpt8_Shaft_E-21	Shafts	Lower Roberts Shaft Alt 4c	Gantry Crane	5
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	Axial Fan 114,000 CFM	34
MandIslandOpt7_Shaft_C-13	Shafts	Mandeville Shaft Alt 2c	Electric Welder 400 AMP	35
NewHopeOpt7_Shaft_C-2	Shafts	New Hope Shaft Alt 2c	Water Pump 4" Electric	789
NewHopeOpt7_Shaft_C-13	Shafts	New Hope Shaft Alt 2c	Axial Fan 114,000 CFM	48
NewHopeOpt7_Shaft_C-13	Shafts	New Hope Shaft Alt 2c	Electric Welder 400 AMP	49
NewHopeOpt8_Shaft_E-2	Shafts	New Hope Shaft Alt 4c	Water Pump 4" Electric	17
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	Axial Fan 114,000 CFM	34
NewHopeOpt8_Shaft_E-13	Shafts	New Hope Shaft Alt 4c	Electric Welder 400 AMP	35
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	Axial Fan 114,000 CFM	36
StatenIslandOpt7_Shaft_C-14	Shafts	Staten Island Shaft Alt 2c	Electric Welder 400 AMP	37
TwinCitiesOpt7_Shaft_C-1	Shafts	Twin Cities Shaft Alt 2c	400A, Electric Welder	<1
TwinCitiesOpt7_Shaft_C-2	Shafts	Twin Cities Shaft Alt 2c	Water Pump 4" Electric	1
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	400A, Electric Welder	<1
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Gantry Crane	3
TwinCitiesOpt7_Shaft_C-23	Shafts	Twin Cities Shaft Alt 2c	Axial Fan 114,000 CFM	733
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Gantry Crane	8
TwinCitiesOpt7_Shaft_C-24	Shafts	Twin Cities Shaft Alt 2c	Axial Fan 114,000 CFM	8,615
TwinCitiesOpt7_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2c	Gantry Crane	6
TwinCitiesOpt7_Shaft_C-25	Shafts	Twin Cities Shaft Alt 2c	Axial Fan 114,000 CFM	875
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Gantry Crane	12
TwinCitiesOpt7_Shaft_C-26	Shafts	Twin Cities Shaft Alt 2c	Axial Fan 114,000 CFM	8,450
TwinCitiesOpt7_Shaft_C-27	Shafts	Twin Cities Shaft Alt 2c	Gantry Crane	3
TwinCitiesOpt7_Shaft_C-28	Shafts	Twin Cities Shaft Alt 2c	Gantry Crane	4
TwinCitiesOpt7_Shaft_C-29	Shafts	Twin Cities Shaft Alt 2c	400A, Electric Welder	<1
TwinCitiesOpt8_Shaft_E-1	Shafts	Twin Cities Shaft Alt 4c	400A, Electric Welder	<1
TwinCitiesOpt8_Shaft_E-2	Shafts	Twin Cities Shaft Alt 4c	Water Pump 4" Electric	1
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	400A, Electric Welder	<1
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Gantry Crane	3
TwinCitiesOpt8_Shaft_E-23	Shafts	Twin Cities Shaft Alt 4c	Axial Fan 114,000 CFM	733
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Gantry Crane	9
TwinCitiesOpt8_Shaft_E-24	Shafts	Twin Cities Shaft Alt 4c	Axial Fan 114,000 CFM	8,230
TwinCitiesOpt8_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4c	Gantry Crane	6
TwinCitiesOpt8_Shaft_E-25	Shafts	Twin Cities Shaft Alt 4c	Axial Fan 114,000 CFM	875
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Gantry Crane	12
TwinCitiesOpt8_Shaft_E-26	Shafts	Twin Cities Shaft Alt 4c	Axial Fan 114,000 CFM	8,450
TwinCitiesOpt8_Shaft_E-27	Shafts	Twin Cities Shaft Alt 4c	Gantry Crane	3

Code	Feature Category	Feature	Equipment	KWh/day
TwinCitiesOpt8_Shaft_E-28	Shafts	Twin Cities Shaft Alt 4c	Gantry Crane	4
TwinCitiesOpt8_Shaft_E-29	Shafts	Twin Cities Shaft Alt 4c	400A, Electric Welder	<1
UpperJonesOpt8_Shaft_E-2	Shafts	Upper Jones Shaft Alt 4c	Water Pump 4" Electric	<1
UpperJonesOpt8_Shaft_E-13	Shafts	Upper Jones Shaft Alt 4c	Axial Fan 114,000 CFM	44
Intake3_3kcfs-2	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	2
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	400A, Electric Welder	180
Intake3_3kcfs-3	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	400A, Electric Welder	12
Intake3_3kcfs-4	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	52
Intake3_3kcfs-6	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	695
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	202
Intake3_3kcfs-7	Intakes	Intake 3 - 3,000 cfs	Water Pump, 6" Electrical, Submersible	2
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	400A, Electric Welder	18
Intake3_3kcfs-13	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	11
Intake3_3kcfs-14	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	4
Intake3_3kcfs-16	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake3_3kcfs-17	Intakes	Intake 3 - 3,000 cfs	400A, Electric Welder	300
Intake3_3kcfs-19	Intakes	Intake 3 - 3,000 cfs	400A, Electric Welder	64
Intake3_3kcfs-20	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	400A, Electric Welder	7,360
Intake3_3kcfs-23	Intakes	Intake 3 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	4
Intake3_3kcfs-24	Intakes	Intake 3 - 3,000 cfs	400A, Electric Welder	531
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	165
Intake5_3kcfs-2	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	12
Intake5_3kcfs-3	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	52
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	48
Intake5_3kcfs-5	Intakes	Intake 5 - 3,000 cfs	Water Pump, 6" Electrical, Submersible	<1
Intake5_3kcfs-6	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake5_3kcfs-11	Intakes	Intake 5 - 3,000 cfs	Axial Fan 114,000 CFM	36
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	25
Intake5_3kcfs-12	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	17
Intake5_3kcfs-14	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	3
Intake5_3kcfs-15	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	11
Intake5_3kcfs-16	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	300
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	180
Intake5_3kcfs-17	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake5_3kcfs-18	Intakes	Intake 5 - 3,000 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake5_3kcfs-19	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	39
Intake5_3kcfs-25	Intakes	Intake 5 - 3,000 cfs	400A, Electric Welder	1,600
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	31

Code	Feature Category	Feature	Equipment	KWh/day
Intake2_1.5kcfs-2	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	14
Intake2_1.5kcfs-3	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	62
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	122
Intake2_1.5kcfs-5	Intakes	Intake 2 - 1,500 cfs	Water Pump, 6" Electrical, Submersible	1
Intake2_1.5kcfs-6	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake2_1.5kcfs-11	Intakes	Intake 2 - 1,500 cfs	Axial Fan 114,000 CFM	32
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	23
Intake2_1.5kcfs-12	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	13
Intake2_1.5kcfs-13	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	21
Intake2_1.5kcfs-14	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	5
Intake2_1.5kcfs-15	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	80
Intake2_1.5kcfs-16	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	386
Intake2_1.5kcfs-17	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	242
Intake2_1.5kcfs-19	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	73
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	400A, Electric Welder	1,557
Intake2_1.5kcfs-25	Intakes	Intake 2 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	5
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	219
Intake5_1.5kcfs-2	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	10
Intake5_1.5kcfs-3	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	46
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	5
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	76
Intake5_1.5kcfs-5	Intakes	Intake 5 - 1,500 cfs	Water Pump, 6" Electrical, Submersible	1
Intake5_1.5kcfs-6	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	<1
Intake5_1.5kcfs-11	Intakes	Intake 5 - 1,500 cfs	Axial Fan 114,000 CFM	34
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	17
Intake5_1.5kcfs-12	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	6
Intake5_1.5kcfs-13	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	14
Intake5_1.5kcfs-14	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	4
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	56
Intake5_1.5kcfs-15	Intakes	Intake 5 - 1,500 cfs	Water Pump, 4" Electrical, Submersible	1
Intake5_1.5kcfs-17	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	780
Intake5_1.5kcfs-19	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	43
Intake5_1.5kcfs-25	Intakes	Intake 5 - 1,500 cfs	400A, Electric Welder	1,152
Lambert_BatchPlantOpt12-7	Batch Plants	Lambert Road Batch Plant Alts 1-3	400A, Electric Welder	300
Lambert_BatchPlantOpt12-8	Batch Plants	Lambert Road Batch Plant Alts 1-3	400A, Electric Welder	7
Lambert_BatchPlantOpt12-9	Batch Plants	Lambert Road Batch Plant Alts 1-3	400A, Electric Welder	8
Lambert_BatchPlantOpt12-10	Batch Plants	Lambert Road Batch Plant Alts 1-3	400A, Electric Welder	8
Lambert_BatchPlantOpt56-7	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	400A, Electric Welder	316
Lambert_BatchPlantOpt56-8	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	400A, Electric Welder	7

Code	Feature Category	Feature	Equipment	KWh/day
Lambert_BatchPlantOpt56-9	Batch Plants	Lambert Road Batch Plant Alts 2b-4b	400A, Electric Welder	8
Lambert_BatchPlantOpt78-7A	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	400A, Electric Welder	253
Lambert_BatchPlantOpt78-7B	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	400A, Electric Welder	237
Lambert_BatchPlantOpt78-8	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	400A, Electric Welder	7
Lambert_BatchPlantOpt78-9	Batch Plants	Lambert Road Batch Plant Alts 2c-4c	400A, Electric Welder	5
Lambert_BatchPlantOpt78-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	16
Lambert_BatchPlantOpt910-7A	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	316
Lambert_BatchPlantOpt910-7B	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	316
Lambert_BatchPlantOpt910-7C	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	316
Lambert_BatchPlantOpt910-8	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	7
Lambert_BatchPlantOpt910-9	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	8
Lambert_BatchPlantOpt910-10	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	12
Lambert_BatchPlantOpt910-11	Batch Plants	Lambert Road Batch Plant Alts 2a-4a	400A, Electric Welder	12
SComplexWByron-3	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Electrical, Submersible	<1
SComplexWByron-20	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Electrical, Submersible	5
SComplexWByron-26	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Electrical, Submersible	<1
SComplexWByron-27	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Electrical, Submersible	7
SComplexWByron-28	Southern Complex	S. Complex W. Byron Hwy	Water Pump, 4" Electrical, Submersible	1
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A, Electric Welder	<1
SComplexWByronOpt9-10-3	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Electrical, Submersible	<1
SComplexWByronOpt9-10-20	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Electrical, Submersible	5
SComplexWByronOpt9-10-22	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Electrical, Submersible	7
SComplexWByronOpt9-10-23	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Electrical, Submersible	2
SComplexWByronOpt9-10-26	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Electrical, Submersible	22
SComplexWByronOpt9-10-27	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Electrical, Submersible	<1
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Water Pump, 4" Electrical, Submersible	1
SComplexWByronOpt9-10-28	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	400A, Electric Welder	<1
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Axial Fan 114,000 CFM	356
SComplexWByronOpt9-10-38	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Gantry Crane	1
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Axial Fan 114,000 CFM	1,849
SComplexWByronOpt9-10-39	Southern Complex	S. Complex W. Byron Hwy Alt 2a-4a	Gantry Crane	5
SComplexByronOpt1-1	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	1
SComplexByronOpt1-2	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	2
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	70
SComplexByronOpt1-6	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	94
SComplexByronOpt1-7	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	88
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	67
SComplexByronOpt1-9	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt1-10	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt1-11	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	47
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	366

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt1-12	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	11
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	81
SComplexByronOpt1-13	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt1-14	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	9
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	3
SComplexByronOpt1-15B	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	106
SComplexByronOpt1-16	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	566
SComplexByronOpt1-17	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	<1
SComplexByronOpt1-18	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	97
SComplexByronOpt1-19	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	44
SComplexByronOpt1-20	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt1-21	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	51
SComplexByronOpt1-23	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	9
SComplexByronOpt1-26	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt1-29	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Electrical, Submersible	2
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt1-30	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	8
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	33
SComplexByronOpt1-31	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt1-32	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	55
SComplexByronOpt1-33	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt1-35	Southern Complex	S. Complex Byron Tract Alt 1	Gantry Crane	1
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	Axial Fan 114,000 CFM	2,692
SComplexByronOpt1-36	Southern Complex	S. Complex Byron Tract Alt 1	Gantry Crane	7
SComplexByronOpt1-38	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt1-39	Southern Complex	S. Complex Byron Tract Alt 1	Gantry Crane	<1
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	Axial Fan 114,000 CFM	2,212
SComplexByronOpt1-40	Southern Complex	S. Complex Byron Tract Alt 1	Gantry Crane	5
SComplexByronOpt1-41	Southern Complex	S. Complex Byron Tract Alt 1	Gantry Crane	2
SComplexByronOpt1-42	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt1-43	Southern Complex	S. Complex Byron Tract Alt 1	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	Axial Fan 114,000 CFM	5,908
SComplexByronOpt1-48	Southern Complex	S. Complex Byron Tract Alt 1	Gantry Crane	9
SComplexByronOpt1-49	Southern Complex	S. Complex Byron Tract Alt 1	Gantry Crane	4
SComplexByronOpt1-50	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	146

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt1-51	Southern Complex	S. Complex Byron Tract Alt 1	400A, Electric Welder	140
SComplexByronOpt2-1	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	1
SComplexByronOpt2-2	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	2
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	70
SComplexByronOpt2-6	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	94
SComplexByronOpt2-7	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	88
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	67
SComplexByronOpt2-9	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt2-10	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt2-11	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	47
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	366
SComplexByronOpt2-12	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	11
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	81
SComplexByronOpt2-13	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt2-14	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	9
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	3
SComplexByronOpt2-15B	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	106
SComplexByronOpt2-16	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	566
SComplexByronOpt2-17	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	<1
SComplexByronOpt2-18	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	97
SComplexByronOpt2-19	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	44
SComplexByronOpt2-20	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt2-21	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	51
SComplexByronOpt2-23	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	10
SComplexByronOpt2-26	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt2-29	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Electrical, Submersible	2
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt2-30	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	10
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	41
SComplexByronOpt2-31	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt2-32	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	55
SComplexByronOpt2-33	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt2-35	Southern Complex	S. Complex Byron Tract Alt 3	Gantry Crane	1
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	Axial Fan 114,000 CFM	2,692
SComplexByronOpt2-36	Southern Complex	S. Complex Byron Tract Alt 3	Gantry Crane	7

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt2-38	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt2-39	Southern Complex	S. Complex Byron Tract Alt 3	Gantry Crane	<1
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	Axial Fan 114,000 CFM	2,212
SComplexByronOpt2-40	Southern Complex	S. Complex Byron Tract Alt 3	Gantry Crane	5
SComplexByronOpt2-41	Southern Complex	S. Complex Byron Tract Alt 3	Gantry Crane	2
SComplexByronOpt2-42	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt2-43	Southern Complex	S. Complex Byron Tract Alt 3	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	Axial Fan 114,000 CFM	6,813
SComplexByronOpt2-48	Southern Complex	S. Complex Byron Tract Alt 3	Gantry Crane	8
SComplexByronOpt2-49	Southern Complex	S. Complex Byron Tract Alt 3	Gantry Crane	2
SComplexByronOpt2-50	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	146
SComplexByronOpt2-51	Southern Complex	S. Complex Byron Tract Alt 3	400A, Electric Welder	140
SComplexByronOpt5-1	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	1
SComplexByronOpt5-2	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	2
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	67
SComplexByronOpt5-6	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	90
SComplexByronOpt5-7	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	84
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	72
SComplexByronOpt5-9	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt5-10	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt5-11	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	46
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	68
SComplexByronOpt5-12	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	11
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	86
SComplexByronOpt5-13	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt5-14	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	7
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	91
SComplexByronOpt5-15B	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	24
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	112
SComplexByronOpt5-16	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	38
SComplexByronOpt5-17	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	<1
SComplexByronOpt5-18	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	37
SComplexByronOpt5-19	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	129
SComplexByronOpt5-20	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt5-21	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	55
SComplexByronOpt5-23	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	8
SComplexByronOpt5-26	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	15

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt5-29	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Electrical, Submersible	3
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt5-30	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	8
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	32
SComplexByronOpt5-31	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt5-32	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	77
SComplexByronOpt5-33	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt5-35	Southern Complex	S. Complex Byron Tract Alt 2b	Gantry Crane	1
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	Axial Fan 114,000 CFM	2,950
SComplexByronOpt5-36	Southern Complex	S. Complex Byron Tract Alt 2b	Gantry Crane	7
SComplexByronOpt5-38	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt5-39	Southern Complex	S. Complex Byron Tract Alt 2b	Gantry Crane	<1
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	Axial Fan 114,000 CFM	2,680
SComplexByronOpt5-40	Southern Complex	S. Complex Byron Tract Alt 2b	Gantry Crane	7
SComplexByronOpt5-41	Southern Complex	S. Complex Byron Tract Alt 2b	Gantry Crane	2
SComplexByronOpt5-42	Southern Complex	S. Complex Byron Tract Alt 2b	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	Axial Fan 114,000 CFM	4,898
SComplexByronOpt5-48	Southern Complex	S. Complex Byron Tract Alt 2b	Gantry Crane	5
SComplexByronOpt5-49	Southern Complex	S. Complex Byron Tract Alt 2b	Gantry Crane	3
SComplexByronOpt5-50	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	144
SComplexByronOpt5-51	Southern Complex	S. Complex Byron Tract Alt 2b	400A, Electric Welder	71
SComplexByronOpt6-1	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	1
SComplexByronOpt6-2	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	2
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	74
SComplexByronOpt6-6	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	99
SComplexByronOpt6-7	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	59
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	72
SComplexByronOpt6-9	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt6-10	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt6-11	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	48
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	69
SComplexByronOpt6-12	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	11
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	86
SComplexByronOpt6-13	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt6-14	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	9
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	39
SComplexByronOpt6-15B	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	112
SComplexByronOpt6-16	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	35

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt6-17	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	<1
SComplexByronOpt6-18	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	36
SComplexByronOpt6-19	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	128
SComplexByronOpt6-20	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt6-21	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	55
SComplexByronOpt6-23	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	11
SComplexByronOpt6-26	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt6-29	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt6-30	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	21
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	86
SComplexByronOpt6-31	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 6" Electrical, Submersible	2
SComplexByronOpt6-32	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	54
SComplexByronOpt6-33	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt6-35	Southern Complex	S. Complex Byron Tract Alt 4b	Gantry Crane	1
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	Axial Fan 114,000 CFM	2,950
SComplexByronOpt6-36	Southern Complex	S. Complex Byron Tract Alt 4b	Gantry Crane	7
SComplexByronOpt6-38	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt6-39	Southern Complex	S. Complex Byron Tract Alt 4b	Gantry Crane	<1
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	Axial Fan 114,000 CFM	2,680
SComplexByronOpt6-40	Southern Complex	S. Complex Byron Tract Alt 4b	Gantry Crane	7
SComplexByronOpt6-41	Southern Complex	S. Complex Byron Tract Alt 4b	Gantry Crane	2
SComplexByronOpt6-42	Southern Complex	S. Complex Byron Tract Alt 4b	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	Axial Fan 114,000 CFM	6,681
SComplexByronOpt6-48	Southern Complex	S. Complex Byron Tract Alt 4b	Gantry Crane	6
SComplexByronOpt6-49	Southern Complex	S. Complex Byron Tract Alt 4b	Gantry Crane	3
SComplexByronOpt6-50	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	144
SComplexByronOpt6-51	Southern Complex	S. Complex Byron Tract Alt 4b	400A, Electric Welder	71
SComplexByronOpt9-1	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	1
SComplexByronOpt9-2	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	2
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	18
SComplexByronOpt9-6	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt9-7	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	195
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	72
SComplexByronOpt9-9	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt9-10	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt9-11	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	52

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	392
SComplexByronOpt9-12	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	12
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	86
SComplexByronOpt9-13	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt9-14	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	4
SComplexByronOpt9-15B	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	113
SComplexByronOpt9-16	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	606
SComplexByronOpt9-17	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	<1
SComplexByronOpt9-18	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	105
SComplexByronOpt9-19	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	129
SComplexByronOpt9-20	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt9-21	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	54
SComplexByronOpt9-23	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	9
SComplexByronOpt9-26	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt9-29	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Electrical, Submersible	2
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt9-30	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	9
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	39
SComplexByronOpt9-31	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt9-32	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	55
SComplexByronOpt9-33	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt9-35	Southern Complex	S. Complex Byron Tract Alt 2a	Gantry Crane	1
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	Axial Fan 114,000 CFM	2,127
SComplexByronOpt9-36	Southern Complex	S. Complex Byron Tract Alt 2a	Gantry Crane	5
SComplexByronOpt9-38	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt9-39	Southern Complex	S. Complex Byron Tract Alt 2a	Gantry Crane	<1
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	Axial Fan 114,000 CFM	1,967
SComplexByronOpt9-40	Southern Complex	S. Complex Byron Tract Alt 2a	Gantry Crane	5
SComplexByronOpt9-41	Southern Complex	S. Complex Byron Tract Alt 2a	Gantry Crane	1
SComplexByronOpt9-42	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt9-43	Southern Complex	S. Complex Byron Tract Alt 2a	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	Axial Fan 114,000 CFM	4,555
SComplexByronOpt9-48	Southern Complex	S. Complex Byron Tract Alt 2a	Gantry Crane	7
SComplexByronOpt9-49	Southern Complex	S. Complex Byron Tract Alt 2a	Gantry Crane	2

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt9-50	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	176
SComplexByronOpt9-51	Southern Complex	S. Complex Byron Tract Alt 2a	400A, Electric Welder	153
SComplexByronOpt10-1	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	1
SComplexByronOpt10-2	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	2
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	18
SComplexByronOpt10-6	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt10-7	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	192
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	72
SComplexByronOpt10-9	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt10-10	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt10-11	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	52
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	392
SComplexByronOpt10-12	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	12
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	86
SComplexByronOpt10-13	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt10-14	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	4
SComplexByronOpt10-15B	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	113
SComplexByronOpt10-16	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	606
SComplexByronOpt10-17	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	<1
SComplexByronOpt10-18	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	105
SComplexByronOpt10-19	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	129
SComplexByronOpt10-20	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt10-21	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	54
SComplexByronOpt10-23	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	11
SComplexByronOpt10-26	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt10-29	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Electrical, Submersible	2
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt10-30	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	9
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	39
SComplexByronOpt10-31	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt10-32	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	56
SComplexByronOpt10-33	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt10-35	Southern Complex	S. Complex Byron Tract Alt 4a	Gantry Crane	1
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	Axial Fan 114,000 CFM	2,132

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt10-36	Southern Complex	S. Complex Byron Tract Alt 4a	Gantry Crane	5
SComplexByronOpt10-38	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt10-39	Southern Complex	S. Complex Byron Tract Alt 4a	Gantry Crane	<1
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	Axial Fan 114,000 CFM	1,971
SComplexByronOpt10-40	Southern Complex	S. Complex Byron Tract Alt 4a	Gantry Crane	5
SComplexByronOpt10-41	Southern Complex	S. Complex Byron Tract Alt 4a	Gantry Crane	2
SComplexByronOpt10-42	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt10-43	Southern Complex	S. Complex Byron Tract Alt 4a	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	Axial Fan 114,000 CFM	6,531
SComplexByronOpt10-48	Southern Complex	S. Complex Byron Tract Alt 4a	Gantry Crane	8
SComplexByronOpt10-49	Southern Complex	S. Complex Byron Tract Alt 4a	Gantry Crane	2
SComplexByronOpt10-50	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	176
SComplexByronOpt10-51	Southern Complex	S. Complex Byron Tract Alt 4a	400A, Electric Welder	153
SComplexByronOpt7-1	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	1
SComplexByronOpt7-2	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	2
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	16
SComplexByronOpt7-6	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt7-7	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	162
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	68
SComplexByronOpt7-9	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt7-10	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt7-11	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	47
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	71
SComplexByronOpt7-12	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	11
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	81
SComplexByronOpt7-13	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt7-14	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	3
SComplexByronOpt7-15B	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	107
SComplexByronOpt7-16	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	562
SComplexByronOpt7-17	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	<1
SComplexByronOpt7-18	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	98
SComplexByronOpt7-19	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	122
SComplexByronOpt7-20	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	<1
SComplexByronOpt7-21	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	52
SComplexByronOpt7-23	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	9

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt7-26	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt7-29	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Electrical, Submersible	2
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt7-30	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	8
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	33
SComplexByronOpt7-31	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt7-32	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	55
SComplexByronOpt7-33	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt7-35	Southern Complex	S. Complex Byron Tract Alt 2c	Gantry Crane	1
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	Axial Fan 114,000 CFM	2,686
SComplexByronOpt7-36	Southern Complex	S. Complex Byron Tract Alt 2c	Gantry Crane	7
SComplexByronOpt7-38	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt7-39	Southern Complex	S. Complex Byron Tract Alt 2c	Gantry Crane	<1
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	Axial Fan 114,000 CFM	2,219
SComplexByronOpt7-40	Southern Complex	S. Complex Byron Tract Alt 2c	Gantry Crane	6
SComplexByronOpt7-41	Southern Complex	S. Complex Byron Tract Alt 2c	Gantry Crane	2
SComplexByronOpt7-42	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt7-43	Southern Complex	S. Complex Byron Tract Alt 2c	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	Axial Fan 114,000 CFM	7,050
SComplexByronOpt7-48	Southern Complex	S. Complex Byron Tract Alt 2c	Gantry Crane	11
SComplexByronOpt7-49	Southern Complex	S. Complex Byron Tract Alt 2c	Gantry Crane	5
SComplexByronOpt7-50	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	144
SComplexByronOpt7-51	Southern Complex	S. Complex Byron Tract Alt 2c	400A, Electric Welder	153
SComplexByronOpt8-1	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	1
SComplexByronOpt8-2	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	2
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	16
SComplexByronOpt8-6	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt8-7	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	162
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	68
SComplexByronOpt8-9	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt8-10	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	1
SComplexByronOpt8-11	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	47
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	71
SComplexByronOpt8-12	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	11
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	81
SComplexByronOpt8-13	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt8-14	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	10
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	3
SComplexByronOpt8-15B	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	107

Code	Feature Category	Feature	Equipment	KWh/day
SComplexByronOpt8-16	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	4
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	562
SComplexByronOpt8-17	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	<1
SComplexByronOpt8-18	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	3
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	98
SComplexByronOpt8-19	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	5
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	122
SComplexByronOpt8-20	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	<1
SComplexByronOpt8-21	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	52
SComplexByronOpt8-23	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	9
SComplexByronOpt8-26	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	15
SComplexByronOpt8-29	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Electrical, Submersible	2
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	6
SComplexByronOpt8-30	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Electrical, Submersible	<1
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	8
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	33
SComplexByronOpt8-31	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 6" Electrical, Submersible	1
SComplexByronOpt8-32	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	55
SComplexByronOpt8-33	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	22
SComplexByronOpt8-35	Southern Complex	S. Complex Byron Tract Alt 4c	Gantry Crane	1
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	Axial Fan 114,000 CFM	2,686
SComplexByronOpt8-36	Southern Complex	S. Complex Byron Tract Alt 4c	Gantry Crane	7
SComplexByronOpt8-38	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt8-39	Southern Complex	S. Complex Byron Tract Alt 4c	Gantry Crane	<1
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	Axial Fan 114,000 CFM	2,219
SComplexByronOpt8-40	Southern Complex	S. Complex Byron Tract Alt 4c	Gantry Crane	6
SComplexByronOpt8-41	Southern Complex	S. Complex Byron Tract Alt 4c	Gantry Crane	2
SComplexByronOpt8-42	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt8-43	Southern Complex	S. Complex Byron Tract Alt 4c	Water Pump, 4" Electrical, Submersible	2
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	Axial Fan 114,000 CFM	6,786
SComplexByronOpt8-48	Southern Complex	S. Complex Byron Tract Alt 4c	Gantry Crane	8
SComplexByronOpt8-49	Southern Complex	S. Complex Byron Tract Alt 4c	Gantry Crane	5
SComplexByronOpt8-50	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	144
SComplexByronOpt8-51	Southern Complex	S. Complex Byron Tract Alt 4c	400A, Electric Welder	153
BethAqueductOptB2B10-04	Aqueduct	Bethany Aqueduct	Concrete Vibrator	5
BethAqueductOptB2B10-05	Aqueduct	Bethany Aqueduct	Concrete Vibrator	5
BethAqueductOptB2B10-08	Aqueduct	Bethany Aqueduct	Concrete Vibrator	5
BethAqueductOptB2B10-11	Aqueduct	Bethany Aqueduct	Axial Fan 114,000 CFM	302
Beth_BatchPlantOptB2-01	Batch Plants	Bethany Batch Plant	400A, Electric Welder	115
BethComplex_N_Access_B-09	Roads	Bethany Complex N Access	400A, Electric Welder	3

Code	Feature Category	Feature	Equipment	KWh/day
BethComplex_S_Access_B-02	Roads	Bethany Complex S Access	400A, Electric Welder	3
BethComplex_S_Access_B-11	Roads	Bethany Complex S Access	400A, Electric Welder	<1
BethComplex_S_Access_B-12	Roads	Bethany Complex S Access	400A, Electric Welder	2
BethComplex_S_Access_B-13	Roads	Bethany Complex S Access	400A, Electric Welder	2
LowerRobert_RailAccess_B-02	Rail	Bethany Lower Roberts Rail Access	400A, Electric Welder	3
LowerRobertOptB2_Shaft_B-02	Shafts	Lower Roberts Shaft Alt 5	Water Pump 4" Electric	7
LowerRobertOptB2_Shaft_B-04	Shafts	Lower Roberts Shaft Alt 5	Gantry Crane	<1
LowerRobertOptB2_Shaft_B-07	Shafts	Lower Roberts Shaft Alt 5	Water Pump 4" Electric	16
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Gantry Crane	3
LowerRobertOptB2_Shaft_B-08	Shafts	Lower Roberts Shaft Alt 5	Axial Fan 114,000 CFM	293
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Gantry Crane	1
LowerRobertOptB2_Shaft_B-09	Shafts	Lower Roberts Shaft Alt 5	Axial Fan 114,000 CFM	333
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Gantry Crane	9
LowerRobertOptB2_Shaft_B-10	Shafts	Lower Roberts Shaft Alt 5	Axial Fan 114,000 CFM	10,008
LowerRobertOptB2_Shaft_B-11	Shafts	Lower Roberts Shaft Alt 5	Axial Fan 114,000 CFM	7,818
LowerRobertOptB2_Shaft_B-12	Shafts	Lower Roberts Shaft Alt 5	Gantry Crane	4
LowerRobertOptB2_Shaft_B-13	Shafts	Lower Roberts Shaft Alt 5	Gantry Crane	2
UnionOptB2_Shaft_B-03	Shafts	Union Island Shaft Alt 5	Water Pump 4" Electric	12
UnionOptB2_Shaft_B-13	Shafts	Union Island Shaft Alt 5	Axial Fan 114,000 CFM	41
UpperJonesOptB2_Shaft_B-03	Shafts	Upper Jones Shaft Alt 5	Water Pump 4" Electric	12
UpperJonesOptB2_Shaft_B-13	Shafts	Upper Jones Shaft Alt 5	Axial Fan 114,000 CFM	41
TwinCitiesOptB2_Shaft_B-1	Shafts	Twin Cities Shaft Alt 5	400A, Electric Welder	1
TwinCitiesOptB2_Shaft_B-2	Shafts	Twin Cities Shaft Alt 5	400A, Electric Welder	<1
TwinCitiesOptB2_Shaft_B-23	Shafts	Twin Cities Shaft Alt 5	Gantry Crane	3
TwinCitiesOptB2_Shaft_B-23	Shafts	Twin Cities Shaft Alt 5	Axial Fan 114,000 CFM	2,520
TwinCitiesOptB2_Shaft_B-24	Shafts	Twin Cities Shaft Alt 5	Axial Fan 114,000 CFM	7,570
TwinCitiesOptB2_Shaft_B-25	Shafts	Twin Cities Shaft Alt 5	Gantry Crane	4
TwinCitiesOptB2_Shaft_B-25	Shafts	Twin Cities Shaft Alt 5	Axial Fan 114,000 CFM	271
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	Gantry Crane	11
TwinCitiesOptB2_Shaft_B-26	Shafts	Twin Cities Shaft Alt 5	Axial Fan 114,000 CFM	7,644
TwinCitiesOptB2_Shaft_B-27	Shafts	Twin Cities Shaft Alt 5	Gantry Crane	4
TwinCitiesOptB2_Shaft_B-28	Shafts	Twin Cities Shaft Alt 5	Gantry Crane	5
BethComplexOptB2-05	Bethany Complex	Bethany Complex	400A, Electric Welder	303
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	1
BethComplexOptB2-06	Bethany Complex	Bethany Complex	400A, Electric Welder	237
BethComplexOptB2-06	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	30
BethComplexOptB2-07	Bethany Complex	Bethany Complex	400A, Electric Welder	59
BethComplexOptB2-07	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	10
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	52
BethComplexOptB2-08	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	214
BethComplexOptB2-09	Bethany Complex	Bethany Complex	400A, Electric Welder	146

Code	Feature Category	Feature	Equipment	KWh/day
BethComplexOptB2-10	Bethany Complex	Bethany Complex	400A, Electric Welder	<1
BethComplexOptB2-12	Bethany Complex	Bethany Complex	400A, Electric Welder	4
BethComplexOptB2-13	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	2
BethComplexOptB2-14	Bethany Complex	Bethany Complex	400A, Electric Welder	42
BethComplexOptB2-14	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	4
BethComplexOptB2-16	Bethany Complex	Bethany Complex	Axial Fan 114000 cfm/minute	307
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	2
BethComplexOptB2-18	Bethany Complex	Bethany Complex	400A, Electric Welder	22
BethComplexOptB2-18	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	62
BethComplexOptB2-20	Bethany Complex	Bethany Complex	400A, Electric Welder	135
BethComplexOptB2-21	Bethany Complex	Bethany Complex	400A, Electric Welder	16
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	17
BethComplexOptB2-24	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	77
BethComplexOptB2-26	Bethany Complex	Bethany Complex	400A, Electric Welder	114
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	10
BethComplexOptB2-27	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	45
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	1
BethComplexOptB2-28	Bethany Complex	Bethany Complex	400A, Electric Welder	165
BethComplexOptB2-28	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	2
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	4
BethComplexOptB2-32	Bethany Complex	Bethany Complex	400A, Electric Welder	126
BethComplexOptB2-32	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	12
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	<1
BethComplexOptB2-33	Bethany Complex	Bethany Complex	400A, Electric Welder	114
BethComplexOptB2-33	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	1
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	4
BethComplexOptB2-34	Bethany Complex	Bethany Complex	400A, Electric Welder	27
BethComplexOptB2-34	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	13
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	2
BethComplexOptB2-35	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	7
BethComplexOptB2-38	Bethany Complex	Bethany Complex	400A, Electric Welder	391
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Water Pump, 4" Electrical, Submersible	3
BethComplexOptB2-44	Bethany Complex	Bethany Complex	Concrete Vibrator, 2"	70

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Table 23B-23. Construction Assumptions—Onsite Septic Treatment

Alternative	Total Gallons
1	10,560,000
2a	12,540,000
2b	8,712,000
2c	10,164,000
3	11,352,000
4a	13,332,000
4b	9,108,000
4c	10,560,000
5	10,824,000

1 **Table 23B-24. Construction Assumptions—SF6 Circuit Breakers**

Facility	Breakers	Location	Alternative
Intake C-E-2	1	69-kV on-site substation—Intake C-E-2	2a, 4a
Intake C-E-3	1	69-kV on-site substation—Intake C-E-3	1, 3, 2a, 2c, 4a, 4c, 5
Intake C-E-3	2	Double-circuit junction switchyard— intake haul road (7,500 cfs Option only)	2a, 4a
Intake C-E-5	1	69-kV on-site substation—Intake C-E-5	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Intake C-E-5	2	Double-circuit junction switchyard— intake haul road	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Lambert Road Batch Plants	3	Triple-circuit on-site switchyard—1 to Intakes, 1 to Twin Cities Substation, 1 to Batch Plants	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Lambert Road Batch Plants	1	Existing SMUD Franklin Substation	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Twin Cities Dual Tunnel Launch Shaft	1	69-kV on-site main distribution substation	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Twin Cities Dual Tunnel Launch Shaft	2	69-kV on-site substations—tunnel launch shafts	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Twin Cities Dual Tunnel Launch Shaft	2	69-kV on-site substations—dryers	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Bouldin/Lower Roberts Island Tunnel Launch and Reception Shaft	1	On-site substation—tunnel launch shaft	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Bouldin/Lower Roberts Island Tunnel Launch and Reception Shaft	2	230-kV PG&E substation—I-5 and SR 12	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Southern Complex/Bethany Complex	1	Existing PG&E Brentwood Substation	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Southern Complex/Bethany Complex	1	Existing WAPA Tracy Substation	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Southern Complex/Bethany Complex	2	115-kV on-site main distribution substation	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Southern Complex/Bethany Complex	1	69-kV on-site substation—tunnel launch shaft	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Southern Complex/Bethany Complex	1	69-kV on-site substation—dryers	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
Southern Complex/Bethany Complex	1	69-kV on-site substation—tunnel launch shaft	1, 3, 2a, 2b, 2c, 4a, 4b, 4c, 5
D-MC Control Structure	1	On-site electrical building	2a, 4a
D-MC Control Structure	1	Single-circuit junction switchyard at connection to proposed overhead	2a, 4a

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Table 23B-25. Construction Assumptions—Helicopters

Code	Feature Category	Feature	Helicopter	Days of Use	LTO/Day	Hrs./Day
GT_Air_Mag	Geotechnical Investigation	Airborne Magnetic Survey	Bell 407	3	7	10
SComplexByronOpt1-5	Southern Complex	S. Complex Byron Tract Alt 1	Hughes 500	21	2	12
SComplexByronOpt2-5	Southern Complex	S. Complex Byron Tract Alt 3	Hughes 500	21	2	12
SComplexByronOpt5-5	Southern Complex	S. Complex Byron Tract Alt 2b	Hughes 500	21	2	12
SComplexByronOpt6-5	Southern Complex	S. Complex Byron Tract Alt 4b	Hughes 500	21	2	12
SComplexByronOpt9-5	Southern Complex	S. Complex Byron Tract Alt 2a	Hughes 500	21	2	12
SComplexByronOpt10-5	Southern Complex	S. Complex Byron Tract Alt 4a	Hughes 500	21	2	12
SComplexByronOpt7-5	Southern Complex	S. Complex Byron Tract Alt 2b	Hughes 500	21	2	12
SComplexByronOpt8-5	Southern Complex	S. Complex Byron Tract Alt 4b	Hughes 500	21	2	12

1 **Table 23B-26. Operation and Maintenance Assumptions—Maintenance**

											Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
PR	x	x	x				x	Intake 2	Sac	Whole site	Inspection / security check	Daily	All	4 hrs	2	40																		
PR	x	x	x				x	Intake 2	Sac	Electrical equipment (general)	Inspection and testing	Weekly	All	4 hrs	2	40																		
PR	x	x	x				x	Intake 2	Sac	Intake screens	Test operability	Monthly	All	0.5 days	2	40																		
PR	x	x	x				x	Intake 2	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	7.5 days	2	40				Boom truck	2	0.5	4	Boom truck	300	7.5	80%	8							
PR	x	x	x				x	Intake 2	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	7.5 days	2	40	2	1	46					Pressure washer	14	7.5	50%	5							
PR	x	x	x				x	Intake 2	Sac	Intake screens	Refurbish	Annually	Aug	3 days	1	40				Low loader	2	1	4	Forklift	74	3	20%	2							
PR	x	x	x				x	Intake 2	Sac	Intake screens	Refurbish	Annually	Aug	3 days	1	40				Flat bed truck	2	0.5	40												
PR	x	x	x				x	Intake 2	Sac	Intake screens	Refurbish	Annually	Aug	3 days	2	40				Boom truck	2	0.5	4	Boom truck	300	3	80%	8							
PR	x	x	x				x	Intake 2	Sac	Intake	Dive inspection	Annually	Any	2 days	2	40	2	1	46					Dive boat	150	2	20%	2							
PR	x	x	x				x	Intake 2	Sac	Roller gates	Test operability	Bi-annually	Any	4.5 days	2	40																		
PR	x	x	x				x	Intake 2	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	40				Boom truck	1	1	4	Boom truck	300	1	80%	8							
PR	x	x	x				x	Intake 2	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	40				Flat bed truck	1	1	4	Flat bed truck	380	1	80%	8	40						
PR	x	x	x				x	Intake 2	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	4.5 days	2	40				Boom truck	2	0.5	4	Boom truck	300	4.5	80%	8							
PR	x	x	x				x	Intake 2	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	4.5 days	2	40				Flat bed truck	2	0.5	4												
PR	x	x	x				x	Intake 2	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	40				Boom truck	1	1	4	Boom truck	300	1	80%	8							
PR	x	x	x				x	Intake 2	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	40				Flat bed truck	1	1	4	Flat bed truck	380	1	50%	5	25						
PR	x	x	x				x	Intake 2	Sac	Any	Unforeseen maintenance	Annually	Any	10 days	4	40																		
PR	x	x	x				x	Intake 2	Sac	Control system	Verification testing	Annually	Any	1 day	2	40																		
PR	x	x	x				x	Intake 2	Sac	Flow meters and other instrumentation	Calibrate instrumentation	Annually	Any	5 days	2	40																		
PR	x	x	x				x	Intake 2	Sac	Whole site	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	40	2	1	46					Mower	26	5	80%	8							
PR	x	x	x				x	Intake 2	Sac	Whole site	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	40	2	1	46					Pressure washer	14	5	80%	8							
PR	x	x	x				x	Intake 2	Sac	Standby generators	Test operability	Monthly	All	1 hr	2	40																2	50	4	1	6
PR	x	x	x				x	Intake 2	Sac	Site roads	General maintenance	Annually	Apr-May	5 days	1	40				Low loader	2	1	40	Motor grader	139	5	80%	8							
PR	x	x	x				x	Intake 2	Sac	Site roads	General maintenance	Annually	Apr-May	5 days	1	40				Low loader	2	1	40	Gradall	215	5	80%	8							
PR	x	x	x				x	Intake 2	Sac	Radial gates (+ sluice gate)	Test operability	Annually	May-Sept	0.5 days	2	40				Boom truck	1	1	4	Boom truck	300	0.5	50%	5							
PR	x	x	x				x	Intake 2	Sac	Radial gates (+ sluice gate)	Test operability	Annually	May-Sept	0.5 days	1	40				Flat bed truck	1	1	4	Flat bed truck	380	0.5	50%	5	25						
PR	x	x	x				x	Intake 2	Sac	Radial gates (+ sluice gate)	Test operability	Annually	May-Sept	0.5 days	1	40				Low loader	1	1	4	Forklift	74	0.5	10%	1							
PR	x	x	x				x	Intake 2	Sac	Radial gates (+ sluice gate)	Lubrication	Annually	May-Sept	0.5 days	2	40																		
PR	x	x	x				x	Intake 2	Sac	Sediment jetting pump and system	Test operability	Annually	May-Sept	2 days	2	40																		
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Install pumps	Annually	Aug-Sept	1 day	1	40				Boom truck	1	1	4	Boom truck	300	1	20%	2							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Test operability	Annually	Aug-Sept	2 days	2	40																		
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	Aug-Sept	4 days	2	40								Dredge	400	4	100%	10							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	Aug-Sept	4 days	1	40																		
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Drain water	Annually	Aug-Sept	2 days	2	40																		
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Disc sediment	Annually	Aug-Sept	4 days	1	40				Low loader	2	1	40	Tractor	90	4	100%	10							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	Aug-Sept	6 days	1	40				Low loader	2	1	40	Wheel loader (small)	168	6	100%	10							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	Aug-Sept	6 days	1	40				Low loader	2	2	40	Dump trucks (small) (x2)	74	12	100%	10							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Haul sediment to landfill	Annually	Aug-Sept	6 days	2	40				Haul truck	6	27	50							404					
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Jet wash / clean underdrains	Annually	Aug-Sept	4 days	2	40				Sewer jet truck	2	0.5	40	Sewer jet truck	300	4	100%	10	50						
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Remove pumps	Annually	Aug-Sept	1 day	2	40																		
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Jet wash basins and final clear out	Annually	Aug-Sept	1 day	2	40								Pressure washer	14	1	80%	8							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Jet wash basins and final clear out	Annually	Aug-Sept	1 day	2	40								Wheel loader (small)	168	1	80%	8							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Demobilisation inc. cleaning and storing	Annually	Aug-Sept	4 days	1	40				Low loader	2	1	40	Wheel loader (small)	168	4	80%	8							
PR	x	x					x	Intake 2	Sac	Sediment Basin	Sediment removal - Supervision	Annually	Aug-Sept	12 days	1	40																		
PR	x	x	x				x	Intake 2	Sac	Wet Well	Sediment removal - Excavate sediment	Annually	Aug-Sept	3 days	5	40				Low loader	2	1	40	Boom truck	300	3	50%	5							
PR	x	x	x				x	Intake 2	Sac	Wet Well	Sediment removal - Haul sediment to landfill	Annually	Aug-Sept	1 day	2	40				Haul truck	1	4	200												
PR	x	x	x				x	Intake 2	Sac	Wet Well	Sediment removal - Inspect wet well	Annually	Aug-Sept	1 day	2	40																		
PR	x	x	x				x	Intake 2	Sac	Gantry Crane	Inspection and testing	Annually	Any	1 day	2	40																		
PR	x	x	x				x	Intake 2	Sac	Office, locker room and restroom	Janitorial service	Weekly	All	4 hrs	2	40																		
PR	x	x	x				x	Intake 2	Sac	Embankments	Survey	Annually	Apr-Oct	3 days	2	40																		

										Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
PR	x	x	x				x	Intake 2	Sac	Electrical substation	Test operability	Bi-weekly	All	4 hrs	2	40																		
PR	x	x	x		x	x	x	Intake 3	Sac	Whole site	Inspection / security check	Daily	All	4 hrs	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Electrical equipment (general)	Inspection and testing	Weekly	All	4 hrs	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Intake screens	Test operability	Monthly	All	1 day	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	15 days	2	42								Boom truck	300	15	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	15 days	2	42	2	1	50					Pressure washer	14	15	50%	5							
PR	x	x	x		x	x	x	Intake 3	Sac	Intake screens	Refurbish	Annually	Aug	6 days	1	42								Forklift	74	6	20%	2							
PR	x	x	x		x	x	x	Intake 3	Sac	Intake screens	Refurbish	Annually	Aug	6 days	1	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Intake screens	Refurbish	Annually	Aug	6 days	2	42								Boom truck	300	6	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Intake	Dive inspection	Annually	Any	2 days	2	42	2	1	50					Dive boat	150	2	20%	2							
PR	x	x	x		x	x	x	Intake 3	Sac	Roller gates	Test operability	Bi-annually	Any	9 days	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	42								Boom truck	300	1	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	42								Flat bed truck	380	1	80%	8	40						
PR	x	x	x		x	x	x	Intake 3	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	9 days	2	42								Boom truck	300	9	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	9 days	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	42								Boom truck	300	1	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	42								Flat bed truck	380	1	50%	5	25						
PR	x	x	x		x	x	x	Intake 3	Sac	Any	Unforeseen maintenance	Annually	Any	10 days	4	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Control system	Verification testing	Annually	Any	1 day	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Flow meters and other instrumentation	Calibrate instrumentation	Annually	Any	10 days	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Whole site	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	42	2	1	50					Mower	26	5	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Whole site	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	42	2	1	50					Pressure washer	14	5	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Standby generators	Test operability	Monthly	All	1 hr	2	42															2	50	4	1	6
PR	x	x	x		x	x	x	Intake 3	Sac	Site roads	General maintenance	Annually	Apr-May	5 days	1	42				Low loader	2	1	42	Motor grader	139	5	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Site roads	General maintenance	Annually	Apr-May	5 days	1	42				Low loader	2	1	42	Gradall	215	5	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Radial gates (+ sluice gate)	Test operability	Annually	May-Sept	1 day	2	42								Boom truck	300	1	50%	5							
PR	x	x	x		x	x	x	Intake 3	Sac	Radial gates (+ sluice gate)	Test operability	Annually	May-Sept	1 day	1	42								Flat bed truck	380	1	50%	5	25						
PR	x	x	x		x	x	x	Intake 3	Sac	Radial gates (+ sluice gate)	Test operability	Annually	May-Sept	1 day	1	42								Forklift	74	1	10%	1							
PR	x	x	x		x	x	x	Intake 3	Sac	Radial gates (+ sluice gate)	Lubrication	Annually	May-Sept	1 day	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment jetting pump and system	Test operability	Annually	May-Sept	4 days	2	42																		
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment Basin	Sediment removal - Install pumps	Annually	May-Jul	1 day	1	42								Boom truck	300	1	20%	2							
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment Basin	Sediment removal - Test operability	Annually	May-Jul	2 days	2	42																		
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	6 days	2	42								Dredge	400	6	100%	10							
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	6 days	1	42																		
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Drain water	Annually	May-Jul	3 days	2	42																		
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Disc sediment	Annually	May-Jul	6 days	1	42				Low loader	2	1	42	Tractor	90	6	100%	10							
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	9 days	1	42				Low loader	2	1	42	Wheel loader (small)	168	9	100%	10							
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	9 days	1	42				Low loader	2	2	42	Dump trucks (small) (x2)	74	9	100%	10							
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Haul sediment to landfill	Annually	May-Jul	9 days	1	42				Haul truck	9	32	48							472					
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	6 days	2	42								Dredge	400	6	100%	10							
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	6 days	1	42																		
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Drain water	Annually	May-Jul	3 days	2	42																		
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Disc sediment	Annually	May-Jul	6 days	1	42				Low loader	2	1	42	Tractor	90	6	100%	10							
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	9 days	1	42				Low loader	2	1	42	Wheel loader (small)	168	9	100%	10							
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	9 days	1	42				Low loader	2	2	42	Dump trucks (small) (x2)	74	9	100%	10							
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Haul sediment to landfill	Annually	May-Jul	9 days	1	42				Haul truck	9	33	48							489					
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	4 days	2	42								Dredge	400	4	100%	10							
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	4 days	1	42																		
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Drain water	Annually	May-Jul	2 days	2	42																		
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Disc sediment	Annually	May-Jul	4 days	1	42				Low loader	2	1	42	Tractor	90	4	100%	10							
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	6 days	1	42				Low loader	2	1	42	Wheel loader (small)	168	6	100%	10							
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	6 days	1	42				Low loader	2	2	42	Dump trucks (small) (x2)	74	12	100%	10							
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Haul sediment to landfill	Annually	May-Jul	6 days	1	42				Haul truck	6	43	48							630					

											Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators					
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	6 days	2	42								Dredge	400	6	100%	10							
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Pump out water / dredge	Annually	May-Jul	6 days	1	42																			
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Drain water	Annually	May-Jul	3 days	2	42																			
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Disc sediment	Annually	May-Jul	6 days	1	42				Low loader	2	1	42	Tractor	90	6	100%	10							
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	9 days	1	42				Low loader	2	1	42	Wheel loader (small)	168	9	100%	10							
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	May-Jul	9 days	1	42				Low loader	2	2	42	Dump trucks (small) (x2)	74	9	100%	10							
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Haul sediment to landfill	Annually	May-Jul	9 days	1	42				Haul truck	9	33	48							489					
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment Basin	Sediment removal - Jet wash / clean underdrains	Annually	May-Jul	4 days	2	42				Sewer jet truck	2	0.5	42	Sewer jet truck	300	4	100%	10	50						
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment Basin	Sediment removal - Remove pumps	Annually	May-Jul	1 day	2	42																			
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment Basin	Sediment removal - Jet wash basins and final clear out	Annually	May-Jul	1 day	2	42								Pressure washer	14	1	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment Basin	Sediment removal - Jet wash basins and final clear out	Annually	May-Jul	1 day	2	42								Wheel loader (small)	168	1	80%	8							
PR	x	x	x		x	x	x	Intake 3	Sac	Sediment Basin	Sediment removal - Demobilisation inc. cleaning and storing	Annually	May-Jul	4 days	1	42				Low loader	2	1	42	Wheel loader (small)	168	4	80%	8							
PR	x	x			x			Intake 3	Sac	Sediment Basin	Sediment removal - Supervision	Annually	May-Jul	15 days	1	42																			
PR	x	x				x		Intake 3	Sac	Sediment Basin	Sediment removal - Supervision	Annually	May-Jul	15 days	1	42																			
PR	x	x					x	Intake 3	Sac	Sediment Basin	Sediment removal - Supervision	Annually	May-Jul	12 days	1	42																			
PR			x			x		Intake 3	Sac	Sediment Basin	Sediment removal - Supervision	Annually	May-Jul	15 days	1	42																			
PR	x	x	x		x	x	x	Intake 3	Sac	Wet Well	Sediment removal - Excavate sediment	Annually	May-Jul	3 days	5	42				Low loader	2	1	42	Boom truck	300	3	50%	5							
PR	x	x	x		x	x	x	Intake 3	Sac	Wet Well	Sediment removal - Haul sediment to landfill	Annually	May-Jul	1 day	2	42				Haul truck	1	4	384												
PR	x	x	x		x	x	x	Intake 3	Sac	Wet Well	Sediment removal - Inspect wet well	Annually	May-Jul	1 day	2	42																			
PR	x	x	x		x	x	x	Intake 3	Sac	Gantry Crane	Inspection and testing	Annually	Any	1 day	2	42																			
PR	x	x	x		x	x	x	Intake 3	Sac	Office, locker room and restroom	Janitorial service	Weekly	All	4 hrs	2	42																			
PR	x	x	x		x	x	x	Intake 3	Sac	Embankments	Survey	Annually	Apr-Oct	3 days	2	42																			
PR	x	x	x		x	x	x	Intake 3	Sac	Electrical substation	Test operability	Bi-weekly	All	4 hrs	2	42																			
PR	x	x	x	x	x	x	x	Intake 5	Sac	Whole site	Inspection / security check	Daily	All	4 hrs	2	44																			
PR	x	x	x	x	x	x	x	Intake 5	Sac	Electrical equipment (general)	Inspection and testing	Weekly	All	4 hrs	2	44																			
PR	x	x	x	x		x	x	Intake 5	Sac	Intake screens	Test operability	Monthly	All	1 day	2	44																			
PR	x	x	x	x		x	x	Intake 5	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	15 days	2	44				Boom truck	2	0.5	4	Boom truck	300	15	80%	8							
PR	x	x	x	x		x	x	Intake 5	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	15 days	2	44	2	1	56					Pressure washer	14	15	50%	5							
PR	x	x	x	x		x	x	Intake 5	Sac	Intake screens	Refurbish	Annually	Aug	6 days	1	44				Low loader	2	1	4	Forklift	74	6	20%	2							
PR	x	x	x	x		x	x	Intake 5	Sac	Intake screens	Refurbish	Annually	Aug	6 days	1	44				Flat bed truck	2	0.5	44												
PR	x	x	x	x		x	x	Intake 5	Sac	Intake screens	Refurbish	Annually	Aug	6 days	2	44				Boom truck	2	0.5	4	Boom truck	300	6	80%	8							
PR	x	x	x		x			Intake 5	Sac	Intake screens	Test operability	Monthly	All	0.5 days	2	44																			
PR	x	x	x		x			Intake 5	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	7.5 days	2	44				Boom truck	2	0.5	4	Boom truck	300	7.5	80%	8							
PR	x	x	x		x			Intake 5	Sac	Intake screens	Pressure wash	Bi-annually	Apr/Oct	7.5 days	2	44	2	1	56					Pressure washer	14	7.5	50%	5							
PR	x	x	x		x			Intake 5	Sac	Intake screens	Refurbish	Annually	Aug	3 days	1	44				Low loader	2	1	4	Forklift	74	3	20%	2							
PR	x	x	x		x			Intake 5	Sac	Intake screens	Refurbish	Annually	Aug	3 days	1	44				Flat bed truck	2	0.5	44												
PR	x	x	x		x			Intake 5	Sac	Intake screens	Refurbish	Annually	Aug	3 days	2	44				Boom truck	2	0.5	4	Boom truck	300	3	80%	8							
PR	x	x	x	x	x	x	x	Intake 5	Sac	Intake	Dive inspection	Annually	Any	2 days	2	44	2	1	56					Dive boat	150	2	20%	2							
PR	x	x	x	x		x	x	Intake 5	Sac	Roller gates	Test operability	Bi-annually	Any	9 days	2	44																			
PR	x	x	x	x		x	x	Intake 5	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	44				Boom truck	1	1	4	Boom truck	300	1	80%	8							
PR	x	x	x	x		x	x	Intake 5	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	44				Flat bed truck	1	1	4	Flat bed truck	380	1	80%	8	40						
PR	x	x	x	x		x	x	Intake 5	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	9 days	2	44				Boom truck	2	0.5	4	Boom truck	300	9	80%	8							
PR	x	x	x	x		x	x	Intake 5	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	9 days	2	44				Flat bed truck	2	0.5	4												
PR	x	x	x	x		x	x	Intake 5	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	44				Boom truck	1	1	4	Boom truck	300	1	80%	8							
PR	x	x	x	x		x	x	Intake 5	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	44				Flat bed truck	1	1	4	Flat bed truck	380	1	50%	5	25						
PR	x	x	x		x			Intake 5	Sac	Roller gates	Test operability	Bi-annually	Any	4.5 days	2	44																			
PR	x	x	x		x			Intake 5	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	44				Boom truck	1	1	4	Boom truck	300	1	80%	8							
PR	x	x	x		x			Intake 5	Sac	Roller gates	Refurbish - Install isolation gates	Annually	May-Sept	1 day	2	44				Flat bed truck	1	1	4	Flat bed truck	380	1	80%	8	40						
PR	x	x	x		x			Intake 5	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	4.5 days	2	44				Boom truck	2	0.5	4	Boom truck	300	4.5	80%	8							
PR	x	x	x		x			Intake 5	Sac	Roller gates	Refurbish - Remove and replace roller gates	Annually	May-Sept	4.5 days	2	44				Flat bed truck	2	0.5	4												
PR	x	x	x		x			Intake 5	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	44				Boom truck	1	1	4	Boom truck	300	1	80%	8							
PR	x	x	x		x			Intake 5	Sac	Roller gates	Refurbish - Reinstall isolation gates	Annually	May-Sept	1 day	2	44				Flat bed truck	1	1	4	Flat bed truck	380	1	50%	5	25						
PR	x	x	x	x	x	x	x	Intake 5	Sac	Any	Unforeseen maintenance	Annually	Any	10 days	4	44																			

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											Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment								Generators					
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
PR			x			x		Intake 5	Sac	Sediment Basin	Sediment removal - Disc sediment	Annually	Jun-Aug	6 days	1	44				Low loader	2	1	44	Tractor	90	6	100%	10										
PR			x			x		Intake 5	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	Jun-Aug	9 days	1	44				Low loader	2	1	44	Wheel loader (small)	168	9	100%	10										
PR			x			x		Intake 5	Sac	Sediment Basin	Sediment removal - Remove sediment from basin	Annually	Jun-Aug	9 days	1	44				Low loader	2	2	44	Dump trucks (small) (x2)	74	9	100%	10										
PR			x			x		Intake 5	Sac	Sediment Basin	Sediment removal - Haul sediment to landfill	Annually	Jun-Aug	9 days	1	44				Haul truck	9	43	50								633					
PR	x	x	x	x	x	x	x	Intake 5	Sac	Sediment Basin	Sediment removal - Jet wash / clean underdrains	Annually	Jun-Aug	4 days	2	44				Sewer jet truck	2	0.5	44	Sewer jet truck	300	4	100%	10	50									
PR	x	x	x	x	x	x	x	Intake 5	Sac	Sediment Basin	Sediment removal - Remove pumps	Annually	Jun-Aug	1 day	2	44																					
PR	x	x	x	x	x	x	x	Intake 5	Sac	Sediment Basin	Sediment removal - Jet wash basins and final clear out	Annually	Jun-Aug	1 day	2	44								Pressure washer	14	1	80%	8									
PR	x	x	x	x	x	x	x	Intake 5	Sac	Sediment Basin	Sediment removal - Jet wash basins and final clear out	Annually	Jun-Aug	1 day	2	44								Wheel loader (small)	168	1	80%	8									
PR	x	x	x	x	x	x	x	Intake 5	Sac	Sediment Basin	Sediment removal - Demobilisation inc. cleaning and storing	Annually	Jun-Aug	4 days	1	44				Low loader	2	1	44	Wheel loader (small)	168	4	80%	8									
PR	x	x		x				Intake 5	Sac	Sediment Basin	Sediment removal - Supervision	Annually	Jun-Aug	18 days	1	44																					
PR	x	x			x			Intake 5	Sac	Sediment Basin	Sediment removal - Supervision	Annually	Jun-Aug	15 days	1	44																					
PR	x	x				x		Intake 5	Sac	Sediment Basin	Sediment removal - Supervision	Annually	Jun-Aug	15 days	1	44																					
PR	x	x					x	Intake 5	Sac	Sediment Basin	Sediment removal - Supervision	Annually	Jun-Aug	15 days	1	44																					
PR			x			x		Intake 5	Sac	Sediment Basin	Sediment removal - Supervision	Annually	Jun-Aug	15 days	1	44																					
PR	x	x	x	x	x	x	x	Intake 5	Sac	Wet Well	Sediment removal - Excavate sediment	Annually	Jun-Aug	3 days	5	44				Low loader	2	1	44	Boom truck	300	3	50%	5									
PR	x	x	x	x	x	x	x	Intake 5	Sac	Wet Well	Sediment removal - Haul sediment to landfill	Annually	Jun-Aug	1 day	2	44				Haul truck	1	4	416														
PR	x	x	x	x	x	x	x	Intake 5	Sac	Wet Well	Sediment removal - Inspect wet well	Annually	Jun-Aug	1 day	2	44																					
PR	x	x	x	x	x	x	x	Intake 5	Sac	Gantry Crane	Inspection and testing	Annually	Any	1 day	2	44																					
PR	x	x	x	x	x	x	x	Intake 5	Sac	Office, locker room and restroom	Janitorial service	Weekly	All	4 hrs	2	44																					
PR	x	x	x	x	x	x	x	Intake 5	Sac	Embankments	Survey	Annually	Apr-Oct	3 days	2	44																					
PR	x	x	x	x	x	x	x	Intake 5	Sac	Electrical substation	Test operability	Bi-weekly	All	4 hrs	2	44																					
SD	x	x	x	x	x	x	x	Tunnels	All		Long term only, see below		n/a																								
SD	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Whole site	Inspection / security check	Daily	All	1 hr	2	64																					
SD	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	64	2	1	64					Mower	26	2	80%	8									
SD	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	64	2	1	64					Pressure washer	14	2	80%	8									
SD	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Instrumentation	Test operability / calibration	Annually	Any	0.5 days	2	64																					
SD	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	RTM Stockpile	Ground maintenance	Bi-annually	Apr/Oct	5 days	2	64	2	1	64					Mower	26	5	80%	8									
SD	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	76																					
SD	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	76	2	1	76					Mower	26	2	80%	8									
SD	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	76	2	1	76					Pressure washer	14	2	80%	8									
SD		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	72																					
SD		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	72	2	1	72					Mower	26	2	80%	8									
SD		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	72	2	1	72					Pressure washer	14	2	80%	8									
SD		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	78																					
SD		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	78	2	1	78					Mower	26	2	80%	8									
SD		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	78	2	1	78					Pressure washer	14	2	80%	8									
SD	x			x	x	x	x	Staten Island Maintenance Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	82																					
SD	x			x	x	x	x	Staten Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	82	2	1	82					Mower	26	2	80%	8									
SD	x			x	x	x	x	Staten Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	82	2	1	82					Pressure washer	14	2	80%	8									
SD		x	x	x	x	x	x	Terminous Tract Reception Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	90																					
SD		x	x	x	x	x	x	Terminous Tract Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	90	2	1	90					Mower	26	2	80%	8									
SD		x	x	x	x	x	x	Terminous Tract Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	90	2	1	90					Pressure washer	14	2	80%	8									
SD		x	x	x	x	x	x	Terminous Tract Reception Shaft	SJ	Instrumentation	Test operability / calibration	Annually	Any	0.5 days	2	90																					
SD	x			x	x	x	x	Bouldin Island Launch and Reception Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	112																					
SD	x			x	x	x	x	Bouldin Island Launch and Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	112	2	1	112					Mower	26	2	80%	8									
SD	x			x	x	x	x	Bouldin Island Launch and Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	112	2	1	112					Pressure washer	14	2	80%	8									
SD	x			x	x	x	x	Bouldin Island Launch and Reception Shaft	SJ	Instrumentation	Test operability / calibration	Annually	Any	0.5 days	2	112																					
SD	x			x	x	x	x	Bouldin Island Launch and Reception Shaft	SJ	RTM Stockpile	Ground maintenance	Bi-annually	Apr/Oct	5 days	2	112	2	1	112					Mower	26	5	80%	8									
SD		x	x	x	x	x	x	King Island Maintenance Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	96																					
SD		x	x	x	x	x	x	King Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	96	2	1	96					Mower	26	2	80%	8									

											Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators					
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
SD		x	x	x	x	x	x	King Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	96	2	1	96					Pressure washer	14	2	80%	8								
SD	x			x	x	x	x	Mandeville Island Maintenance Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	70																				
SD	x			x	x	x	x	Mandeville Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	70	2	1	70					Mower	26	2	80%	8							
SD	x			x	x	x	x	Mandeville Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	70	2	1	70					Pressure washer	14	2	80%	8							
SD		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	52																				
SD		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	52	2	1	52					Mower	26	2	80%	8							
SD		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	52	2	1	52					Pressure washer	14	2	80%	8							
SD		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Instrumentation	Test operability / calibration	Annually	Any	0.5 days	2	52																				
SD		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	RTM Stockpile	Ground maintenance	Bi-annually	Apr/Oct	5 days	2	52	2	1	52					Mower	26	5	80%	8							
SD	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	64																				
SD	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	64	2	1	64					Mower	26	2	80%	8							
SD	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	64	2	1	64					Pressure washer	14	2	80%	8							
SD		x	x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	74																				
SD		x	x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	74	2	1	74					Mower	26	2	80%	8							
SD		x	x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	74	2	1	74					Pressure washer	14	2	80%	8							
SD	x	x		x	x	x	x	Byron Tract Maintenance Shaft	CC	Whole site	Inspection / security check	Daily	All	1 hr	2	26																				
SD	x	x		x	x	x	x	Byron Tract Maintenance Shaft	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	26	2	1	26					Mower	26	2	80%	8							
SD	x	x		x	x	x	x	Byron Tract Maintenance Shaft	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	26	2	1	26					Pressure washer	14	2	80%	8							
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (North)	CC	Whole site	Inspection / security check	Daily	All	1 hr	2	28																				
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (North)	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	28	2	1	28					Mower	26	2	80%	8							
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (North)	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	28	2	1	28					Pressure washer	14	2	80%	8							
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (North)	CC	Instrumentation	Test operability / calibration	Annually	Any	0.5 days	2	28																				
SD		x			x	x	x	Southern Forebay Launch Shaft (North and South)	CC	RTM Stockpile	Ground maintenance	Bi-annually	Apr/Oct	5 days	2	28	2	1	28					Mower	26	5	80%	8							
SD			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Whole site	Inspection / security check	Daily	All	1 hr	2	40																				
SD			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	40	2	1	40					Mower	26	2	80%	8							
SD			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	40	2	1	40					Pressure washer	14	2	80%	8							
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (South)	CC	Whole site	Inspection / security check	Daily	All	1 hr	2	14																				
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (South)	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	14	2	1	14					Mower	26	2	80%	8							
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (South)	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	14	2	1	14					Pressure washer	14	2	80%	8							
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (South)	CC	Instrumentation	Test operability / calibration	Annually	Any	0.5 days	2	14																				
SD	x	x		x	x	x	x	CA Aqueduct Reception Shaft	CC	Whole site	Inspection / security check	Daily	All	1 hr	2	10																				
SD	x	x		x	x	x	x	CA Aqueduct Reception Shaft	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	10	2	1	10					Mower	26	2	80%	8							
SD	x	x		x	x	x	x	CA Aqueduct Reception Shaft	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	10	2	1	10					Pressure washer	14	2	80%	8							
SD			x	x	x	x	x	Surge Basin Reception Shaft	Ala	Whole site	Inspection / security check	Daily	All	1 hr	2	6																				
SD			x	x	x	x	x	Surge Basin Reception Shaft	Ala	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	6	2	1	6					Mower	26	2	80%	8							
SD			x	x	x	x	x	Surge Basin Reception Shaft	Ala	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	6	2	1	6					Pressure washer	14	2	80%	8							
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Whole site	Inspection / security check	Daily	All	2 hrs	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	14	2	1	14					Mower	26	5	80%	8							
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	14	2	1	14					Pressure washer	14	2	80%	8							
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Irrigation system	General maintenance	Bi-annually	Apr/Oct	8 hrs	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Fence and gates	Test operability	Annually	Any	16 hrs	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Instrumentation	Calibration	Annually	Any	80 hrs	3	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Instrumentation	Control system check and maintenance	Annually	Any	40 hrs	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Electrical substation	Test operability	Bi-weekly	All	4 hrs	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Electrical substation	Detailed inspection and deep clean	Annually	Apr-Oct	1 day	2	104																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Electrical switchgear (Electrical Building)	Inspection and testing	Annually	Apr-Oct	1 day	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Medium Voltage Transformers (Electrical Building)	Inspection	Monthly	All	1 day	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	DX Air Handler (Electrical Building)	General maintenance	Quarterly	All	5 days	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	DX Air Handler (Electrical Building)	Inspection and testing	Annually	Oct-Mar	15 days	2	104																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Main Pump Motor (Pumping Plant Building)	Inspection	Annually	Any	5 days	2	14																				
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Flow meters (Pumping Plant Building)	Calibrate instrumentation	Annually	Any	5 days	2	14																				

											Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Vacuum generator system (Pumping Plant Building)	General maintenance	Bi-annually	Any	1 day	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Bridge Crane (Pumping Plant Building)	General maintenance	Annually	Apr-Sept	16 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Bridge Crane (Pumping Plant Building)	Inspection and testing	Annually	Apr-Sept	1 day	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Ventilation Equipment (Pumping Plant Building)	General maintenance	Bi-annually	Oct-Mar	8 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Siphon/Air Release Valves (Pumping Plant)	Inspection	Monthly	All	1 day	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Discharge Basin in Forebay (Pumping Plant Building)	Surface repair	Annually	Jul-Aug	16 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Discharge Basin in Forebay (Pumping Plant Building)	Debris removal	Bi-annually	Apr/Oct	1 day	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	HVAC Equipment (Pumping Plant Building)	General maintenance	Bi-annually	May/Nov	24 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Slide Gate Panels (Wet Well)	Test operability	Annually	Any	30 hrs	2	14								Boom truck	300	3	50%	5							
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Slide Gate Panels (Wet Well)	Test operability	Annually	Any	30 hrs	1	14								Flat bed truck	380	3	20%	2	10						
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Electric generator (Generator Building)	General maintenance and testing	Monthly	All	8 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Ventilation Equipment (Generator Building)	General maintenance	Quarterly	All	4 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	HVAC Equipment (Mechanical Storage Building)	General maintenance	Quarterly	All	8 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Bridge Cranes (Mechanical Storage Building)	Inspection and testing	Annually	Apr-Sept	1 day	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Bridge Cranes (Mechanical Storage Building)	Maintenance and testing	Annually	Apr-Sept	16 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Misc Cranes and Hoists (Mechanical Storage Building)	Maintenance and testing	Annually	Apr-Sept	8 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	HVAC Equipment (Mechanical Storage Building)	Maintenance	Quarterly	All	8 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Surge Tanks	Inspection	Weekly	All	2 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Check valves	Inspection and maintenance	Monthly	All	1 day	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Shops and offices	Janitorial service	Weekly	All	4 hrs	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Buildings	General maintenance	Annually	Any	2 days	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Maintenance Building Crane	General maintenance	Annually	Apr-Sept	2 days	2	14																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Maintenance building crane	Inspection and testing	Annually	Apr-Sept	1 day	2	104																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Whole site	Inspection / security check	Daily	All	2 hrs	2	14																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	14	2	1	14					Mower	26	5	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	14	2	1	14					Pressure washer	14	5	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Observation well measurements	Weekly	All	4 hrs	2	14																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments/Spillway	Survey	Annually	May-Oct	5 days	2	104																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Inspection	Weekly	All	1 day	2	14																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Detailed inspections	Annually	Any	2 days	3	14																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Animal burrow filling	Quarterly	All	2 days	2	14	2	1	14					Rammer compactor	5.5	2	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Weed management/herbicide application	Quarterly	All	3 days	2	14																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments/Spillway	Toe drain cleanout	Bi-annually	Apr/Oct	2 days	2	14	2	1	14					Pressure washer	14	2	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Embankment repair	Annually	Apr-May	10 days	4	14				Low loader	2	1	14	Excavator	273	10	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Embankment repair	Annually	Apr-May	10 days	4	14				Low loader	2	1	14	Bulldozer (large)	217	10	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Embankment repair	Annually	Apr-May	10 days	4	14				Low loader	2	1	14	Compactor	131	10	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Crest and toe access road maintenance	Annually	Apr-May	10 days	4	14				Low loader	2	1	14	Motor grader	139	10	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Embankments	Crest and toe access road maintenance	Annually	Apr-May	10 days	4	14				Low loader	2	1	14	Compactor	131	10	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Small debris removal	Bi-annually	Apr/Oct	3 days	2	14	2	1	14					Boat	150	3	50%	5						
GB	x	x		x	x	x	x	Southern Forebay	CC	Spillway	Debris/sediment removal	Bi-annually	Apr/Oct	2 days	3	14																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Spillway Underdrains	Jet wash / clean	Annually	Apr-Oct	2 days	2	104	2	1	104					Pressure washer	14	2	80%	8						
GB	x	x		x	x	x	x	Southern Forebay	CC	Emergency Outlet	Test operability	Monthly	All	2 hrs	2	14																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Emergency Outlet Standby Generators	Test operability	Monthly	All	1 hr	2	104																	1	50	4	1	12
GB	x	x		x	x	x	x	Southern Forebay	CC	Any	Unforeseen maintenance	Annually	Any	10 days	4	14																			
GB	x	x		x	x	x	x	Southern Forebay Outlet Structure	CC	Trash racks	Cleaning	Monthly	All	1 day	2	14				Low loader	1	1	14	Backhoe	68	1	80%	8						
GB	x	x		x	x	x	x	Southern Forebay Outlet Structure	CC	Gantry Crane	Inspection and testing	Annually	Apr-Sept	1 day	2	104																			
GB	x	x		x	x	x	x	Southern Forebay Outlet Structure	CC	Electrical system	Inspection and maintenance	Weekly	All	4 hrs	2	14																			
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Test operability	Annually	Any	1 day	2	10				Boom truck	1	1	10	Boom truck	300	1	50%	5						

											Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Test operability	Annually	Any	1 day	1	10				Flat bed truck	1	1	10	Flat bed truck	380	1	20%	2	10							
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Test operability	Annually	Any	1 day	1	10				Low loader	1	1	10	Forklift	74	1	10%	1								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Roller gates	Lubrication	Annually	Any	1 day	2	10																				
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Structure	Cleaning	Annually	Any	1 day	2	10				Low loader	1	1	10	Backhoe	68	1	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Whole site	Inspection / security check	Daily	All	1 hr	2	10																				
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	10	2	1	10					Mower	26	2	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	10	2	1	10					Pressure washer	14	2	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Instrumentation	Test operability / calibration	Annually	Any	1 day	2	10																				
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Generator	Test operability and inspection	Monthly	All	1 hr	2	108																		1	50	4	1	12
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Electrical system	Inspection and maintenance	Weekly	All	4 hrs	2	10																				
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Control system	Test operability / maintenance	Annually	Any	1 day	2	10																				
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	2	10				Boom truck	1	1	10	Boom truck	300	1	50%	5								
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	1	10				Flat bed truck	1	1	10	Flat bed truck	380	1	20%	2	10							
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	1	10				Low loader	1	1	10	Forklift	74	1	10%	1								
O&M	x	x					x	Jones Control Structure	Ala	Roller gates	Lubrication	Annually	Any	1 day	2	10																				
O&M	x	x					x	Jones Control Structure	Ala	Structure	Cleaning	Annually	Any	1 day	2	10				Low loader	1	1	10	Backhoe	68	1	50%	5								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	2	10				Boom truck	1	1	10	Boom truck	300	1	50%	5								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	1	10				Flat bed truck	1	1	10	Flat bed truck	380	1	20%	2	10							
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	1	10				Low loader	1	1	10	Forklift	74	1	10%	1								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Lubrication	Annually	Any	1 day	2	10																				
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Structure	Cleaning	Annually	Any	1 day	2	10				Low loader	1	1	10	Backhoe	68	1	50%	5								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	2	8				Boom truck	1	1	12	Boom truck	300	1	50%	5								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	1	8				Flat bed truck	1	1	12	Flat bed truck	380	1	20%	2	10							
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Test operability	Annually	Any	1 day	1	8				Low loader	1	1	12	Forklift	74	1	10%	1								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Roller gates	Lubrication	Annually	Any	1 day	2	8																				
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Structure	Insert / remove stoplogs	Annually	Oct-Nov	1 day	3	8				Boom truck	1	1	12	Boom truck	300	1	50%	5								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Structure	Dewatering	Annually	Oct-Nov	2.5 days	3	8				Low loader	2	1	8	Dewatering pumps (x2)	16	2.5	80%	8								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Structure	Cleaning	Annually	Oct-Nov	2.5 days	3	8				Low loader	2	1	8	Backhoe	68	2.5	50%	5								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Whole site	Inspection / security check	Daily	All	1 hr	2	8																				
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	8	2	1	8					Mower	26	2	80%	8								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Whole site	Ground maintenance	Bi-annually	Apr/Oct	2 days	1	8	2	1	8					Pressure washer	14	2	80%	8								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Instrumentation	Test operability / calibration	Annually	Any	1 day	2	8																				
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Generator	Test operability and inspection	Monthly	All	1 hr	2	58																1	50	4	1	12
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Electrical system	Inspection and maintenance	Weekly	All	4 hrs	2	8																				
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Control system	Test operability / maintenance	Annually	Any	1 day	2	8																				
RF	x	x					x	Jones Outlet Structure	Ala	Structure	Insert / remove stoplogs	Annually	Oct-Nov	1 day	3	8				Boom truck	1	1	12	Boom truck	300	1	50%	5								
RF	x	x					x	Jones Outlet Structure	Ala	Structure	Dewatering	Annually	Oct-Nov	2.5 days	3	8				Low loader	2	1	8	Dewatering pumps (x2)	16	2.5	80%	8								
RF	x	x					x	Jones Outlet Structure	Ala	Structure	Cleaning	Annually	Oct-Nov	2.5 days	3	8				Low loader	2	1	8	Backhoe	68	2.5	50%	5								
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Any	Unforeseen maintenance	Annually	Any	10 days	4	6																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Concrete walls/floor	Pressure wash	Annually	Jul-Aug	5 days	3	6	2	1	6					Pressure washer	14	5	80%	8								
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Concrete walls/floor	Pressure wash	Annually	Jul-Aug	5 days	3	6				Low loader	2	1	6	Articulating boom lift	67	5	80%	8								
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Surge Basin	Debris removal	Bi-annually	Apr/Oct	2 days	2	6																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Surge Basin	Weed management/herbicide application	Quarterly	All	1 day	2	6																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Surge Basin	Inspection	Weekly	All	2 hrs	2	6																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Surge Basin	Detailed inspections	Annually	Jul-Aug	1 day	2	6																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Surge Basin Walls	Movement monitoring survey	Quarterly	All	1 day	2	98																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Sluice Gates	Test operability	Monthly	All	4 hrs	2	6																				

												Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Sluice Gates	Lubrication	Quarterly	All	1 day	2	6																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Sluice Gate Standby Generators	Test operability	Monthly	All	1 hr	2	98																	1	50	4	1	12
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Gantry Crane	Inspection and testing	Annually	Apr-Sept	1 day	2	98																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Dewatering Pumps	Test operability	Monthly	All	4 hrs	2	6																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Dewatering Pumps Standby Generators	Test operability	Monthly	All	1 hr	2	98																	1	50	4	1	12
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Whole site	Inspection / security check	Daily	All	2 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Whole site	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	6	2	1	6					Mower	26	5	80%	8							
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Whole site	Ground maintenance	Bi-annually	Apr/Oct	5 days	1	6	2	1	6					Pressure washer	14	5	80%	8							
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Irrigation system	General maintenance	Bi-annually	Apr/Oct	8 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Fence and gates	Test operability	Annually	Any	16 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Instrumentation	Calibration	Annually	Any	80 hrs	3	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Instrumentation	Control system check and maintenance	Annually	Any	40 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Electrical substation	Test operability	Bi-weekly	All	4 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Electrical substation	Detailed inspection and deep clean	Annually	Any	1 day	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Electrical switchgear (Electrical Building)	Inspection and testing	Annually	Any	2 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Medium Voltage Transformers (Electrical Building)	Inspection	Monthly	All	2 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	DX Air Handler (Electrical Building)	General maintenance	Quarterly	All	5 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	DX Air Handler (Electrical Building)	Inspection and testing	Annually	Oct-Mar	15 days	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Cooling Tower	General maintenance	Monthly	All	16 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Cooling Tower	Annual maintenance	Annually	Oct-Mar	80 hrs	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Main Pumps (Pumping Plant Building)	Inspection	Monthly	All	7 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Main Pumps (Pumping Plant Building)	General maintenance	Monthly	All	14 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Main Pump Motor (Pumping Plant Building)	Inspection	Annually	Any	7 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Flow meters (Pumping Plant Building)	Calibrate instrumentation	Annually	Any	7 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Gantry Crane (Pumping Plant Building)	General maintenance	Annually	Apr-Sept	32 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Gantry Crane (Pumping Plant Building)	Inspection and testing	Annually	Apr-Sept	1 day	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	HVAC Equipment (Pumping Plant Building)	General maintenance	Bi-annually	May/Nov	24 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Slide Gate Panels (Wet Well)	Test operability	Annually	Apr-Oct	2 days	2	6									Boom truck	300	2	80%	8							
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Slide Gate Panels (Wet Well)	Test operability	Annually	Apr-Oct	2 days	2	6									Flat bed truck	380	2	50%	5	25						
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Electric generator (Generator Building)	General maintenance and testing	Monthly	All	8 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Ventilation Equipment (Generator Building)	General maintenance	Quarterly	All	4 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	HVAC Equipment (Mechanical Storage Building)	General maintenance	Quarterly	All	8 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Bridge Cranes (Mechanical Storage Building)	Inspection and testing	Annually	Apr-Sept	1 day	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Bridge Cranes (Mechanical Storage Building)	General maintenance	Annually	Apr-Sept	16 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Misc Cranes and Hoists (Mechanical Storage Building)	Maintenance and testing	Annually	Apr-Sept	8 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	HVAC Equipment (Mechanical Storage Building)	Maintenance	Quarterly	All	8 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Surge Tanks	Inspection	Weekly	All	2 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Check valves	Inspection and maintenance	Monthly	All	1 day	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Shops and offices	Janitorial service	Weekly	All	4 hrs	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Buildings	General maintenance	Annually	Any	2 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Maintenance Building Crane	General maintenance	Annually	Any	2 days	2	6																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Maintenance building crane	Inspection and testing	Annually	Any	1 day	2	98																				
RF			x	x	x	x	x	Bethany Reservoir Aqueduct	Ala	Whole site	Inspection / security check	Daily	All	1 day	2	6																				
RF			x	x	x	x	x	Bethany Reservoir Aqueduct	Ala	Site roads	General maintenance	Annually	Apr-May	5 days	1	6				Low loader	2	1	6	Motor grader	139	5	80%	8							
RF			x	x	x	x	x	Bethany Reservoir Aqueduct	Ala	Site roads	General maintenance	Annually	Apr-May	5 days	1	6				Low loader	2	1	6	Gradall	215	5	80%	8							
RF			x	x				Bethany Reservoir Aqueduct	Ala	Cathodic protection	Regular monitoring	Bi-annually	Apr/Oct	2 days	2	6																				
RF			x	x				Bethany Reservoir Aqueduct	Ala	Blowoff valve	Test operability	Annually	May-Oct	40 hrs	2	6																				
RF			x	x				Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	48 hrs	2	6				Boom truck	5	1	5	Boom truck	300	4.8	50%	5							
RF			x	x				Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	48 hrs	1	6				Flat bed truck	5	1	5	Flat bed truck	380	4.8	25%	2.5	13						
RF			x		x			Bethany Reservoir Aqueduct	Ala	Cathodic protection	Regular monitoring	Bi-annually	Apr/Oct	3 days	2	6																				
RF			x		x			Bethany Reservoir Aqueduct	Ala	Blowoff valve	Test operability	Annually	May-Oct	60 hrs	2	6																				

Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment						Excavation (cy/day)	Generators				
											Activity	Frequency	Season	Duration	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horsepower	Activity Days	Utilization	Operating Hours per Day	Miles/day (assumed 5mph average)		No. of Generators	Horsepower	Engine Tier	Daily Hours/Generator	Annual Hours/Generator
RF			x		x			Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	72 hrs	2	6				Boom truck	8	1	5	Boom truck	300	7.2	50%	5							
RF			x		x			Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	72 hrs	1	6				Flat bed truck	8	1	5	Flat bed truck	380	7.2	25%	2.5	13						
RF			x			x		Bethany Reservoir Aqueduct	Ala	Cathodic protection	Regular monitoring	Bi-annually	Apr/Oct	4 days	2	6																		
RF			x			x		Bethany Reservoir Aqueduct	Ala	Blowoff valve	Test operability	Annually	May-Oct	80 hrs	2	6																		
RF			x			x		Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	96 hrs	2	6				Boom truck	10	1	5	Boom truck	300	9.6	50%	5							
RF			x			x		Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	96 hrs	1	6				Flat bed truck	10	1	5	Flat bed truck	380	9.6	25%	2.5	13						
RF			x				x	Bethany Reservoir Aqueduct	Ala	Cathodic protection	Regular monitoring	Bi-annually	Apr/Oct	5 days	2	6																		
RF			x				x	Bethany Reservoir Aqueduct	Ala	Blowoff valve	Test operability	Annually	May-Oct	84 hrs	2	6																		
RF			x				x	Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	100 hrs	2	6				Boom truck	10	1	5	Boom truck	300	10	50%	5							
RF			x				x	Bethany Reservoir Aqueduct	Ala	Air release valves	Replacement	Annually	May-Oct	100 hrs	1	6				Flat bed truck	10	1	5	Flat bed truck	380	10	25%	2.5	13						
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Test operability	Annually	Any	2 days	2	14				Boom truck	2	1	10	Boom truck	300	2	50%	5							
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Test operability	Annually	Any	2 days	1	14				Flat bed truck	2	1	10	Flat bed truck	380	2	20%	2	10						
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Test operability	Annually	Any	2 days	1	14				Low loader	2	1	10	Forklift	74	2	10%	1							
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Lubrication	Annually	Any	2 days	2	14																			
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Structure	Insert / remove stoplogs	Annually	Jul-Aug	2 days	3	14				Boom truck	2	1	10	Boom truck	300	2	50%	5							
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Structure	Dewatering	Annually	Jul-Aug	5 days	3	14				Low loader	2	1	14	Dewatering pumps (x2)	121	5	80%	8							
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Structure	Cleaning	Annually	Jul-Aug	5 days	3	14				Low loader	2	1	14	Backhoe	68	5	50%	5							
RF			x	x	x	x	x	Bethany Reservoir Discharge Structure	Ala	Generator	Test operability and inspection	Monthly	All	1 hr	2	98																1	50	4	1	12
RF			x				x	Jones Outlet Structure	Ala	Whole site	Inspection / security check	Daily	All	2 hrs	2	6																		
RF			x				x	Jones Outlet Structure	Ala	Whole site	Sediment removal - Excavate sediment	Annually	Oct-Nov	3 days	2	6				Low loader	2	1	6	Boom truck	300	3	50%	5							
RF			x				x	Jones Outlet Structure	Ala	Whole site	Sediment removal - Haul sediment to landfill	Annually	Oct-Nov	2 days	2	6				Haul truck	2	1	44												
DWR	x	x	x	x	x	x	x	Sacramento Control Centre	Sac	Whole system	Operations oversight	Daily	All	1 day	3	10																			
DWR	x	x	x	x	x	x	x	Delta Field Division Control Centre	Ala	Whole system	Operations oversight	Daily	All	1 day	3	30																			
	x	x	x	x	x	x	x																												
	x	x	x	x	x	x	x	Long Term																											
	x	x	x	x	x	x	x																												
PR	x	x	x				x	Intake 2	Sac	Site roads	Sealing and coating	Every 2 years	Apr-Oct	40 hrs	4	46																			
PR	x	x	x				x	Intake 2	Sac	Site roads	Striping	Every 2 years	Apr-Oct	16 hrs	2	46																			
PR	x	x	x				x	Intake 2	Sac	Domestic WW/Septic System/Leachfield	Clearing/cleaning	Every 5 years	Apr-Oct	8 hrs	2	46																			
PR	x	x	x				x	Intake 2	Sac	Electrical substation	Specialist testing	Every 4 years	Apr-Oct	1 day	2	46																			
PR	x	x	x				x	Intake 2	Sac	Gantry Crane	Recertification	Every 4 years	Apr-Oct	2 days	4	46																			
PR	x	x	x				x	Intake 2	Sac	Radial gates	Hoist cable rebalancing	Every 2 years	Apr-Oct	1 day	2	46				Boom truck	1	1	4	Boom truck	300	1	50%	5							
PR	x	x	x				x	Intake 2	Sac	Radial gates	Hoist cable and motor replacement	Every 15 years	Apr-Oct	2 days	2	46				Boom truck	2	0.5	4	Boom truck	300	2	50%	5							
PR	x	x	x				x	Intake 2	Sac	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	42 days	2	46				Boom truck	2	1	46	Boom truck	300	2	80%	8							
PR	x	x	x				x	Intake 2	Sac	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	42 days	1	46				Flat bed truck	2	1	46	Flat bed truck	380	2	80%	8	40						
PR	x	x	x				x	Intake 2	Sac	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	42 days	1	46				Low loader	2	1	46	Forklift	74	2	80%	8							
PR	x	x	x				x	Intake 2	Sac	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	42 days	3	46				Truck mounted crane	2	1	46	Truck mounted crane	175	2	80%	8							
ME	x	x	x				x	Intake 2	Sac	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	2.5 days	3	46				Low loader	2	1	46	Planer	801	2.5	100%	10							
ME	x	x	x				x	Intake 2	Sac	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	2.5 days	1	46				Haul truck	2.5	102	50												
ME	x	x	x				x	Intake 2	Sac	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	2.5 days	1	46				Asphalt delivery truck	2.5	102	46												
ME	x	x	x				x	Intake 2	Sac	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	2.5 days	3	46				Low loader	2	1	46	Paver	225	2.5	100%	10							
ME	x	x	x				x	Intake 2	Sac	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	2.5 days	2	46				Low loader	2	1	46	Compactor	131	2.5	100%	10							
PR	x	x	x		x	x	x	Intake 3	Sac	Site roads	Sealing and coating	Every 2 years	Apr-Oct	40 hrs	4	50																			
PR	x	x	x		x	x	x	Intake 3	Sac	Site roads	Striping	Every 2 years	Apr-Oct	16 hrs	2	50																			
PR	x	x	x		x	x	x	Intake 3	Sac	Domestic WW/Septic System/Leachfield	Clearing/cleaning	Every 5 years	Apr-Oct	8 hrs	2	50																			
PR	x	x	x		x	x	x	Intake 3	Sac	Electrical substation	Specialist testing	Every 4 years	Apr-Oct	1 day	2	50																			
PR	x	x	x		x	x	x	Intake 3	Sac	Gantry Crane	Recertification	Every 4 years	Apr-Oct	2 days	4	50																			
PR	x	x	x		x	x	x	Intake 3	Sac	Radial gates	Hoist cable rebalancing	Every 2 years	Apr-Oct	2 days	2	50								Boom truck	300	2	50%	5							
PR	x	x	x		x	x	x	Intake 3	Sac	Radial gates	Hoist cable and motor replacement	Every 15 years	Apr-Oct	4 days	2	50								Boom truck	300	4	50%	5							

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													Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Inspection	Every 2 years	Apr-Oct	40 days	2	56				Truck mounted crane	2	0.5	56	Truck mounted crane	175	40	25%	2.5								
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Dewatering and inspection - install stop logs	Every 10 years	Jul-Sept	1 day	2	56				Flat bed truck	1	1	56	Flat bed truck	380	1	20%	2	10								
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Dewatering and inspection - install stop logs	Every 10 years	Jul-Sept	1 day	2	56				Boom truck	1	1	56	Boom truck	300	1	50%	5								
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Dewatering and inspection - install drain pumps and drain	Every 10 years	Jul-Sept	3 days	2	56				Flat bed truck	2	0.5	56	Flat bed truck	380	3	20%	2	10								
SD	x			x				Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	20 days	2	56				Truck mounted crane	20	0.5	56	Truck mounted crane	175	20	50%	5								
SD	x			x				Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	20 days	2	56				Flat bed truck	20	0.5	56	Flat bed truck	380	20	20%	2	10								
SD	x				x	x		Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	22 days	2	56				Truck mounted crane	22	0.5	56	Truck mounted crane	175	22	50%	5								
SD	x				x	x		Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	22 days	2	56				Flat bed truck	22	0.5	56	Flat bed truck	380	22	20%	2	10								
SD	x						x	Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	24 days	2	56				Truck mounted crane	24	0.5	56	Truck mounted crane	175	24	50%	5								
SD	x						x	Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	24 days	2	56				Flat bed truck	24	0.5	56	Flat bed truck	380	24	20%	2	10								
SD		x		x				Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	22 days	2	56				Truck mounted crane	22	0.5	56	Truck mounted crane	175	22	50%	5								
SD		x		x				Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	22 days	2	56				Flat bed truck	22	0.5	56	Flat bed truck	380	22	20%	2	10								
SD		x			x	x		Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	24 days	2	56				Truck mounted crane	24	0.5	56	Truck mounted crane	175	24	50%	5								
SD		x			x	x		Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	24 days	2	56				Flat bed truck	24	0.5	56	Flat bed truck	380	24	20%	2	10								
SD		x					x	Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	26 days	2	56				Truck mounted crane	26	0.5	56	Truck mounted crane	175	26	50%	5								
SD		x					x	Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	26 days	2	56				Flat bed truck	26	0.5	56	Flat bed truck	380	26	20%	2	10								
SD			x	x				Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	18 days	2	56				Truck mounted crane	18	0.5	56	Truck mounted crane	175	18	50%	5								
SD			x	x				Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	18 days	2	56				Flat bed truck	28	0.5	56	Flat bed truck	380	18	20%	2	10								
SD			x		x	x		Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	20 days	2	56				Truck mounted crane	20	0.5	56	Truck mounted crane	175	20	50%	5								
SD			x		x	x		Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	20 days	2	56				Flat bed truck	20	0.5	56	Flat bed truck	380	20	20%	2	10								
SD			x				x	Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	22 days	2	56				Truck mounted crane	22	0.5	56	Truck mounted crane	175	22	50%	5								
SD			x				x	Tunnels	All	Structure	Dewatering and inspection - lower and install equipment	Every 10 years	Jul-Sept	22 days	2	56				Flat bed truck	22	0.5	56	Flat bed truck	380	22	20%	2	10								
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Dewatering and inspection - inspection	Every 10 years	Jul-Sept	40 days	2	56																				
SD	x			x				Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	20 days	2	56				Truck mounted crane	20	0.5	56	Truck mounted crane	175	20	50%	5								
SD	x			x				Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	20 days	2	56				Flat bed truck	20	0.5	56	Flat bed truck	380	20	20%	2	10								
SD	x				x	x		Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	22 days	2	56				Truck mounted crane	22	0.5	56	Truck mounted crane	175	22	50%	5								
SD	x				x	x		Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	22 days	2	56				Flat bed truck	22	0.5	56	Flat bed truck	380	22	20%	2	10								
SD	x						x	Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	24 days	2	56				Truck mounted crane	24	0.5	56	Truck mounted crane	175	24	50%	5								
SD	x						x	Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	24 days	2	56				Flat bed truck	24	0.5	56	Flat bed truck	380	24	20%	2	10								
SD		x		x				Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	22 days	2	56				Truck mounted crane	22	0.5	56	Truck mounted crane	175	22	50%	5								
SD		x		x				Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	22 days	2	56				Flat bed truck	22	0.5	56	Flat bed truck	380	22	20%	2	10								
SD		x			x	x		Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	24 days	2	56				Truck mounted crane	24	0.5	56	Truck mounted crane	175	24	50%	5								
SD		x			x	x		Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	24 days	2	56				Flat bed truck	24	0.5	56	Flat bed truck	380	24	20%	2	10								
SD		x					x	Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	26 days	2	56				Truck mounted crane	26	0.5	56	Truck mounted crane	175	26	50%	5								

Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment						Excavation (cy/day)	Generators					
											Activity	Frequency	Season	Duration	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horsepower	Activity Days	Utilization	Operating Hours per Day	Miles/day (assumed 5mph average)		No. of Generators	Horsepower	Engine Tier	Daily Hours/Generator	Annual Hours/Generator
SD		x					x	Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	26 days	2	56				Flat bed truck	26	0.5	56	Flat bed truck	380	26	20%	2	10							
SD			x	x				Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	18 days	2	56				Truck mounted crane	18	0.5	56	Truck mounted crane	175	18	50%	5							
SD			x	x				Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	18 days	2	56				Flat bed truck	18	0.5	56	Flat bed truck	380	18	20%	2	10							
SD			x		x	x		Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	20 days	2	56				Truck mounted crane	20	0.5	56	Truck mounted crane	175	20	50%	5							
SD			x		x	x		Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	20 days	2	56				Flat bed truck	20	0.5	56	Flat bed truck	380	20	20%	2	10							
SD			x				x	Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	22 days	2	56				Truck mounted crane	22	0.5	56	Truck mounted crane	175	22	50%	5							
SD			x				x	Tunnels	All	Structure	Dewatering and inspection - remove equipment	Every 10 years	Jul-Sept	22 days	2	56				Flat bed truck	22	1	56	Flat bed truck	380	22	20%	2	10							
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Dewatering and inspection - remove drain pumps	Every 10 years	Jul-Sept	3 days	2	56				Flat bed truck	2	1	56	Flat bed truck	380	3	20%	2	10							
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Dewatering and inspection - remove stop logs	Every 10 years	Jul-Sept	1 day	2	56				Flat bed truck	1	1	56	Flat bed truck	380	1	20%	2	10							
SD	x	x	x	x	x	x	x	Tunnels	All	Structure	Dewatering and inspection - remove stop logs	Every 10 years	Jul-Sept	1 day	2	56				Boom truck	1	1	56	Boom truck	300	1	50%	5								
SD	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	64				Low loader	2	1	64	Motor grader	139	5	80%	8								
SD	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	64				Low loader	2	1	64	Gradall	215	5	80%	8								
ME	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	1.5 days	3	64				Low loader	2	1	64	Planer	801	1.5	100%	10								
ME	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	1.5 days	1	64				Haul truck	1.5	10	60													
ME	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	1.5 days	1	64				Asphalt delivery truck	1.5	10	64													
ME	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	1.5 days	3	64				Low loader	2	1	64	Paver	225	1.5	100%	10								
ME	x	x	x	x	x	x	x	Twin Cities Launch Shaft	Sac	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	1.5 days	2	64				Low loader	2	1	64	Compactor	131	1.5	100%	10								
SD	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	76				Low loader	2	1	76	Motor grader	139	5	80%	8								
SD	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	76				Low loader	2	1	76	Gradall	215	5	80%	8								
ME	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	2 days	3	76				Low loader	2	1	76	Planer	801	2	100%	10								
ME	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	2 days	1	76				Haul truck	2	12	72													
ME	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	2 days	1	76				Asphalt delivery truck	2	12	76													
ME	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	2 days	3	76				Low loader	2	1	76	Paver	225	22	100%	10								
ME	x			x	x	x	x	New Hope Maintenance Shaft (Central)	SJ	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	2 days	2	76				Low loader	2	1	76	Compactor	131	2	100%	10								
SD		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	72				Low loader	2	1	72	Motor grader	139	5	80%	8								
SD		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	72				Low loader	2	1	72	Gradall	215	5	80%	8								
ME		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	2 days	3	72				Low loader	2	1	72	Planer	801	2	100%	10								
ME		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	2 days	1	72				Haul truck	2	13	68													
ME		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	2 days	1	72				Asphalt delivery truck	2	13	72													
ME		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	2 days	3	72				Low loader	2	1	72	Paver	225	2	100%	10								
ME		x	x	x	x	x	x	New Hope Maintenance Shaft (Eastern)	SJ	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	2 days	2	72				Low loader	2	1	72	Compactor	131	2	100%	10								
SD		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	78				Low loader	2	1	78	Motor grader	139	5	80%	8								
SD		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	78				Low loader	2	1	78	Gradall	215	5	80%	8								
ME		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	1.5 days	3	78				Low loader	2	1	78	Planer	801	1.5	100%	10								
ME		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	1.5 days	1	78				Haul truck	1.5	14	74													
ME		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	1.5 days	1	78				Asphalt delivery truck	1.5	14	78													
ME		x	x	x	x	x	x	Canal Ranch Maintenance Shaft	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	1.5 days	3	78				Low loader	2	1	78	Paver	225	1.5	100%	10								

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													Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
SD		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	26				Low loader	2	1	26	Gradall	215	5	80%	8								
ME		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	4.5 days	3	26				Low loader	2	1	26	Planer	801	4.5	100%	10								
ME		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	4.5 days	1	26				Haul truck	4.5	162	70													
ME		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	4.5 days	1	26				Asphalt delivery truck	4.5	162	26													
ME		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	4.5 days	3	26				Low loader	2	1	26	Paver	225	4.5	100%	10								
ME		x	x	x	x	x	x	Lower Roberts Island Launch and Reception Shaft	SJ	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	4.5 days	2	26				Low loader	2	1	26	Compactor	131	4.5	100%	10								
SD	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	42				Low loader	2	1	42	Motor grader	139	5	80%	8								
SD	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	42				Low loader	2	1	42	Gradall	215	5	80%	8								
ME	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	2.5 days	3	42				Low loader	2	1	42	Planer	801	2.5	100%	10								
ME	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	2.5 days	1	42				Haul truck	2.5	81	86													
ME	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	2.5 days	1	42				Asphalt delivery truck	2.5	81	42													
ME	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	2.5 days	3	42				Low loader	2	1	42	Paver	225	2.5	100%	10								
ME	x			x	x	x	x	Bacon Island Reception Shaft	SJ	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	2.5 days	2	42				Low loader	2	1	42	Compactor	131	2.5	100%	10								
SD		x	x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	28				Low loader	2	1	28	Motor grader	139	5	80%	8								
SD		x	x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	28				Low loader	2	1	28	Gradall	215	5	80%	8								
ME		x		x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	2 days	3	28				Low loader	2	1	28	Planer	801	2	100%	10								
ME		x		x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	2 days	1	28				Haul truck	2	61	74													
ME		x		x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	2 days	1	28				Asphalt delivery truck	2	61	28													
ME		x		x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	2 days	3	28				Low loader	2	1	28	Paver	225	2	100%	10								
ME		x		x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	2 days	2	28				Low loader	2	1	28	Compactor	131	2	100%	10								
ME			x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	1.5 days	3	28				Low loader	2	1	28	Planer	801	1.5	100%	10								
ME			x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	1.5 days	1	28				Haul truck	1.5	12	74													
ME			x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	1.5 days	1	28				Asphalt delivery truck	1.5	12	28													
ME			x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	1.5 days	3	28				Low loader	2	1	28	Paver	225	1.5	100%	10								
ME			x	x	x	x	x	Upper Jones Tract Maintenance Shaft	SJ	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	1.5 days	2	28				Low loader	2	1	28	Compactor	131	1.5	100%	10								
SD	x	x		x	x	x	x	Byron Tract Maintenance Shaft	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	40				Low loader	2	1	40	Motor grader	139	5	80%	8								
SD	x	x		x	x	x	x	Byron Tract Maintenance Shaft	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	40				Low loader	2	1	40	Gradall	215	5	80%	8								
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (North)	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	42				Low loader	2	1	42	Motor grader	139	5	80%	8								
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (North)	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	42				Low loader	2	1	42	Gradall	215	5	80%	8								
SD			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	46				Low loader	2	1	46	Motor grader	139	5	80%	8								
SD			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Site roads	General maintenance	Every 4 years	Apr-May	5 days	1	46				Low loader	2	1	46	Gradall	215	5	80%	8								
ME			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	1.5 days	3	46				Low loader	2	1	46	Planer	801	1.5	100%	10								
ME			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	1.5 days	1	46				Haul truck	1.5	13	50													
ME			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	1.5 days	1	46				Asphalt delivery truck	1.5	13	46													
ME			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	1.5 days	3	46				Low loader	2	1	46	Paver	225	1.5	100%	10								
ME			x	x	x	x	x	Union Island Maintenance Shaft	SJ	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	1.5 days	2	46				Low loader	2	1	46	Compactor	131	1.5	100%	10								
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (South)	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	104				Low loader	2	1	104	Motor grader	139	5	80%	8								
SD	x	x		x	x	x	x	Southern Forebay Launch Shaft (South)	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	104				Low loader	2	1	104	Gradall	215	5	80%	8								
SD	x	x		x	x	x	x	CA Aqueduct Reception Shaft	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	104				Low loader	2	1	104	Motor grader	139	5	80%	8								

													Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
SD	x	x		x	x	x	x	CA Aqueduct Reception Shaft	CC	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	104				Low loader	2	1	104	Gradall	215	5	80%	8								
SD			x	x	x	x	x	Surge Basin Reception Shaft	Ala	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	98				Low loader	2	1	98	Motor grader	139	5	80%	8								
SD			x	x	x	x	x	Surge Basin Reception Shaft	Ala	Site roads	General maintenance	Every 4 years	Apr-Oct	5 days	1	98				Low loader	2	1	98	Gradall	215	5	80%	8								
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Site roads	Sealing and coating	Every 2 years	Apr-Oct	40 hrs	4	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Site roads	Striping	Every 2 years	Apr-Oct	16 hrs	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Domestic WW/Septic System/Leachfield	Clearing/cleaning	Every 5 years	Apr-Oct	8 hrs	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Variable Frequency Drive (Electrical Building)	Inspection	Every 2 years	Any	5 days	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Variable Frequency Drive (Electrical Building)	Preventative component replacement	Every 5 years	Any	10 days	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Main Pumps (Pumping Plant Building)	Inspection	Every 5 years	Any	5 days	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Main Pump Motor (Pumping Plant Building)	General maintenance	Every 5 years	Any	10 days	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Wet Well	Sediment removal - Install Pumps	Every 5 years	Jul-Sept	1 day	2	104				Boom truck	1	1	104	Boom truck	300	1	50%	5								
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Wet Well	Sediment removal - Pump out water	Every 5 years	Jul-Sept	3 days	1	104				Low loader	2	1	104	Pumps	121	3	50%	5								
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Wet Well	Sediment removal - Excavate sediment	Every 5 years	Jul-Sept	3 days	5	104				Low loader	2	1	104	Boom truck	300	3	50%	5								
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Wet Well	Sediment removal - Haul sediment to landfill	Every 5 years	Jul-Sept	1 day	2	104				Haul truck (x2)	1	8	432													
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Wet Well	Sediment removal - Inspect wet well	Every 5 years	Jul-Sept	1 day	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Wet Well	Concrete repair	Every 5 years	Jul-Sept	5 days	3	104				Concrete truck	5	4	104												
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Electrical substation	Specialist testing	Every 4 years	Any	1 day	2	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Bridge Crane (Pumping Plant Building)	Recertification	Every 4 years	Apr-Oct	2 days	4	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Bridge Cranes (Mechanical Storage Building)	Recertification	Every 4 years	Apr-Oct	2 days	4	104																			
TN	x	x		x	x	x	x	South Delta Pumping Plant	CC	Maintenance Building Crane	Recertification	Every 4 years	Apr-Oct	2 days	4	104																			
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Bathymetric survey	Every 5 years	Apr-Oct	5 days	2	104	2	1	104					Boat	150	5	20%	2							
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Sediment removal - (drawdown, regrading)	Every 10 years	Jul-Sept	20 days	2	104				Low loader	2	1	104	Dredge	400	20	100%	10								
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Sediment removal - (drawdown, regrading)	Every 10 years	Jul-Sept	20 days	4	104				Low loader	2	2	104	Bulldozer (large) (x2)	217	20	80%	8								
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Sediment removal - (drawdown, regrading)	Every 10 years	Jul-Sept	20 days	4	104				Low loader	2	2	104	Motor grader (x2)	139	20	80%	8								
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Sediment removal - (drawdown, regrading)	Every 10 years	Jul-Sept	20 days	4	104				Low loader	2	2	104	Compactor (x2)	131	20	80%	8								
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Sediment removal - (drawdown, regrading)	Every 10 years	Jul-Sept	20 days	2	104				Low loader	2	1	104	Wheel loader (compact)	73	20	80%	8								
GB	x	x		x	x	x	x	Southern Forebay	CC	Reservoir	Sediment removal - (drawdown, regrading)	Every 10 years	Jul-Sept	20 days	2	104				Haul truck	2	1	104	Haul truck	276	20	80%	8								
GB	x	x		x	x	x	x	Southern Forebay	CC	Spillway	Surface repair	Every 2 years	Apr-Oct	5 days	4	104																			
ME	x	x		x	x	x	x	Southern Forebay	CC	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	5.5 days	3	104				Low loader	2	1	104	Planer	801	5.5	100%	10								
ME	x	x		x	x	x	x	Southern Forebay	CC	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	5.5 days	1	104				Haul truck	5.5	164	54													
ME	x	x		x	x	x	x	Southern Forebay	CC	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	5.5 days	1	104				Asphalt delivery truck	5.5	164	104													
ME	x	x		x	x	x	x	Southern Forebay	CC	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	5.5 days	3	104				Low loader	2	1	104	Paver	225	5.5	100%	10								
ME	x	x		x	x	x	x	Southern Forebay	CC	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	5.5 days	2	104				Low loader	2	1	104	Compactor	131	5.5	100%	10								
GB	x	x		x	x	x	x	Southern Forebay Outlet Structure	CC	Gantry Crane	Recertification	Every 4 years	Apr-Oct	2 days	4	104				Boom truck	2	1	104	Boom truck	300	2	20%	2								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Hoist cable rebalancing	Every 2 years	Apr-Oct	5 days	2	10				Boom truck	5	1	10	Boom truck	300	5	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Hoist cable and motor replacement	Every 15 years	Apr-Oct	10 days	2	10				Boom truck	10	1	10	Boom truck	300	10	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	210 days	2	108				Boom truck	10	1	108	Boom truck	300	10	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	210 days	1	108				Flat bed truck	10	1	108	Flat bed truck	380	10	80%	8	40							
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	210 days	1	108				Low loader	10	1	108	Forklift	74	10	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	210 days	3	108				Truck mounted crane	10	1	108	Truck mounted crane	175	10	80%	8								
O&M	x	x		x	x	x	x	South Delta Outlet and Control Structure	CC	Structure	Survey	Every 2 years	Apr-Oct	1 day	2	108																			

											Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment							Generators				
Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Activity	Frequency	Season	Dura-tion	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horse-power	Activity Days	Utilization	Operat-ing Hours per Day	Miles/ day (assumed 5mph average)	Excava-tion (cy/ day)	No. of Genera-tors	Horse-power	Engine Tier	Daily Hours/ Genera-tor	Annual Hours/ Generator
ME	x	x		x	x	x	x	Southern Connections	CC	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	2.5 days	3	108				Low loader	2	1	104	Planer	801	2.5	100%	10								
ME	x	x		x	x	x	x	Southern Connections	CC	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	2.5 days	1	108				Haul truck	2.5	77	54														
ME	x	x		x	x	x	x	Southern Connections	CC	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	2.5 days	1	108				Asphalt delivery truck	2.5	77	104														
ME	x	x		x	x	x	x	Southern Connections	CC	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	2.5 days	3	108				Low loader	2	1	104	Paver	225	2.5	100%	10								
ME	x	x		x	x	x	x	Southern Connections	CC	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	2.5 days	2	108				Low loader	2	1	104	Compactor	131	2.5	100%	10								
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Hoist cable rebalancing	Every 2 years	Apr-Oct	2 days	2	10				Boom truck	2	1	10	Boom truck	300	2	50%	5								
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Hoist cable and motor replacement	Every 15 years	Apr-Oct	4 days	2	10				Boom truck	4	1	10	Boom truck	300	4	50%	5								
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	2	108				Boom truck	4	1	108	Boom truck	300	4	80%	8								
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	1	108				Flat bed truck	4	1	108	Flat bed truck	380	4	80%	8	40							
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	1	108				Low loader	4	1	108	Forklift	74	4	80%	8								
O&M	x	x					x	Jones Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	3	108				Truck mounted crane	4	1	108	Truck mounted crane	175	4	80%	8								
O&M	x	x					x	Jones Control Structure	Ala	Structure	Survey	Every 2 years	Apr-Oct	1 day	2	108																		
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Hoist cable rebalancing	Every 2 years	Apr-Oct	3 days	2	10				Boom truck	3	1	10	Boom truck	300	3	50%	5								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Hoist cable and motor replacement	Every 15 years	Apr-Oct	6 days	2	10				Boom truck	6	1	10	Boom truck	300	6	50%	5								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	126 days	2	108				Boom truck	6	1	108	Boom truck	300	6	80%	8								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	126 days	1	108				Flat bed truck	6	1	108	Flat bed truck	380	6	80%	8	40							
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	126 days	1	108				Low loader	6	1	108	Forklift	74	6	80%	8								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	126 days	3	108				Truck mounted crane	6	1	108	Truck mounted crane	175	6	80%	8								
O&M	x	x		x	x	x	x	California Aqueduct Control Structure	Ala	Structure	Survey	Every 2 years	Apr-Oct	1 day	2	108																				
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Hoist cable rebalancing	Every 2 years	Apr-Oct	1.5 days	2	8				Boom truck	2	1	16	Boom truck	300	1.5	50%	5								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Hoist cable and motor replacement	Every 15 years	Apr-Oct	3 days	2	8				Boom truck	3	1	16	Boom truck	300	3	50%	5								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	63 days	2	58				Boom truck	3	1	58	Boom truck	300	3	80%	8								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	63 days	1	58				Flat bed truck	3	1	58	Flat bed truck	380	3	80%	8	40							
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	63 days	1	58				Low loader	3	1	58	Forklift	74	3	80%	8								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	63 days	3	58				Truck mounted crane	3	1	58	Truck mounted crane	175	3	80%	8								
RF	x	x	x				x	Delta Mendota Canal Control Structure	Ala	Structure	Survey	Every 2 years	Apr-Oct	1 day	2	58																		
ME	x	x					x	Delta Mendota Canal Connection	Ala	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	2.5 days	3	58				Low loader	2	1	58	Planer	801	2.5	100%	10								
ME	x	x					x	Delta Mendota Canal Connection	Ala	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	2.5 days	1	58				Haul truck	2.5	62	44														
ME	x	x					x	Delta Mendota Canal Connection	Ala	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	2.5 days	1	58				Asphalt delivery truck	2.5	62	58														
ME	x	x					x	Delta Mendota Canal Connection	Ala	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	2.5 days	3	58				Low loader	2	1	58	Paver	225	2.5	100%	10								
ME	x	x					x	Delta Mendota Canal Connection	Ala	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	2.5 days	2	58				Low loader	2	1	58	Compactor	131	2.5	100%	10								
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Concrete walls/floor	Surface repair	Every 2 years	Apr-Oct	10 days	4	98																				
GB			x	x	x	x	x	Bethany Reservoir Surge Basin	Ala	Gantry Crane	Recertification	Every 4 years	Apr-Oct	2 days	4	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Site roads	Sealing and coating	Every 2 years	Apr-Oct	40 hrs	4	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Site roads	Striping	Every 2 years	Apr-Oct	16 hrs	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Domestic WW/Septic System/Leachfield	Clearing/cleaning	Every 5 years	Apr-Oct	8 hrs	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Variable Frequency Drive (Electrical Building)	Inspection	Every 2 years	Any	7 days	2	98																				
TN			x	x	x	x	x	Bethany Reservoir Pumping Plant	Ala	Variable Frequency Drive (Electrical Building)	Preventative component replacement	Every 5 years	Any	14 days	2	98																				

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Source	Central	Eastern	Bethany	3,000	4,500	6,000	7,500	Site	County	Structure/Equipment	Occurrence				Employees		Light Duty Trucks			Heavy Duty Trucks				Other Equipment						Excavation (cy/day)	Generators					
											Activity	Frequency	Season	Duration	Number per Day	Round Trip Miles per Day	Activity Days	Round Trips per Day	Round Trip Miles	Type	Activity Days	Round Trips per Day	Round Trip Miles	Type	Horsepower	Activity Days	Utilization	Operating Hours per Day	Miles/day (assumed 5mph average)		No. of Generators	Horsepower	Engine Tier	Daily Hours/Generator	Annual Hours/Generator
RF			x			x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	2	98				Boom truck	4	1	98	Boom truck	300	4	80%	8							
RF			x			x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	1	98				Flat bed truck	4	1	98	Flat bed truck	380	4	80%	8	40						
RF			x			x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	1	98				Low loader	4	1	98	Forklift	74	4	80%	8							
RF			x			x	x	Bethany Reservoir Discharge Structure	Ala	Radial gates	Refurbishment, recoat and cathodic protection	Every 30 years	Apr-Oct	84 days	3	98				Truck mounted crane	4	1	98	Truck mounted crane	175	4	80%	8							
ME			x	x	x	x	x	Bethany Complex and Discharge	Ala	Site roads	Repaving - Plane surface	Every 15 years	Apr-Oct	4 days	3	98				Low loader	2	1	98	Planer	801	4	100%	10							
ME			x	x	x	x	x	Bethany Complex and Discharge	Ala	Site roads	Repaving - Haul away from site	Every 15 years	Apr-Oct	4 days	1	98				Haul truck	4	146	44												
ME			x	x	x	x	x	Bethany Complex and Discharge	Ala	Site roads	Repaving - Deliver asphalt	Every 15 years	Apr-Oct	4 days	1	98				Asphalt delivery truck	4	146	98												
ME			x	x	x	x	x	Bethany Complex and Discharge	Ala	Site roads	Repaving - Lay paving	Every 15 years	Apr-Oct	4 days	3	98				Low loader	2	1	98	Paver	225	4	100%	10							
ME			x	x	x	x	x	Bethany Complex and Discharge	Ala	Site roads	Repaving - Compact paving	Every 15 years	Apr-Oct	4 days	2	98				Low loader	2	1	98	Compactor	131	4	100%	10							

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Table 23B-27. Operation and Maintenance Assumptions—Paving

Location/Site	Central	Eastern	Bethany	3,000 cfs	4,500 cfs	6,000 cfs	7,500 cfs	Total Length (LF)	Total Length (SF)
Intake 2	✓	✓	✓				✓	10,565	253,560
Intake 3	✓	✓	✓		✓	✓	✓	12,714	305,136
Intake 5	✓	✓	✓		✓			10,565	253,560
Intake 5	✓	✓	✓	✓		✓	✓	12,887	309,288
Twin Cities	✓	✓	✓	✓	✓	✓	✓	626	15,024
New Hope (C)	✓			✓	✓	✓	✓	1,008	24,192
New Hope (BE)		✓	✓	✓	✓	✓	✓	1,015	24,360
Canal Ranch		✓	✓	✓	✓	✓	✓	879	21,096
Staten Island	✓			✓	✓	✓	✓	747	17,928
Bouldin Island	✓			✓	✓	✓	✓	11,489	275,736
Terminus		✓	✓	✓	✓	✓	✓	1,272	30,528
Mandeville Island	✓			✓	✓	✓	✓	40,414	969,936
Kings Island		✓	✓	✓	✓	✓	✓	1,049	25,176
Bacon Island (island only)	✓			✓	✓	✓	✓	8,420	202,080
Lower Roberts		✓	✓	✓	✓	✓	✓	30,178	724,272
Upper Jones (B)			✓	✓	✓	✓	✓	738	17,712
Upper Jones (E)		✓		✓	✓	✓	✓	5,045	121,080
Union Island			✓	✓	✓	✓	✓	783	18,792
Southern Forebay	✓	✓		✓	✓	✓	✓	37,409	897,816
Southern Connections	✓	✓		✓	✓	✓	✓	8,006	192,144
DMC connection (CE)	✓	✓					✓	6,355	152,520
Bethany Complex and Discharge			✓	✓	✓	✓	✓	24,159	579,816

Table 23B-28. Operation and Maintenance Assumptions—Pumping

		North Delta Energy (GWh per year)			South of Delta Energy (GWh per year)			Total (GWh per year)		
Scenario	Period	Total	CVP	SWP	Total	CVP	SWP	Total	CVP	SWP
Existing	2020	47	47	0	8,031	1,287	6,744	8,078	1,333	6,744
No Action	2040	46	46	0	7,210	988	6,223	7,257	1,034	6,223
Alternative 1	2020	47	47	0	9,123	1,323	7,800	9,169	1,369	7,800
Alternative 1	2040	46	46	0	8,409	1,005	7,404	8,456	1,051	7,404
Alternative 2a	2020	47	47	0	9,124	1,355	7,769	9,171	1,401	7,769
Alternative 2a	2040	47	47	0	8,429	1,031	7,398	8,476	1,078	7,398
Alternative 2b	2020	47	47	0	8,877	1,308	7,568	8,923	1,355	7,568
Alternative 2b	2040	46	46	0	8,088	996	7,093	8,134	1,042	7,093
Alternative 2c	2020	47	47	0	9,036	1,319	7,717	9,083	1,366	7,717
Alternative 2c	2040	46	46	0	8,272	988	7,284	8,318	1,034	7,284
Alternative 3	2020	47	47	0	9,126	1,323	7,803	9,172	1,369	7,803
Alternative 3	2040	46	46	0	8,418	1,005	7,413	8,464	1,051	7,413
Alternative 4a	2020	47	47	0	9,131	1,356	7,776	9,178	1,402	7,776
Alternative 4a	2040	47	47	0	8,433	1,032	7,401	8,480	1,079	7,401
Alterative 4b	2020	47	47	0	8,873	1,308	7,565	8,920	1,355	7,565
Alterative 4b	2040	46	46	0	8,097	996	7,101	8,143	1,042	7,101
Alternative 4c	2020	47	47	0	9,036	1,319	7,717	9,083	1,366	7,717
Alternative 4c	2040	46	46	0	8,280	988	7,293	8,327	1,034	7,293
Alternative 5	2020	47	47	0	9,312	1,323	7,989	9,359	1,370	7,989
Alternative 5	2040	46	46	0	8,623	1,005	7,619	8,670	1,051	7,619