Appendix 24B
Construction Sound Level Model Predictions

This appendix supports the analysis in Chapter 24, *Noise and Vibration,* by presenting the tables of modeled sound level predictions at sensitive receptors. The tables are placed in order by facility location. Existing daytime and nighttime sound level values are based on results of sound level monitoring at nearby locations, as described in Chapter 24. Modeled sound levels are shown for pile driving, heavy equipment use, and concrete pours, as applicable to each facility. The exceedances of sound levels associated with daytime and nighttime criteria are indicated for each receptor, and total counts of exceedances appear at the end of each table. Due to the length and complexity of this information, and in an effort to maintain the readability of Chapter 24, this information is presented in an appendix.

The results tables appear in the following order:

- Table 24B-1. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Intakes, 6,000 and 4,500 cfs Options
- Table 24B-2. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Intakes, 7,500 cfs Option
- Table 24B-3. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Intakes, 3,000 cfs Option
- Table 24B-4. Predicted Sound Levels for Heavy Equipment, Twin Cities Complex and Lambert Plant
- Table 24B-5. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Southern Complex and South Delta Facilities, 3,000, 4,500 and 6,000 cfs Options
- Table 24B-6. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Southern Complex and South Delta Facilities, 7,500 cfs Options
- Table 24B-7. Predicted Sound Levels for Heavy Equipment, Tunnel Shafts, Levee Improvements and RTM Stockpile, Central Alignment
- Table 24B-8. Predicted Sound Levels for Heavy Equipment, Tunnel Shafts, Levee Improvements and RTM Stockpile, Eastern Alignment
- Table 24B-9. Predicted Sound Levels for Heavy Equipment, Tunnel Shafts, Levee Improvements, RTM Stockpile, and Bethany Complex, Bethany Reservoir Alignment

Table 24B-1. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Intakes, 6,000 and 4,500 cfs Options

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR15580	38.40691	-121.51818	Residence	51	47	50	<45	No	No	No
SR15592	38.40406	-121.51703	Residence	51	47	52	<45	No	No	No
SR15596	38.40232	-121.53096	Residence	51	47	52	<45	No	No	No
SR15599	38.40228	-121.51605	Residence	51	47	53	<45	No	No	No
SR15600	38.4019	-121.51576	Residence	51	47	53	<45	No	No	No
SR15602	38.40128	-121.5156	Residence	51	47	54	<45	No	No	No
SR15604	38.40052	-121.51541	Residence	51	47	54	<45	No	No	No
SR15608	38.39776	-121.51513	Residence	51	47	56	<45	No	No	No
SR15609	38.39702	-121.51629	Residence	51	47	57	<45	No	No	No
SR15613	38.39621	-121.51502	Residence	51	47	58	<45	No	No	No
SR15616	38.39585	-121.51509	Residence	51	47	58	<45	No	No	No
SR15620	38.39575	-121.51528	Residence	51	47	58	<45	No	No	No
SR15622	38.3955	-121.51551	Residence	51	47	58	<45	No	No	No
SR15623	38.39573	-121.515	Residence	51	47	58	<45	No	No	No
SR15631	38.39269	-121.5159	Residence	51	47	61	47	Yes	No	No
SR15635	38.39683	-121.51095	Residence	51	47	53	<45	No	No	No
SR15637	38.39241	-121.51161	Residence	51	47	57	47	No	No	No
SR15640	38.39252	-121.50758	Residence	51	47	55	45	No	No	No
SR15642	38.39987	-121.51171	Residence	51	47	51	<45	No	No	No
SR17863	38.39001	-121.51126	Residence	51	47	59	49	No	No	No
SR17864	38.38709	-121.51301	Residence	51	47	63	53	Yes	No	Yes
SR17865	38.38667	-121.51305	Residence	51	47	64	54	Yes	No	Yes
SR17868	38.38543	-121.51395	Residence	51	47	70	59	Yes	No	Yes
SR17869	38.38521	-121.51366	Residence	51	47	70	59	Yes	No	Yes
SR17874	38.38567	-121.51324	Residence	51	47	69	56	Yes	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR17875	38.38566	-121.51344	Residence	51	47	69	58	Yes	No	Yes
SR17882	38.37434	-121.52545	Residence	51	47	62	54	Yes	No	Yes
SR17886	38.37372	-121.52476	Residence	51	47	61	53	Yes	No	Yes
SR17891	38.36822	-121.52293	Residence	51	47	57	50	No	No	No
SR17897	38.36739	-121.51884	Residence	51	47	58	54	No	No	Yes
SR17899	38.36759	-121.5152	Residence	51	47	60	56	Yes	No	Yes
SR17900	38.36749	-121.51465	Residence	51	47	60	56	Yes	No	Yes
SR17901	38.36753	-121.51408	Residence	51	47	60	56	Yes	No	Yes
SR17902	38.36741	-121.51346	Residence	51	47	60	57	Yes	No	Yes
SR17904	38.36714	-121.51285	Residence	51	47	60	58	Yes	No	Yes
SR17909	38.3671	-121.51199	Residence	51	47	62	61	Yes	Yes	Yes
SR17910	38.36659	-121.51273	Residence	51	47	60	58	Yes	No	Yes
SR17911	38.36634	-121.51141	Residence	51	47	63	62	Yes	Yes	Yes
SR17915	38.36702	-121.51119	Residence	51	47	65	65	Yes	Yes	Yes
SR17916	38.36699	-121.51087	Residence	51	47	68	67	Yes	Yes	Yes
SR17917	38.36669	-121.51082	Residence	51	47	67	67	Yes	Yes	Yes
SR17918	38.3662	-121.51093	Residence	51	47	66	65	Yes	Yes	Yes
SR17919	38.35797	-121.52864	Residence	51	47	63	53	Yes	No	Yes
SR17924	38.3589	-121.52698	Residence	51	47	61	52	Yes	No	Yes
SR17926	38.35792	-121.52434	Residence	51	47	64	56	Yes	No	Yes
SR17927	38.35912	-121.52113	Residence	51	47	61	53	Yes	No	Yes
SR17929	38.35986	-121.52016	Residence	51	47	58	51	No	No	No
SR17930	38.36045	-121.5195	Residence	51	47	57	51	No	No	No
SR17932	38.36054	-121.52014	Residence	51	47	58	52	No	No	Yes
SR17936	38.35425	-121.53658	Residence	51	47	70	55	Yes	No	Yes
SR17938	38.35357	-121.53517	Residence	51	47	72	57	Yes	No	Yes
SR17941	38.35345	-121.53333	Residence	51	47	73	58	Yes	No	Yes

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SR17955	38.34771	-121.54616	Residence	51	47	62	49	Yes	No	No
SR17956	38.34744	-121.54629	Residence	51	47	61	49	Yes	No	No
SR17966	38.35058	-121.53652	Residence	51	47	72	58	Yes	No	Yes
SR17970	38.33952	-121.54248	Residence	51	47	58	47	No	No	No
SR17977	38.3356	-121.53505	Residence	51	47	55	47	No	No	No
SR17978	38.33516	-121.53431	Residence	51	47	54	47	No	No	No
SR17981	38.33483	-121.53465	Residence	51	47	54	47	No	No	No
SR17987	38.33477	-121.53267	Residence	51	47	54	47	No	No	No
SR17989	38.32781	-121.52832	Residence	51	47	48	<45	No	No	No
SR17990	38.32754	-121.52835	Residence	51	47	48	<45	No	No	No
SR17992	38.32671	-121.5284	Residence	51	47	47	<45	No	No	No
SR18109	38.39011	-121.51212	Residence	51	47	60	49	Yes	No	No
SR18112	38.37369	-121.5211	Residence	51	47	66	61	Yes	Yes	Yes
SR18115	38.35538	-121.52659	Residence	51	47	68	60	Yes	Yes	Yes
SR18116	38.35561	-121.5262	Residence	51	47	68	59	Yes	No	Yes
SR18117	38.37901	-121.52594	Residence	51	47	68	55	Yes	No	Yes
SR18118	38.37941	-121.52555	Residence	51	47	71	56	Yes	No	Yes
SR18120	38.36841	-121.51887	Residence	51	47	59	54	No	No	Yes
SR18121	38.36903	-121.51919	Residence	51	47	61	55	Yes	No	Yes
SR18122	38.36922	-121.51925	Residence	51	47	60	56	Yes	No	Yes
SR18123	38.36932	-121.51932	Residence	51	47	60	56	Yes	No	Yes
SR18124	38.36939	-121.51933	Residence	51	47	60	56	Yes	No	Yes
SR18125	38.36931	-121.51878	Residence	51	47	61	56	Yes	No	Yes
SR18127	38.36868	-121.51895	Residence	51	47	60	55	Yes	No	Yes
SR18128	38.36866	-121.51918	Residence	51	47	60	55	Yes	No	Yes
SR18129	38.36884	-121.51927	Residence	51	47	60	55	Yes	No	Yes
SR18131	38.36857	-121.51843	Residence	51	47	60	55	Yes	No	Yes

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SR18132	38.36877	-121.51849	Residence	51	47	60	55	Yes	No	Yes
SR18133	38.3689	-121.51871	Residence	51	47	60	56	Yes	No	Yes
SR18134	38.36902	-121.51877	Residence	51	47	61	56	Yes	No	Yes
SR18135	38.36872	-121.51873	Residence	51	47	60	55	Yes	No	Yes
SR18136	38.36784	-121.51843	Residence	51	47	59	54	No	No	Yes
SR18137	38.36716	-121.51815	Residence	51	47	57	52	No	No	Yes
SR18138	38.36728	-121.51844	Residence	51	47	58	53	No	No	Yes
SR18142	38.36682	-121.51759	Residence	51	47	58	53	No	No	Yes
SR18143	38.36673	-121.51708	Residence	51	47	58	53	No	No	Yes
SR18144	38.36671	-121.51685	Residence	51	47	58	53	No	No	Yes
SR18145	38.36658	-121.51658	Residence	51	47	58	53	No	No	Yes
SR18146	38.36656	-121.51628	Residence	51	47	58	53	No	No	Yes
SR18147	38.36651	-121.51614	Residence	51	47	58	53	No	No	Yes
SR18148	38.36645	-121.51598	Residence	51	47	59	54	No	No	Yes
SR18149	38.3664	-121.51579	Residence	51	47	59	55	No	No	Yes
SR18151	38.367	-121.51691	Residence	51	47	58	53	No	No	Yes
SR18152	38.36703	-121.51711	Residence	51	47	58	53	No	No	Yes
SR18153	38.36708	-121.51729	Residence	51	47	58	53	No	No	Yes
SR18154	38.36712	-121.51747	Residence	51	47	58	53	No	No	Yes
SR18155	38.36716	-121.51773	Residence	51	47	58	53	No	No	Yes
SR18156	38.36729	-121.51773	Residence	51	47	59	53	No	No	Yes
SR18157	38.36762	-121.51767	Residence	51	47	59	54	No	No	Yes
SR18158	38.36763	-121.51735	Residence	51	47	59	54	No	No	Yes
SR18159	38.36757	-121.51702	Residence	51	47	59	54	No	No	Yes
SR18160	38.36725	-121.51723	Residence	51	47	58	53	No	No	Yes
SR18161	38.3672	-121.51703	Residence	51	47	58	53	No	No	Yes
SR18163	38.36895	-121.51735	Residence	51	47	60	56	Yes	No	Yes

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SR18164	38.36866	-121.51731	Residence	51	47	60	56	Yes	No	Yes
SR18165	38.36851	-121.51735	Residence	51	47	60	56	Yes	No	Yes
SR18166	38.36808	-121.51714	Residence	51	47	60	55	Yes	No	Yes
SR18167	38.36812	-121.5174	Residence	51	47	60	55	Yes	No	Yes
SR18168	38.36818	-121.51771	Residence	51	47	60	55	Yes	No	Yes
SR18169	38.36847	-121.51797	Residence	51	47	60	55	Yes	No	Yes
SR18170	38.36889	-121.51804	Residence	51	47	60	56	Yes	No	Yes
SR18172	38.368	-121.51676	Residence	51	47	60	55	Yes	No	Yes
SR18173	38.36798	-121.51659	Residence	51	47	60	55	Yes	No	Yes
SR18174	38.36787	-121.5164	Residence	51	47	60	55	Yes	No	Yes
SR18175	38.36778	-121.51593	Residence	51	47	60	55	Yes	No	Yes
SR18176	38.36814	-121.51607	Residence	51	47	60	55	Yes	No	Yes
SR18177	38.36838	-121.51608	Residence	51	47	60	56	Yes	No	Yes
SR18178	38.36856	-121.51613	Residence	51	47	60	56	Yes	No	Yes
SR18179	38.36874	-121.51618	Residence	51	47	60	56	Yes	No	Yes
SR18180	38.3689	-121.51688	Residence	51	47	60	56	Yes	No	Yes
SR18181	38.36869	-121.5168	Residence	51	47	60	56	Yes	No	Yes
SR18182	38.36858	-121.51686	Residence	51	47	60	56	Yes	No	Yes
SR18188	38.36842	-121.51553	Residence	51	47	60	56	Yes	No	Yes
SR18190	38.36743	-121.51662	Residence	51	47	59	54	No	No	Yes
SR18191	38.36681	-121.51627	Residence	51	47	59	53	No	No	Yes
SR18192	38.36681	-121.51601	Residence	51	47	59	54	No	No	Yes
SR18193	38.36711	-121.51643	Residence	51	47	59	54	No	No	Yes
SR18194	38.36695	-121.51575	Residence	51	47	59	55	No	No	Yes
SR18195	38.36726	-121.51653	Residence	51	47	59	54	No	No	Yes
SR18198	38.36038	-121.52492	Residence	51	47	59	50	No	No	No
SR18199	38.35963	-121.52635	Residence	51	47	60	51	Yes	No	No

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SR18200	38.32791	-121.49705	Residence	51	47	47	46	No	No	No
SR18223	38.37018	-121.51962	Residence	51	47	62	57	Yes	No	Yes
SR18224	38.37026	-121.51882	Residence	51	47	62	57	Yes	No	Yes
SR18225	38.37027	-121.51901	Residence	51	47	62	57	Yes	No	Yes
SR18226	38.37031	-121.51914	Residence	51	47	61	56	Yes	No	Yes
SR18227	38.37035	-121.5193	Residence	51	47	62	57	Yes	No	Yes
SR18228	38.37048	-121.51963	Residence	51	47	62	57	Yes	No	Yes
SR18229	38.37048	-121.51997	Residence	51	47	62	57	Yes	No	Yes
SR18230	38.37035	-121.51999	Residence	51	47	62	57	Yes	No	Yes
SR18231	38.37022	-121.51992	Residence	51	47	62	56	Yes	No	Yes
SR18232	38.37012	-121.51987	Residence	51	47	62	56	Yes	No	Yes
SR18233	38.36997	-121.51875	Residence	51	47	61	57	Yes	No	Yes
SR18234	38.37001	-121.51894	Residence	51	47	61	57	Yes	No	Yes
SR18235	38.37002	-121.51907	Residence	51	47	61	57	Yes	No	Yes
SR18236	38.37001	-121.5192	Residence	51	47	61	56	Yes	No	Yes
SR18237	38.37007	-121.51936	Residence	51	47	61	56	Yes	No	Yes
SR18238	38.36999	-121.51954	Residence	51	47	61	56	Yes	No	Yes
SR18239	38.36989	-121.5195	Residence	51	47	61	56	Yes	No	Yes
SR18240	38.36968	-121.51958	Residence	51	47	61	56	Yes	No	Yes
SR18241	38.37037	-121.5205	Residence	51	47	62	56	Yes	No	Yes
SR18243	38.36838	-121.5149	Residence	51	47	60	56	Yes	No	Yes
SR18246	38.36812	-121.51488	Residence	51	47	60	57	Yes	No	Yes
SR18247	38.36816	-121.51554	Residence	51	47	60	56	Yes	No	Yes
SR18249	38.36803	-121.51548	Residence	51	47	60	56	Yes	No	Yes
SR18251	38.36788	-121.51477	Residence	51	47	60	57	Yes	No	Yes
SR18252	38.36774	-121.51473	Residence	51	47	60	56	Yes	No	Yes
SR18253	38.36639	-121.51564	Residence	51	47	59	55	No	No	Yes

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SR18254	38.35565	-121.52525	Residence	51	47	66	56	Yes	No	Yes
SR18257	38.35723	-121.52348	Residence	51	47	64	55	Yes	No	Yes
SR18260	38.34717	-121.53703	Residence	51	47	73	60	Yes	Yes	Yes
SR18277	38.37022	-121.51864	Residence	51	47	62	57	Yes	No	Yes
SR18487	38.38312	-121.52211	Residence	51	47	72	56	Yes	No	Yes
SR18488	38.38336	-121.52189	Residence	51	47	72	56	Yes	No	Yes
SR18489	38.38295	-121.52266	Residence	51	47	72	56	Yes	No	Yes
SR18490	38.38274	-121.52295	Residence	51	47	73	56	Yes	No	Yes
SR18491	38.38307	-121.52292	Residence	51	47	73	56	Yes	No	Yes
SR18512	38.37862	-121.52598	Residence	51	47	68	55	Yes	No	Yes
SR18517	38.36963	-121.5194	Residence	51	47	60	56	Yes	No	Yes
SR18526	38.36936	-121.51903	Residence	51	47	60	56	Yes	No	Yes
SR18530	38.3689	-121.51853	Residence	51	47	60	56	Yes	No	Yes
SR18537	38.36782	-121.51541	Residence	51	47	60	56	Yes	No	Yes
SR18539	38.36793	-121.51549	Residence	51	47	60	56	Yes	No	Yes
SR18540	38.36821	-121.51435	Residence	51	47	60	57	Yes	No	Yes
SR18543	38.36837	-121.51426	Residence	51	47	60	57	Yes	No	Yes
SR18549	38.36773	-121.50056	Residence	51	47	52	48	No	No	No
SR18550	38.37093	-121.49549	Residence	51	47	50	45	No	No	No
SR18554	38.36745	-121.52303	Residence	51	47	57	50	No	No	No
SR18556	38.36495	-121.5226	Residence	51	47	57	49	No	No	No
SR18558	38.36594	-121.51351	Residence	51	47	59	57	No	No	Yes
SR18559	38.36736	-121.51704	Residence	51	47	59	54	No	No	Yes
SR18560	38.36708	-121.51697	Residence	51	47	58	53	No	No	Yes
SR18571	38.36769	-121.51422	Residence	51	47	60	56	Yes	No	Yes
SR18572	38.36788	-121.51521	Residence	51	47	60	56	Yes	No	Yes
SR18573	38.36766	-121.51485	Residence	51	47	60	56	Yes	No	Yes

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SR18583	38.36719	-121.5001	Residence	51	47	51	47	No	No	No
SR18584	38.36724	-121.50066	Residence	51	47	52	48	No	No	No
SR18595	38.3617	-121.52345	Residence	51	47	58	50	No	No	No
SR18597	38.36021	-121.52511	Residence	51	47	59	51	No	No	No
SR18603	38.35936	-121.52669	Residence	51	47	61	52	Yes	No	Yes
SR18612	38.35579	-121.49715	Residence	51	47	49	46	No	No	No
SR18629	38.33876	-121.54847	Residence	51	47	54	<45	No	No	No
SR18630	38.33862	-121.54787	Residence	51	47	55	<45	No	No	No
SR18631	38.33838	-121.54758	Residence	51	47	55	<45	No	No	No
SR18646	38.33483	-121.53283	Residence	51	47	54	47	No	No	No
Total Exceedances								117	9	147

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-2. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Intakes, 7,500 cfs Option

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
CB-res5	38.41961	-121.52893	Residence	51	47	52	<45	No	No	No
CB-res6	38.41922	-121.52885	Residence	51	47	52	<45	No	No	No
CB-res7	38.41983	-121.52874	Residence	51	47	52	<45	No	No	No
CB-res8	38.41939	-121.52848	Residence	51	47	52	<45	No	No	No
CB-res9	38.41882	-121.52845	Residence	51	47	52	<45	No	No	No
CB-res10	38.41989	-121.52833	Residence	51	47	52	<45	No	No	No
CB-res11	38.4185	-121.52827	Residence	51	47	53	<45	No	No	No
CB-res12	38.41946	-121.52821	Residence	51	47	52	<45	No	No	No
CB-res13	38.41821	-121.5281	Residence	51	47	53	<45	No	No	No
CB-res14	38.41964	-121.52798	Residence	51	47	52	<45	No	No	No
CB-res15	38.41796	-121.52792	Residence	51	47	53	<45	No	No	No
CB-res16	38.41906	-121.52781	Residence	51	47	53	<45	No	No	No
CB-res17	38.41878	-121.52777	Residence	51	47	53	<45	No	No	No
CB-res18	38.41974	-121.52766	Residence	51	47	53	<45	No	No	No
CB-res19	38.41856	-121.52759	Residence	51	47	53	<45	No	No	No
CB-res20	38.41934	-121.52739	Residence	51	47	53	<45	No	No	No
CB-res21	38.41838	-121.52736	Residence	51	47	53	<45	No	No	No
CB-res22	38.41813	-121.52728	Residence	51	47	53	<45	No	No	No
CB-res23	38.41988	-121.52724	Residence	51	47	53	<45	No	No	No
CB-res24	38.41913	-121.52717	Residence	51	47	54	<45	No	No	No
CB-res25	38.4188	-121.52708	Residence	51	47	53	<45	No	No	No
CB-res26	38.41791	-121.52706	Residence	51	47	54	<45	No	No	No
CB-res27	38.41945	-121.52698	Residence	51	47	53	<45	No	No	No
CB-res28	38.41748	-121.52697	Residence	51	47	54	<45	No	No	No
CB-res29	38.41773	-121.52697	Residence	51	47	54	<45	No	No	No
CB-res30	38.41859	-121.52682	Residence	51	47	53	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
CB-res31	38.41833	-121.52677	Residence	51	47	54	<45	No	No	No
CB-res32	38.41916	-121.52667	Residence	51	47	53	<45	No	No	No
CB-res33	38.4189	-121.52663	Residence	51	47	54	<45	No	No	No
CB-res34	38.41844	-121.52645	Residence	51	47	54	<45	No	No	No
CB-res35	38.41869	-121.5264	Residence	51	47	54	<45	No	No	No
CB-res36	38.41769	-121.52633	Residence	51	47	54	<45	No	No	No
CB-res37	38.41822	-121.52632	Residence	51	47	54	<45	No	No	No
CB-res38	38.41804	-121.5261	Residence	51	47	54	<45	No	No	No
CB-res39	38.41775	-121.52601	Residence	51	47	54	<45	No	No	No
CB-res40	38.41746	-121.52584	Residence	51	47	55	<45	No	No	No
cb5	38.4177	-121.52779	Residence	51	47	53	45	No	No	No
CB Middle School	38.41657	-121.5289	School	51	47	53	<45	No	No	No
CB-marina1	38.41789	-121.52533	Marina	51	47	58	47	No	No	No
CB-marina2	38.4185	-121.52577	Marina	51	47	57	46	No	No	No
CB-marina3	38.4194	-121.52634	Marina	51	47	58	46	No	No	No
CB-res1	38.41306	-121.53125	Residence	51	47	54	<45	No	No	No
CB-res2	38.41349	-121.53133	Residence	51	47	53	<45	No	No	No
CB-res3	38.41378	-121.53128	Residence	51	47	53	<45	No	No	No
CB-res4	38.41418	-121.53168	Residence	51	47	53	<45	No	No	No
Celta Elementary Charter School	38.41746	-121.52834	School	51	47	54	<45	No	No	No
Clarksburg Community Church	38.41669	-121.52663	Church	51	47	55	46	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
Delta High School	38.41594	-121.53005	School	51	47	53	<45	No	No	No
SR15488	38.41737	-121.52754	Residence	51	47	54	45	No	No	No
SR15489	38.41733	-121.52658	Residence	51	47	54	46	No	No	No
SR15490	38.417	-121.52729	Residence	51	47	54	46	No	No	No
SR15491	38.41715	-121.5274	Residence	51	47	54	45	No	No	No
SR15492	38.41719	-121.5268	Residence	51	47	54	46	No	No	No
SR15493	38.41709	-121.52706	Residence	51	47	55	46	No	No	No
SR15513	38.41614	-121.52605	Residence	51	47	56	47	No	No	No
SR15514	38.41628	-121.52629	Residence	51	47	55	47	No	No	No
SR15515	38.41604	-121.52676	Residence	51	47	55	46	No	No	No
SR15516	38.41614	-121.52651	Residence	51	47	55	46	No	No	No
SR15517	38.41515	-121.53071	Residence	51	47	53	<45	No	No	No
SR15518	38.4145	-121.53073	Residence	51	47	53	<45	No	No	No
SR15520	38.41411	-121.53056	Residence	51	47	54	45	No	No	No
SR15521	38.41377	-121.5304	Residence	51	47	54	45	No	No	No
SR15522	38.41484	-121.53012	Residence	51	47	54	45	No	No	No
SR15528	38.41614	-121.52476	Residence	51	47	56	48	No	No	No
SR15529	38.41586	-121.52451	Residence	51	47	57	48	No	No	No
SR15530	38.41574	-121.52437	Residence	51	47	57	48	No	No	No
SR15531	38.41563	-121.52466	Residence	51	47	57	48	No	No	No
SR15532	38.41569	-121.52513	Residence	51	47	56	48	No	No	No
SR15533	38.41569	-121.52501	Residence	51	47	56	48	No	No	No
SR15534	38.41558	-121.52498	Residence	51	47	56	48	No	No	No
SR15542	38.41586	-121.52577	Residence	51	47	56	47	No	No	No
SR15544	38.41575	-121.5262	Residence	51	47	56	47	No	No	No
SR15545	38.41568	-121.52647	Residence	51	47	56	47	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR15546	38.41549	-121.52634	Residence	51	47	56	47	No	No	No
SR15547	38.41527	-121.52619	Residence	51	47	56	47	No	No	No
SR15548	38.41512	-121.52611	Residence	51	47	56	47	No	No	No
SR15549	38.41485	-121.52598	Residence	51	47	56	47	No	No	No
SR15550	38.41471	-121.52581	Residence	51	47	56	48	No	No	No
SR15551	38.41448	-121.52567	Residence	51	47	56	48	No	No	No
SR15552	38.41437	-121.52546	Residence	51	47	57	48	No	No	No
SR15553	38.41417	-121.52528	Residence	51	47	57	48	No	No	No
SR15554	38.41569	-121.52576	Residence	51	47	56	47	No	No	No
SR15555	38.41515	-121.52538	Residence	51	47	56	48	No	No	No
SR15556	38.41491	-121.52518	Residence	51	47	57	48	No	No	No
SR15557	38.41471	-121.52507	Residence	51	47	57	48	No	No	No
SR15558	38.41458	-121.52495	Residence	51	47	57	48	No	No	No
SR15559	38.41433	-121.52487	Residence	51	47	57	48	No	No	No
SR15564	38.41404	-121.52508	Residence	51	47	57	48	No	No	No
SR15565	38.41404	-121.52462	Residence	51	47	57	49	No	No	No
SR15569	38.41674	-121.5203	Residence	51	47	57	51	No	No	No
SR15572	38.41282	-121.50618	Residence	51	47	65	61	Yes	Yes	Yes
SR15573	38.41284	-121.50646	Residence	51	47	65	62	Yes	Yes	Yes
SR15575	38.41291	-121.50467	Residence	51	47	64	60	Yes	Yes	Yes
SR15577	38.41129	-121.51663	Residence	51	47	68	60	Yes	Yes	Yes
SR15580	38.40691	-121.51818	Residence	51	47	73	59	Yes	No	Yes
SR15587	38.41264	-121.53054	Residence	51	47	54	46	No	No	No
SR15588	38.41385	-121.53043	Residence	51	47	54	45	No	No	No
SR15589	38.41321	-121.53025	Residence	51	47	54	46	No	No	No
SR15592	38.40406	-121.51703	Residence	51	47	72	58	Yes	No	Yes
SR15596	38.40232	-121.53096	Residence	51	47	59	46	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR15599	38.40228	-121.51605	Residence	51	47	71	58	Yes	No	Yes
SR15600	38.4019	-121.51576	Residence	51	47	71	57	Yes	No	Yes
SR15602	38.40128	-121.5156	Residence	51	47	69	57	Yes	No	Yes
SR15604	38.40052	-121.51541	Residence	51	47	68	56	Yes	No	Yes
SR15608	38.39776	-121.51513	Residence	51	47	64	53	Yes	No	Yes
SR15609	38.39702	-121.51629	Residence	51	47	64	52	Yes	No	Yes
SR15613	38.39621	-121.51502	Residence	51	47	62	51	Yes	No	No
SR15616	38.39585	-121.51509	Residence	51	47	62	51	Yes	No	No
SR15620	38.39575	-121.51528	Residence	51	47	62	51	Yes	No	No
SR15622	38.3955	-121.51551	Residence	51	47	62	51	Yes	No	No
SR15623	38.39573	-121.515	Residence	51	47	62	51	Yes	No	No
SR15631	38.39269	-121.5159	Residence	51	47	63	50	Yes	No	No
SR15635	38.39683	-121.51095	Residence	51	47	61	53	Yes	No	Yes
SR15637	38.39241	-121.51161	Residence	51	47	60	51	Yes	No	No
SR15640	38.39252	-121.50758	Residence	51	47	58	50	No	No	No
SR15642	38.39987	-121.51171	Residence	51	47	69	60	Yes	Yes	Yes
SR16144	38.3744	-121.48237	Residence	51	47	45	<45	No	No	No
SR17863	38.39001	-121.51126	Residence	51	47	60	51	Yes	No	No
SR17864	38.38709	-121.51301	Residence	51	47	64	53	Yes	No	Yes
SR17865	38.38667	-121.51305	Residence	51	47	64	54	Yes	No	Yes
SR17868	38.38543	-121.51395	Residence	51	47	70	59	Yes	No	Yes
SR17869	38.38521	-121.51366	Residence	51	47	70	59	Yes	No	Yes
SR17874	38.38567	-121.51324	Residence	51	47	69	56	Yes	No	Yes
SR17875	38.38566	-121.51344	Residence	51	47	69	58	Yes	No	Yes
SR17882	38.37434	-121.52545	Residence	51	47	62	54	Yes	No	Yes
SR17886	38.37372	-121.52476	Residence	51	47	61	53	Yes	No	Yes
SR17891	38.36822	-121.52293	Residence	51	47	57	50	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR17897	38.36739	-121.51884	Residence	51	47	58	54	No	No	Yes
SR17899	38.36759	-121.5152	Residence	51	47	60	56	Yes	No	Yes
SR17900	38.36749	-121.51465	Residence	51	47	60	56	Yes	No	Yes
SR17901	38.36753	-121.51408	Residence	51	47	60	56	Yes	No	Yes
SR17902	38.36741	-121.51346	Residence	51	47	60	57	Yes	No	Yes
SR17904	38.36714	-121.51285	Residence	51	47	61	58	Yes	No	Yes
SR17909	38.3671	-121.51199	Residence	51	47	62	61	Yes	Yes	Yes
SR17910	38.36659	-121.51273	Residence	51	47	60	58	Yes	No	Yes
SR17911	38.36634	-121.51141	Residence	51	47	63	62	Yes	Yes	Yes
SR17915	38.36702	-121.51119	Residence	51	47	65	65	Yes	Yes	Yes
SR17916	38.36699	-121.51087	Residence	51	47	68	67	Yes	Yes	Yes
SR17917	38.36669	-121.51082	Residence	51	47	67	67	Yes	Yes	Yes
SR17918	38.3662	-121.51093	Residence	51	47	66	65	Yes	Yes	Yes
SR17919	38.35797	-121.52864	Residence	51	47	63	53	Yes	No	Yes
SR17924	38.3589	-121.52698	Residence	51	47	61	52	Yes	No	Yes
SR17926	38.35792	-121.52434	Residence	51	47	64	56	Yes	No	Yes
SR17927	38.35912	-121.52113	Residence	51	47	61	53	Yes	No	Yes
SR17929	38.35986	-121.52016	Residence	51	47	58	51	No	No	No
SR17930	38.36045	-121.5195	Residence	51	47	57	51	No	No	No
SR17932	38.36054	-121.52014	Residence	51	47	58	52	No	No	Yes
SR17936	38.35425	-121.53658	Residence	51	47	70	55	Yes	No	Yes
SR17938	38.35357	-121.53517	Residence	51	47	72	57	Yes	No	Yes
SR17941	38.35345	-121.53333	Residence	51	47	73	58	Yes	No	Yes
SR17955	38.34771	-121.54616	Residence	51	47	62	49	Yes	No	No
SR17956	38.34744	-121.54629	Residence	51	47	61	49	Yes	No	No
SR17966	38.35058	-121.53652	Residence	51	47	72	58	Yes	No	Yes
SR17970	38.33952	-121.54248	Residence	51	47	58	47	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR17977	38.3356	-121.53505	Residence	51	47	55	47	No	No	No
SR17978	38.33516	-121.53431	Residence	51	47	54	47	No	No	No
SR17981	38.33483	-121.53465	Residence	51	47	54	47	No	No	No
SR17987	38.33477	-121.53267	Residence	51	47	54	47	No	No	No
SR17989	38.32781	-121.52832	Residence	51	47	48	<45	No	No	No
SR17990	38.32754	-121.52835	Residence	51	47	48	<45	No	No	No
SR17992	38.32671	-121.5284	Residence	51	47	47	<45	No	No	No
SR18109	38.39011	-121.51212	Residence	51	47	61	51	Yes	No	No
SR18112	38.37369	-121.5211	Residence	51	47	66	61	Yes	Yes	Yes
SR18115	38.35538	-121.52659	Residence	51	47	68	60	Yes	Yes	Yes
SR18116	38.35561	-121.5262	Residence	51	47	68	59	Yes	No	Yes
SR18117	38.37901	-121.52594	Residence	51	47	68	55	Yes	No	Yes
SR18118	38.37941	-121.52555	Residence	51	47	71	56	Yes	No	Yes
SR18120	38.36841	-121.51887	Residence	51	47	59	54	No	No	Yes
SR18121	38.36903	-121.51919	Residence	51	47	61	55	Yes	No	Yes
SR18122	38.36922	-121.51925	Residence	51	47	60	56	Yes	No	Yes
SR18123	38.36932	-121.51932	Residence	51	47	60	56	Yes	No	Yes
SR18124	38.36939	-121.51933	Residence	51	47	61	56	Yes	No	Yes
SR18125	38.36931	-121.51878	Residence	51	47	61	56	Yes	No	Yes
SR18127	38.36868	-121.51895	Residence	51	47	60	55	Yes	No	Yes
SR18128	38.36866	-121.51918	Residence	51	47	60	55	Yes	No	Yes
SR18129	38.36884	-121.51927	Residence	51	47	60	55	Yes	No	Yes
SR18131	38.36857	-121.51843	Residence	51	47	60	55	Yes	No	Yes
SR18132	38.36877	-121.51849	Residence	51	47	60	55	Yes	No	Yes
SR18133	38.3689	-121.51871	Residence	51	47	60	56	Yes	No	Yes
SR18134	38.36902	-121.51877	Residence	51	47	61	56	Yes	No	Yes
SR18135	38.36872	-121.51873	Residence	51	47	60	55	Yes	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18136	38.36784	-121.51843	Residence	51	47	59	54	No	No	Yes
SR18137	38.36716	-121.51815	Residence	51	47	58	52	No	No	Yes
SR18138	38.36728	-121.51844	Residence	51	47	58	53	No	No	Yes
SR18142	38.36682	-121.51759	Residence	51	47	58	53	No	No	Yes
SR18143	38.36673	-121.51708	Residence	51	47	58	53	No	No	Yes
SR18144	38.36671	-121.51685	Residence	51	47	58	53	No	No	Yes
SR18145	38.36658	-121.51658	Residence	51	47	58	53	No	No	Yes
SR18146	38.36656	-121.51628	Residence	51	47	58	53	No	No	Yes
SR18147	38.36651	-121.51614	Residence	51	47	58	53	No	No	Yes
SR18148	38.36645	-121.51598	Residence	51	47	59	54	No	No	Yes
SR18149	38.3664	-121.51579	Residence	51	47	59	55	No	No	Yes
SR18151	38.367	-121.51691	Residence	51	47	58	53	No	No	Yes
SR18152	38.36703	-121.51711	Residence	51	47	58	53	No	No	Yes
SR18153	38.36708	-121.51729	Residence	51	47	58	53	No	No	Yes
SR18154	38.36712	-121.51747	Residence	51	47	58	53	No	No	Yes
SR18155	38.36716	-121.51773	Residence	51	47	58	53	No	No	Yes
SR18156	38.36729	-121.51773	Residence	51	47	59	53	No	No	Yes
SR18157	38.36762	-121.51767	Residence	51	47	59	54	No	No	Yes
SR18158	38.36763	-121.51735	Residence	51	47	59	54	No	No	Yes
SR18159	38.36757	-121.51702	Residence	51	47	59	54	No	No	Yes
SR18160	38.36725	-121.51723	Residence	51	47	59	53	No	No	Yes
SR18161	38.3672	-121.51703	Residence	51	47	59	53	No	No	Yes
SR18163	38.36895	-121.51735	Residence	51	47	60	56	Yes	No	Yes
SR18164	38.36866	-121.51731	Residence	51	47	60	56	Yes	No	Yes
SR18165	38.36851	-121.51735	Residence	51	47	60	56	Yes	No	Yes
SR18166	38.36808	-121.51714	Residence	51	47	60	55	Yes	No	Yes
SR18167	38.36812	-121.5174	Residence	51	47	60	55	Yes	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18168	38.36818	-121.51771	Residence	51	47	60	55	Yes	No	Yes
SR18169	38.36847	-121.51797	Residence	51	47	60	55	Yes	No	Yes
SR18170	38.36889	-121.51804	Residence	51	47	60	56	Yes	No	Yes
SR18172	38.368	-121.51676	Residence	51	47	60	55	Yes	No	Yes
SR18173	38.36798	-121.51659	Residence	51	47	60	55	Yes	No	Yes
SR18174	38.36787	-121.5164	Residence	51	47	60	55	Yes	No	Yes
SR18175	38.36778	-121.51593	Residence	51	47	60	55	Yes	No	Yes
SR18176	38.36814	-121.51607	Residence	51	47	60	55	Yes	No	Yes
SR18177	38.36838	-121.51608	Residence	51	47	60	56	Yes	No	Yes
SR18178	38.36856	-121.51613	Residence	51	47	60	56	Yes	No	Yes
SR18179	38.36874	-121.51618	Residence	51	47	60	56	Yes	No	Yes
SR18180	38.3689	-121.51688	Residence	51	47	60	56	Yes	No	Yes
SR18181	38.36869	-121.5168	Residence	51	47	60	56	Yes	No	Yes
SR18182	38.36858	-121.51686	Residence	51	47	60	56	Yes	No	Yes
SR18188	38.36842	-121.51553	Residence	51	47	60	56	Yes	No	Yes
SR18190	38.36743	-121.51662	Residence	51	47	59	54	No	No	Yes
SR18191	38.36681	-121.51627	Residence	51	47	59	53	No	No	Yes
SR18192	38.36681	-121.51601	Residence	51	47	59	54	No	No	Yes
SR18193	38.36711	-121.51643	Residence	51	47	59	54	No	No	Yes
SR18194	38.36695	-121.51575	Residence	51	47	59	55	No	No	Yes
SR18195	38.36726	-121.51653	Residence	51	47	59	54	No	No	Yes
SR18198	38.36038	-121.52492	Residence	51	47	59	50	No	No	No
SR18199	38.35963	-121.52635	Residence	51	47	60	51	Yes	No	No
SR18200	38.32791	-121.49705	Residence	51	47	47	46	No	No	No
SR18223	38.37018	-121.51962	Residence	51	47	62	57	Yes	No	Yes
SR18224	38.37026	-121.51882	Residence	51	47	62	57	Yes	No	Yes
SR18225	38.37027	-121.51901	Residence	51	47	62	57	Yes	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18226	38.37031	-121.51914	Residence	51	47	61	56	Yes	No	Yes
SR18227	38.37035	-121.5193	Residence	51	47	62	57	Yes	No	Yes
SR18228	38.37048	-121.51963	Residence	51	47	62	57	Yes	No	Yes
SR18229	38.37048	-121.51997	Residence	51	47	62	57	Yes	No	Yes
SR18230	38.37035	-121.51999	Residence	51	47	62	57	Yes	No	Yes
SR18231	38.37022	-121.51992	Residence	51	47	62	56	Yes	No	Yes
SR18232	38.37012	-121.51987	Residence	51	47	62	56	Yes	No	Yes
SR18233	38.36997	-121.51875	Residence	51	47	61	57	Yes	No	Yes
SR18234	38.37001	-121.51894	Residence	51	47	61	57	Yes	No	Yes
SR18235	38.37002	-121.51907	Residence	51	47	61	57	Yes	No	Yes
SR18236	38.37001	-121.5192	Residence	51	47	61	57	Yes	No	Yes
SR18237	38.37007	-121.51936	Residence	51	47	61	57	Yes	No	Yes
SR18238	38.36999	-121.51954	Residence	51	47	61	56	Yes	No	Yes
SR18239	38.36989	-121.5195	Residence	51	47	61	56	Yes	No	Yes
SR18240	38.36968	-121.51958	Residence	51	47	61	56	Yes	No	Yes
SR18241	38.37037	-121.5205	Residence	51	47	62	56	Yes	No	Yes
SR18243	38.36838	-121.5149	Residence	51	47	60	56	Yes	No	Yes
SR18246	38.36812	-121.51488	Residence	51	47	60	57	Yes	No	Yes
SR18247	38.36816	-121.51554	Residence	51	47	60	56	Yes	No	Yes
SR18249	38.36803	-121.51548	Residence	51	47	60	56	Yes	No	Yes
SR18251	38.36788	-121.51477	Residence	51	47	60	57	Yes	No	Yes
SR18252	38.36774	-121.51473	Residence	51	47	60	56	Yes	No	Yes
SR18253	38.36639	-121.51564	Residence	51	47	59	55	No	No	Yes
SR18254	38.35565	-121.52525	Residence	51	47	66	56	Yes	No	Yes
SR18257	38.35723	-121.52348	Residence	51	47	64	55	Yes	No	Yes
SR18260	38.34717	-121.53703	Residence	51	47	73	60	Yes	Yes	Yes
SR18277	38.37022	-121.51864	Residence	51	47	62	57	Yes	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18484	38.41124	-121.51699	Residence	51	47	67	61	Yes	Yes	Yes
SR18487	38.38312	-121.52211	Residence	51	47	73	56	Yes	No	Yes
SR18488	38.38336	-121.52189	Residence	51	47	72	56	Yes	No	Yes
SR18489	38.38295	-121.52266	Residence	51	47	72	56	Yes	No	Yes
SR18490	38.38274	-121.52295	Residence	51	47	73	56	Yes	No	Yes
SR18491	38.38307	-121.52292	Residence	51	47	73	56	Yes	No	Yes
SR18512	38.37862	-121.52598	Residence	51	47	68	55	Yes	No	Yes
SR18517	38.36963	-121.5194	Residence	51	47	60	56	Yes	No	Yes
SR18526	38.36936	-121.51903	Residence	51	47	61	56	Yes	No	Yes
SR18530	38.3689	-121.51853	Residence	51	47	60	56	Yes	No	Yes
SR18537	38.36782	-121.51541	Residence	51	47	60	56	Yes	No	Yes
SR18539	38.36793	-121.51549	Residence	51	47	60	56	Yes	No	Yes
SR18540	38.36821	-121.51435	Residence	51	47	60	57	Yes	No	Yes
SR18543	38.36837	-121.51426	Residence	51	47	61	57	Yes	No	Yes
SR18549	38.36773	-121.50056	Residence	51	47	52	48	No	No	No
SR18550	38.37093	-121.49549	Residence	51	47	50	45	No	No	No
SR18554	38.36745	-121.52303	Residence	51	47	57	50	No	No	No
SR18556	38.36495	-121.5226	Residence	51	47	57	49	No	No	No
SR18558	38.36594	-121.51351	Residence	51	47	59	57	No	No	Yes
SR18559	38.36736	-121.51704	Residence	51	47	59	54	No	No	Yes
SR18560	38.36708	-121.51697	Residence	51	47	58	53	No	No	Yes
SR18571	38.36769	-121.51422	Residence	51	47	60	56	Yes	No	Yes
SR18572	38.36788	-121.51521	Residence	51	47	60	56	Yes	No	Yes
SR18573	38.36766	-121.51485	Residence	51	47	60	56	Yes	No	Yes
SR18583	38.36719	-121.5001	Residence	51	47	52	48	No	No	No
SR18584	38.36724	-121.50066	Residence	51	47	52	48	No	No	No
SR18595	38.3617	-121.52345	Residence	51	47	58	50	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18597	38.36021	-121.52511	Residence	51	47	59	51	No	No	No
SR18603	38.35936	-121.52669	Residence	51	47	61	52	Yes	No	Yes
SR18612	38.35579	-121.49715	Residence	51	47	49	46	No	No	No
SR18629	38.33876	-121.54847	Residence	51	47	54	<45	No	No	No
SR18630	38.33862	-121.54787	Residence	51	47	55	<45	No	No	No
SR18631	38.33838	-121.54758	Residence	51	47	55	<45	No	No	No
SR18646	38.33483	-121.53283	Residence	51	47	54	47	No	No	No
Total Exceedances								139	15	162

1 dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-3. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Intakes, 3,000 cfs Option

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR17882	38.37434	-121.52545	Residence	51	47	51	<45	No	No	No
SR17886	38.37372	-121.52476	Residence	51	47	51	<45	No	No	No
SR17891	38.36822	-121.52293	Residence	51	47	54	<45	No	No	No
SR17897	38.36739	-121.51884	Residence	51	47	51	<45	No	No	No
SR17899	38.36759	-121.5152	Residence	51	47	49	<45	No	No	No
SR17900	38.36749	-121.51465	Residence	51	47	49	<45	No	No	No
SR17901	38.36753	-121.51408	Residence	51	47	48	<45	No	No	No
SR17902	38.36741	-121.51346	Residence	51	47	48	<45	No	No	No
SR17904	38.36714	-121.51285	Residence	51	47	48	<45	No	No	No
SR17909	38.3671	-121.51199	Residence	51	47	48	<45	No	No	No
SR17910	38.36659	-121.51273	Residence	51	47	48	<45	No	No	No
SR17911	38.36634	-121.51141	Residence	51	47	48	<45	No	No	No
SR17915	38.36702	-121.51119	Residence	51	47	47	<45	No	No	No
SR17916	38.36699	-121.51087	Residence	51	47	47	<45	No	No	No
SR17917	38.36669	-121.51082	Residence	51	47	47	<45	No	No	No
SR17918	38.3662	-121.51093	Residence	51	47	48	<45	No	No	No
SR17919	38.35797	-121.52864	Residence	51	47	63	53	Yes	No	Yes
SR17924	38.3589	-121.52698	Residence	51	47	61	51	Yes	No	No
SR17926	38.35792	-121.52434	Residence	51	47	64	55	Yes	No	Yes
SR17927	38.35912	-121.52113	Residence	51	47	60	52	Yes	No	Yes
SR17929	38.35986	-121.52016	Residence	51	47	57	48	No	No	No
SR17930	38.36045	-121.5195	Residence	51	47	56	47	No	No	No
SR17932	38.36054	-121.52014	Residence	51	47	57	50	No	No	No
SR17936	38.35425	-121.53658	Residence	51	47	70	55	Yes	No	Yes
SR17938	38.35357	-121.53517	Residence	51	47	72	57	Yes	No	Yes
SR17941	38.35345	-121.53333	Residence	51	47	73	58	Yes	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR17955	38.34771	-121.54616	Residence	51	47	62	49	Yes	No	No
SR17956	38.34744	-121.54629	Residence	51	47	61	48	Yes	No	No
SR17966	38.35058	-121.53652	Residence	51	47	72	58	Yes	No	Yes
SR17970	38.33952	-121.54248	Residence	51	47	58	47	No	No	No
SR17977	38.3356	-121.53505	Residence	51	47	55	47	No	No	No
SR17978	38.33516	-121.53431	Residence	51	47	54	47	No	No	No
SR17981	38.33483	-121.53465	Residence	51	47	54	46	No	No	No
SR17987	38.33477	-121.53267	Residence	51	47	54	47	No	No	No
SR17989	38.32781	-121.52832	Residence	51	47	48	<45	No	No	No
SR17990	38.32754	-121.52835	Residence	51	47	48	<45	No	No	No
SR17992	38.32671	-121.5284	Residence	51	47	47	<45	No	No	No
SR18112	38.37369	-121.5211	Residence	51	47	47	<45	No	No	No
SR18115	38.35538	-121.52659	Residence	51	47	68	60	Yes	Yes	Yes
SR18116	38.35561	-121.5262	Residence	51	47	68	59	Yes	No	Yes
SR18117	38.37901	-121.52594	Residence	51	47	48	<45	No	No	No
SR18118	38.37941	-121.52555	Residence	51	47	48	<45	No	No	No
SR18120	38.36841	-121.51887	Residence	51	47	50	<45	No	No	No
SR18121	38.36903	-121.51919	Residence	51	47	50	<45	No	No	No
SR18122	38.36922	-121.51925	Residence	51	47	49	<45	No	No	No
SR18123	38.36932	-121.51932	Residence	51	47	49	<45	No	No	No
SR18124	38.36939	-121.51933	Residence	51	47	49	<45	No	No	No
SR18125	38.36931	-121.51878	Residence	51	47	49	<45	No	No	No
SR18127	38.36868	-121.51895	Residence	51	47	50	<45	No	No	No
SR18128	38.36866	-121.51918	Residence	51	47	50	<45	No	No	No
SR18129	38.36884	-121.51927	Residence	51	47	50	<45	No	No	No
SR18131	38.36857	-121.51843	Residence	51	47	50	<45	No	No	No
SR18132	38.36877	-121.51849	Residence	51	47	50	<45	No	No	No
SR18133	38.3689	-121.51871	Residence	51	47	50	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18134	38.36902	-121.51877	Residence	51	47	50	<45	No	No	No
SR18135	38.36872	-121.51873	Residence	51	47	50	<45	No	No	No
SR18136	38.36784	-121.51843	Residence	51	47	50	<45	No	No	No
SR18137	38.36716	-121.51815	Residence	51	47	51	<45	No	No	No
SR18138	38.36728	-121.51844	Residence	51	47	51	<45	No	No	No
SR18142	38.36682	-121.51759	Residence	51	47	51	<45	No	No	No
SR18143	38.36673	-121.51708	Residence	51	47	51	<45	No	No	No
SR18144	38.36671	-121.51685	Residence	51	47	51	<45	No	No	No
SR18145	38.36658	-121.51658	Residence	51	47	51	<45	No	No	No
SR18146	38.36656	-121.51628	Residence	51	47	50	<45	No	No	No
SR18147	38.36651	-121.51614	Residence	51	47	50	<45	No	No	No
SR18148	38.36645	-121.51598	Residence	51	47	50	<45	No	No	No
SR18149	38.3664	-121.51579	Residence	51	47	50	<45	No	No	No
SR18151	38.367	-121.51691	Residence	51	47	51	<45	No	No	No
SR18152	38.36703	-121.51711	Residence	51	47	51	<45	No	No	No
SR18153	38.36708	-121.51729	Residence	51	47	51	<45	No	No	No
SR18154	38.36712	-121.51747	Residence	51	47	51	<45	No	No	No
SR18155	38.36716	-121.51773	Residence	51	47	51	<45	No	No	No
SR18156	38.36729	-121.51773	Residence	51	47	50	<45	No	No	No
SR18157	38.36762	-121.51767	Residence	51	47	50	<45	No	No	No
SR18158	38.36763	-121.51735	Residence	51	47	50	<45	No	No	No
SR18159	38.36757	-121.51702	Residence	51	47	50	<45	No	No	No
SR18160	38.36725	-121.51723	Residence	51	47	50	<45	No	No	No
SR18161	38.3672	-121.51703	Residence	51	47	50	<45	No	No	No
SR18163	38.36895	-121.51735	Residence	51	47	49	<45	No	No	No
SR18164	38.36866	-121.51731	Residence	51	47	49	<45	No	No	No
SR18165	38.36851	-121.51735	Residence	51	47	50	<45	No	No	No
SR18166	38.36808	-121.51714	Residence	51	47	50	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18167	38.36812	-121.5174	Residence	51	47	50	<45	No	No	No
SR18168	38.36818	-121.51771	Residence	51	47	50	<45	No	No	No
SR18169	38.36847	-121.51797	Residence	51	47	50	<45	No	No	No
SR18170	38.36889	-121.51804	Residence	51	47	49	<45	No	No	No
SR18172	38.368	-121.51676	Residence	51	47	50	<45	No	No	No
SR18173	38.36798	-121.51659	Residence	51	47	50	<45	No	No	No
SR18174	38.36787	-121.5164	Residence	51	47	50	<45	No	No	No
SR18175	38.36778	-121.51593	Residence	51	47	50	<45	No	No	No
SR18176	38.36814	-121.51607	Residence	51	47	50	<45	No	No	No
SR18177	38.36838	-121.51608	Residence	51	47	49	<45	No	No	No
SR18178	38.36856	-121.51613	Residence	51	47	49	<45	No	No	No
SR18179	38.36874	-121.51618	Residence	51	47	49	<45	No	No	No
SR18180	38.3689	-121.51688	Residence	51	47	49	<45	No	No	No
SR18181	38.36869	-121.5168	Residence	51	47	49	<45	No	No	No
SR18182	38.36858	-121.51686	Residence	51	47	49	<45	No	No	No
SR18188	38.36842	-121.51553	Residence	51	47	49	<45	No	No	No
SR18190	38.36743	-121.51662	Residence	51	47	50	<45	No	No	No
SR18191	38.36681	-121.51627	Residence	51	47	50	<45	No	No	No
SR18192	38.36681	-121.51601	Residence	51	47	50	<45	No	No	No
SR18193	38.36711	-121.51643	Residence	51	47	50	<45	No	No	No
SR18194	38.36695	-121.51575	Residence	51	47	50	<45	No	No	No
SR18195	38.36726	-121.51653	Residence	51	47	50	<45	No	No	No
SR18198	38.36038	-121.52492	Residence	51	47	58	49	No	No	No
SR18199	38.35963	-121.52635	Residence	51	47	60	50	Yes	No	No
SR18200	38.32791	-121.49705	Residence	51	47	47	46	No	No	No
SR18223	38.37018	-121.51962	Residence	51	47	49	<45	No	No	No
SR18224	38.37026	-121.51882	Residence	51	47	49	<45	No	No	No
SR18225	38.37027	-121.51901	Residence	51	47	49	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18226	38.37031	-121.51914	Residence	51	47	49	<45	No	No	No
SR18227	38.37035	-121.5193	Residence	51	47	49	<45	No	No	No
SR18228	38.37048	-121.51963	Residence	51	47	49	<45	No	No	No
SR18229	38.37048	-121.51997	Residence	51	47	49	<45	No	No	No
SR18230	38.37035	-121.51999	Residence	51	47	49	<45	No	No	No
SR18231	38.37022	-121.51992	Residence	51	47	49	<45	No	No	No
SR18232	38.37012	-121.51987	Residence	51	47	49	<45	No	No	No
SR18233	38.36997	-121.51875	Residence	51	47	49	<45	No	No	No
SR18234	38.37001	-121.51894	Residence	51	47	49	<45	No	No	No
SR18235	38.37002	-121.51907	Residence	51	47	49	<45	No	No	No
SR18236	38.37001	-121.5192	Residence	51	47	49	<45	No	No	No
SR18237	38.37007	-121.51936	Residence	51	47	49	<45	No	No	No
SR18238	38.36999	-121.51954	Residence	51	47	49	<45	No	No	No
SR18239	38.36989	-121.5195	Residence	51	47	49	<45	No	No	No
SR18240	38.36968	-121.51958	Residence	51	47	49	<45	No	No	No
SR18241	38.37037	-121.5205	Residence	51	47	49	<45	No	No	No
SR18243	38.36838	-121.5149	Residence	51	47	49	<45	No	No	No
SR18246	38.36812	-121.51488	Residence	51	47	49	<45	No	No	No
SR18247	38.36816	-121.51554	Residence	51	47	49	<45	No	No	No
SR18249	38.36803	-121.51548	Residence	51	47	49	<45	No	No	No
SR18251	38.36788	-121.51477	Residence	51	47	49	<45	No	No	No
SR18252	38.36774	-121.51473	Residence	51	47	49	<45	No	No	No
SR18253	38.36639	-121.51564	Residence	51	47	50	<45	No	No	No
SR18254	38.35565	-121.52525	Residence	51	47	66	56	Yes	No	Yes
SR18257	38.35723	-121.52348	Residence	51	47	64	55	Yes	No	Yes
SR18260	38.34717	-121.53703	Residence	51	47	73	60	Yes	Yes	Yes
SR18277	38.37022	-121.51864	Residence	51	47	49	<45	No	No	No
SR18512	38.37862	-121.52598	Residence	51	47	48	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR18517	38.36963	-121.5194	Residence	51	47	49	<45	No	No	No
SR18526	38.36936	-121.51903	Residence	51	47	49	<45	No	No	No
SR18530	38.3689	-121.51853	Residence	51	47	50	<45	No	No	No
SR18537	38.36782	-121.51541	Residence	51	47	49	<45	No	No	No
SR18539	38.36793	-121.51549	Residence	51	47	49	<45	No	No	No
SR18540	38.36821	-121.51435	Residence	51	47	49	<45	No	No	No
SR18543	38.36837	-121.51426	Residence	51	47	49	<45	No	No	No
SR18554	38.36745	-121.52303	Residence	51	47	54	<45	No	No	No
SR18556	38.36495	-121.5226	Residence	51	47	55	<45	No	No	No
SR18558	38.36594	-121.51351	Residence	51	47	49	<45	No	No	No
SR18559	38.36736	-121.51704	Residence	51	47	50	<45	No	No	No
SR18560	38.36708	-121.51697	Residence	51	47	50	<45	No	No	No
SR18571	38.36769	-121.51422	Residence	51	47	48	<45	No	No	No
SR18572	38.36788	-121.51521	Residence	51	47	49	<45	No	No	No
SR18573	38.36766	-121.51485	Residence	51	47	49	<45	No	No	No
SR18595	38.3617	-121.52345	Residence	51	47	57	48	No	No	No
SR18597	38.36021	-121.52511	Residence	51	47	59	49	No	No	No
SR18603	38.35936	-121.52669	Residence	51	47	60	51	Yes	No	No
SR18612	38.35579	-121.49715	Residence	51	47	45	<45	No	No	No
SR18629	38.33876	-121.54847	Residence	51	47	54	<45	No	No	No
SR18630	38.33862	-121.54787	Residence	51	47	55	<45	No	No	No
SR18631	38.33838	-121.54758	Residence	51	47	55	<45	No	No	No
Total Exceedances								17	2	12

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-4. Predicted Sound Levels for Heavy Equipment, Twin Cities Complex and Lambert Plant

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR15971	38.31995	-121.46971	Residence	51	47	45	No	No
SR16014	38.32849	-121.45862	Residence	51	47	45	No	No
SR16018	38.32516	-121.46309	Residence	51	47	46	No	No
SR16019	38.32449	-121.46233	Residence	51	47	47	No	No
SR16027	38.32439	-121.46397	Residence	51	47	46	No	No
SR16033	38.32267	-121.45649	Residence	51	47	54	No	Yes
SR16034	38.31483	-121.46646	Residence	51	47	49	No	No
SR16046	38.29835	-121.43929	Residence	51	47	62	Yes	Yes
SR16047	38.29867	-121.43921	Residence	51	47	62	Yes	Yes
SR16055	38.2873	-121.43432	Residence	51	47	52	No	Yes
SR16056	38.28939	-121.42834	Residence	51	47	49	No	No
SR16057	38.2893	-121.42906	Residence	51	47	49	No	No
SR16064	38.2907	-121.42403	Residence	51	47	47	No	No
SR16069	38.28995	-121.44765	Residence	51	47	71	Yes	Yes
SR16070	38.28992	-121.44817	Residence	51	47	70	Yes	Yes
SR16081	38.32066	-121.4345	Residence	51	47	47	No	No
SR16084	38.32708	-121.44684	Residence	51	47	53	No	Yes
SR16087	38.32513	-121.44861	Residence	51	47	59	No	Yes
SR16091	38.32787	-121.44411	Residence	51	47	49	No	No
SR16092	38.32707	-121.44354	Residence	51	47	50	No	No
SR16094	38.32516	-121.43773	Residence	51	47	46	No	No
SR16098	38.32478	-121.43868	Residence	51	47	50	No	No
SR16100	38.32327	-121.44541	Residence	51	47	62	Yes	Yes
SR16115	38.32225	-121.43733	Residence	51	47	49	No	No
SR16116	38.32185	-121.43996	Residence	51	47	52	No	Yes
SR16117	38.32297	-121.4322	Residence	51	47	45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR16123	38.31868	-121.43801	Residence	51	47	48	No	No
SR16124	38.31866	-121.43759	Residence	51	47	48	No	No
SR16125	38.32943	-121.44666	Residence	51	47	48	No	No
SR16126	38.32822	-121.44669	Residence	51	47	50	No	No
SR16128	38.32935	-121.44409	Residence	51	47	47	No	No
SR16132	38.32729	-121.44391	Residence	51	47	50	No	No
SR18201	38.32361	-121.46393	Residence	51	47	46	No	No
SR18202	38.32277	-121.46385	Residence	51	47	46	No	No
SR18203	38.32134	-121.46369	Residence	51	47	47	No	No
SR18213	38.30326	-121.47375	Residence	51	47	49	No	No
SR18214	38.30287	-121.47381	Residence	51	47	49	No	No
SR18298	38.30214	-121.47029	Residence	51	47	52	No	Yes
SR18299	38.30158	-121.46939	Residence	51	47	53	No	Yes
SR18670	38.32432	-121.46393	Residence	51	47	46	No	No
SR15971	38.31995	-121.46971	Residence	51	47	45	No	No
SR16014	38.32849	-121.45862	Residence	51	47	45	No	No
SR16018	38.32516	-121.46309	Residence	51	47	46	No	No
SR16019	38.32449	-121.46233	Residence	51	47	47	No	No
SR16027	38.32439	-121.46397	Residence	51	47	46	No	No
SR16033	38.32267	-121.45649	Residence	51	47	54	No	Yes
SR16034	38.31483	-121.46646	Residence	51	47	49	No	No
SR16046	38.29835	-121.43929	Residence	51	47	62	Yes	Yes
SR16047	38.29867	-121.43921	Residence	51	47	62	Yes	Yes
SR16055	38.2873	-121.43432	Residence	51	47	52	No	Yes
SR16056	38.28939	-121.42834	Residence	51	47	49	No	No
SR16057	38.2893	-121.42906	Residence	51	47	49	No	No
SR16064	38.2907	-121.42403	Residence	51	47	47	No	No
SR16069	38.28995	-121.44765	Residence	51	47	71	Yes	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR16070	38.28992	-121.44817	Residence	51	47	70	Yes	Yes
SR16081	38.32066	-121.4345	Residence	51	47	47	No	No
SR16084	38.32708	-121.44684	Residence	51	47	53	No	Yes
SR16087	38.32513	-121.44861	Residence	51	47	59	No	Yes
SR16091	38.32787	-121.44411	Residence	51	47	49	No	No
SR16092	38.32707	-121.44354	Residence	51	47	50	No	No
SR16094	38.32516	-121.43773	Residence	51	47	46	No	No
SR16098	38.32478	-121.43868	Residence	51	47	50	No	No
SR16100	38.32327	-121.44541	Residence	51	47	62	Yes	Yes
SR16115	38.32225	-121.43733	Residence	51	47	49	No	No
SR16116	38.32185	-121.43996	Residence	51	47	52	No	Yes
SR16117	38.32297	-121.4322	Residence	51	47	45	No	No
SR16123	38.31868	-121.43801	Residence	51	47	48	No	No
SR16124	38.31866	-121.43759	Residence	51	47	48	No	No
SR16125	38.32943	-121.44666	Residence	51	47	48	No	No
SR16126	38.32822	-121.44669	Residence	51	47	50	No	No
SR16128	38.32935	-121.44409	Residence	51	47	47	No	No
SR16132	38.32729	-121.44391	Residence	51	47	50	No	No
SR18201	38.32361	-121.46393	Residence	51	47	46	No	No
SR18202	38.32277	-121.46385	Residence	51	47	46	No	No
SR18203	38.32134	-121.46369	Residence	51	47	47	No	No
SR18213	38.30326	-121.47375	Residence	51	47	49	No	No
SR18214	38.30287	-121.47381	Residence	51	47	49	No	No
SR18298	38.30214	-121.47029	Residence	51	47	52	No	Yes
SR18299	38.30158	-121.46939	Residence	51	47	53	No	Yes
SR18670	38.32432	-121.46393	Residence	51	47	46	No	No
SR15971	38.31995	-121.46971	Residence	51	47	45	No	No
SR16014	38.32849	-121.45862	Residence	51	47	45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR16018	38.32516	-121.46309	Residence	51	47	46	No	No
SR16019	38.32449	-121.46233	Residence	51	47	47	No	No
SR16027	38.32439	-121.46397	Residence	51	47	46	No	No
SR16033	38.32267	-121.45649	Residence	51	47	54	No	Yes
SR16034	38.31483	-121.46646	Residence	51	47	49	No	No
SR16046	38.29835	-121.43929	Residence	51	47	62	Yes	Yes
SR16047	38.29867	-121.43921	Residence	51	47	62	Yes	Yes
SR16055	38.2873	-121.43432	Residence	51	47	52	No	Yes
SR16056	38.28939	-121.42834	Residence	51	47	49	No	No
SR16057	38.2893	-121.42906	Residence	51	47	49	No	No
SR16064	38.2907	-121.42403	Residence	51	47	47	No	No
SR16069	38.28995	-121.44765	Residence	51	47	71	Yes	Yes
SR16070	38.28992	-121.44817	Residence	51	47	70	Yes	Yes
SR16081	38.32066	-121.4345	Residence	51	47	47	No	No
SR16084	38.32708	-121.44684	Residence	51	47	53	No	Yes
SR16087	38.32513	-121.44861	Residence	51	47	59	No	Yes
SR16091	38.32787	-121.44411	Residence	51	47	49	No	No
SR16092	38.32707	-121.44354	Residence	51	47	50	No	No
SR16094	38.32516	-121.43773	Residence	51	47	46	No	No
SR16098	38.32478	-121.43868	Residence	51	47	50	No	No
SR16100	38.32327	-121.44541	Residence	51	47	62	Yes	Yes
SR16115	38.32225	-121.43733	Residence	51	47	49	No	No
SR16116	38.32185	-121.43996	Residence	51	47	52	No	Yes
SR16117	38.32297	-121.4322	Residence	51	47	45	No	No
SR16123	38.31868	-121.43801	Residence	51	47	48	No	No
SR16124	38.31866	-121.43759	Residence	51	47	48	No	No
SR16125	38.32943	-121.44666	Residence	51	47	48	No	No
SR16126	38.32822	-121.44669	Residence	51	47	50	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR16128	38.32935	-121.44409	Residence	51	47	47	No	No
SR16132	38.32729	-121.44391	Residence	51	47	50	No	No
SR18201	38.32361	-121.46393	Residence	51	47	46	No	No
SR18202	38.32277	-121.46385	Residence	51	47	46	No	No
SR18203	38.32134	-121.46369	Residence	51	47	47	No	No
SR18213	38.30326	-121.47375	Residence	51	47	49	No	No
SR18214	38.30287	-121.47381	Residence	51	47	49	No	No
SR18298	38.30214	-121.47029	Residence	51	47	52	No	Yes
SR18299	38.30158	-121.46939	Residence	51	47	53	No	Yes
SR18670	38.32432	-121.46393	Residence	51	47	46	No	No
SR15971	38.31995	-121.46971	Residence	51	47	45	No	No
SR16014	38.32849	-121.45862	Residence	51	47	45	No	No
SR16018	38.32516	-121.46309	Residence	51	47	46	No	No
SR16019	38.32449	-121.46233	Residence	51	47	47	No	No
SR16027	38.32439	-121.46397	Residence	51	47	46	No	No
SR16033	38.32267	-121.45649	Residence	51	47	54	No	Yes
SR16034	38.31483	-121.46646	Residence	51	47	49	No	No
SR16046	38.29835	-121.43929	Residence	51	47	62	Yes	Yes
SR16047	38.29867	-121.43921	Residence	51	47	62	Yes	Yes
SR16055	38.2873	-121.43432	Residence	51	47	52	No	Yes
SR16056	38.28939	-121.42834	Residence	51	47	49	No	No
SR16057	38.2893	-121.42906	Residence	51	47	49	No	No
SR16064	38.2907	-121.42403	Residence	51	47	47	No	No
SR16069	38.28995	-121.44765	Residence	51	47	71	Yes	Yes
SR16070	38.28992	-121.44817	Residence	51	47	70	Yes	Yes
SR16081	38.32066	-121.4345	Residence	51	47	47	No	No
SR16084	38.32708	-121.44684	Residence	51	47	53	No	Yes
SR16087	38.32513	-121.44861	Residence	51	47	59	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR16091	38.32787	-121.44411	Residence	51	47	49	No	No
SR16092	38.32707	-121.44354	Residence	51	47	50	No	No
SR16094	38.32516	-121.43773	Residence	51	47	46	No	No
SR16098	38.32478	-121.43868	Residence	51	47	50	No	No
SR16100	38.32327	-121.44541	Residence	51	47	62	Yes	Yes
SR16115	38.32225	-121.43733	Residence	51	47	49	No	No
SR16116	38.32185	-121.43996	Residence	51	47	52	No	Yes
SR16117	38.32297	-121.4322	Residence	51	47	45	No	No
SR16123	38.31868	-121.43801	Residence	51	47	48	No	No
SR16124	38.31866	-121.43759	Residence	51	47	48	No	No
SR16125	38.32943	-121.44666	Residence	51	47	48	No	No
SR16126	38.32822	-121.44669	Residence	51	47	50	No	No
SR16128	38.32935	-121.44409	Residence	51	47	47	No	No
SR16132	38.32729	-121.44391	Residence	51	47	50	No	No
SR18201	38.32361	-121.46393	Residence	51	47	46	No	No
SR18202	38.32277	-121.46385	Residence	51	47	46	No	No
SR18203	38.32134	-121.46369	Residence	51	47	47	No	No
SR18213	38.30326	-121.47375	Residence	51	47	49	No	No
SR18214	38.30287	-121.47381	Residence	51	47	49	No	No
SR18298	38.30214	-121.47029	Residence	51	47	52	No	Yes
SR18299	38.30158	-121.46939	Residence	51	47	53	No	Yes
SR18670	38.32432	-121.46393	Residence	51	47	46	No	No
Total Exceedances							5	12

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-5. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Southern Complex and South Delta Facilities, 3,000, 4,500 and 6,000 cfs Options

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR8952	37.89055	-121.59849	Residence	44	38	45	<45	No	No	No
SR8953	37.89055	-121.59835	Residence	44	38	45	<45	No	No	No
SR8954	37.89056	-121.59821	Residence	44	38	45	<45	No	No	No
SR8955	37.89055	-121.59806	Residence	44	38	45	<45	No	No	No
SR8956	37.89053	-121.59792	Residence	44	38	45	45	No	No	No
SR8957	37.89054	-121.5978	Residence	44	38	45	45	No	No	No
SR8958	37.89054	-121.59767	Residence	44	38	45	45	No	No	No
SR8959	37.89054	-121.59751	Residence	44	38	45	45	No	No	No
SR8960	37.89054	-121.59737	Residence	44	38	45	45	No	No	No
SR8961	37.89054	-121.59724	Residence	44	38	45	45	No	No	No
SR8962	37.89054	-121.59709	Residence	44	38	45	45	No	No	No
SR9121	37.88162	-121.61317	Residence	44	38	47	52	No	No	Yes
SR9470	37.87078	-121.62087	Residence	44	38	48	50	No	No	Yes
SR9663	37.86974	-121.62696	Residence	44	38	45	<45	No	No	No
SR9664	37.87015	-121.62703	Residence	44	38	45	<45	No	No	No
SR9665	37.86991	-121.62561	Residence	44	38	46	<45	No	No	No
SR9666	37.86993	-121.62531	Residence	44	38	46	<45	No	No	No
SR9667	37.87013	-121.62441	Residence	44	38	46	<45	No	No	No
SR9668	37.86908	-121.62442	Residence	44	38	46	<45	No	No	No
SR9669	37.8693	-121.62552	Residence	44	38	46	<45	No	No	No
SR9670	37.86785	-121.62404	Residence	44	38	47	48	No	No	No
SR9671	37.86791	-121.62464	Residence	44	38	47	<45	No	No	No
SR9672	37.86788	-121.62516	Residence	44	38	46	<45	No	No	No
SR9673	37.86778	-121.62568	Residence	44	38	46	<45	No	No	No
SR9674	37.86772	-121.62622	Residence	44	38	46	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR9675	37.86772	-121.62695	Residence	44	38	45	<45	No	No	No
SR9676	37.86773	-121.6274	Residence	44	38	45	<45	No	No	No
SR9700	37.86833	-121.62221	Residence	44	38	48	49	No	No	No
SR9701	37.86788	-121.6205	Residence	44	38	49	51	No	No	Yes
SR9702	37.86692	-121.6212	Residence	44	38	48	50	No	No	Yes
SR9703	37.86692	-121.6215	Residence	44	38	48	50	No	No	Yes
SR9709	37.86814	-121.62032	Residence	44	38	49	51	No	No	Yes
SR14472	37.85958	-121.5685	Residence	44	38	55	47	No	No	No
SR14473	37.85937	-121.5685	Residence	44	38	55	47	No	No	No
SR14487	37.85841	-121.62991	Residence	44	38	45	<45	No	No	No
SR14489	37.85785	-121.5698	Residence	44	38	56	48	No	No	No
SR14490	37.85796	-121.5701	Residence	44	38	57	48	No	No	No
SR14495	37.85759	-121.56942	Residence	44	38	56	48	No	No	No
SR14496	37.85806	-121.56958	Residence	44	38	56	48	No	No	No
SR14497	37.858	-121.56713	Residence	44	38	54	47	No	No	No
SR14498	37.85744	-121.56798	Residence	44	38	55	47	No	No	No
SR14499	37.85734	-121.56828	Residence	44	38	55	47	No	No	No
SR14500	37.85734	-121.56852	Residence	44	38	55	47	No	No	No
SR14501	37.85745	-121.56882	Residence	44	38	56	48	No	No	No
SR14502	37.85749	-121.5692	Residence	44	38	56	48	No	No	No
SR14503	37.85771	-121.56916	Residence	44	38	56	47	No	No	No
SR14504	37.85765	-121.56904	Residence	44	38	56	48	No	No	No
SR14505	37.85766	-121.56891	Residence	44	38	56	48	No	No	No
SR14506	37.85759	-121.56815	Residence	44	38	55	47	No	No	No
SR14507	37.85785	-121.5678	Residence	44	38	55	46	No	No	No
SR14508	37.85827	-121.56762	Residence	44	38	55	46	No	No	No
SR14509	37.85837	-121.56735	Residence	44	38	54	46	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR14510	37.85822	-121.56725	Residence	44	38	54	47	No	No	No
SR14511	37.85822	-121.56725	Residence	44	38	54	47	No	No	No
SR14512	37.8581	-121.56924	Residence	44	38	56	48	No	No	No
SR14513	37.85827	-121.56903	Residence	44	38	56	48	No	No	No
SR14514	37.85838	-121.56894	Residence	44	38	56	48	No	No	No
SR14515	37.85848	-121.56884	Residence	44	38	56	48	No	No	No
SR14516	37.85847	-121.56912	Residence	44	38	56	48	No	No	No
SR14517	37.8586	-121.56899	Residence	44	38	56	48	No	No	No
SR14518	37.85868	-121.56888	Residence	44	38	56	48	No	No	No
SR14519	37.85874	-121.56857	Residence	44	38	55	47	No	No	No
SR14520	37.85895	-121.56866	Residence	44	38	55	48	No	No	No
SR14521	37.85909	-121.56858	Residence	44	38	55	47	No	No	No
SR14522	37.8589	-121.56835	Residence	44	38	55	47	No	No	No
SR14523	37.85898	-121.5682	Residence	44	38	55	46	No	No	No
SR14524	37.85887	-121.56814	Residence	44	38	55	46	No	No	No
SR14525	37.85876	-121.56798	Residence	44	38	55	46	No	No	No
SR14562	37.85823	-121.56911	Residence	44	38	56	48	No	No	No
SR14563	37.85844	-121.56746	Residence	44	38	54	46	No	No	No
SR14564	37.8586	-121.56869	Residence	44	38	55	46	No	No	No
SR14572	37.85097	-121.62866	Residence	44	38	46	<45	No	No	No
SR14630	37.8363	-121.62646	Residence	44	38	48	<45	No	No	No
SR14643	37.83751	-121.60053	Residence	44	38	65	57	Yes	No	Yes
SR14648	37.83589	-121.60292	Residence	44	38	61	55	Yes	No	Yes
SR14776	37.81309	-121.58062	Residence	44	38	54	48	No	No	No
SR15025	37.79647	-121.5905	Residence	44	38	47	<45	No	No	No
SR15026	37.79623	-121.59067	Residence	44	38	47	<45	No	No	No
SR15027	37.79595	-121.59064	Residence	44	38	47	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 52 dBA 1-hour L_{eq}
SR15028	37.79454	-121.58991	Residence	44	38	46	<45	No	No	No
SR15029	37.79453	-121.58946	Residence	44	38	46	<45	No	No	No
SR15030	37.79455	-121.58726	Residence	44	38	46	<45	No	No	No
SR15031	37.79456	-121.58679	Residence	44	38	46	<45	No	No	No
SR15099	37.7943	-121.58676	Residence	44	38	46	<45	No	No	No
SR15100	37.79423	-121.58724	Residence	44	38	46	<45	No	No	No
SR15101	37.79441	-121.58765	Residence	44	38	46	<45	No	No	No
SR15102	37.79424	-121.58944	Residence	44	38	46	<45	No	No	No
SR18097	37.86165	-121.58235	Residence	44	38	73	59	Yes	No	Yes
SR19988	37.87554	-121.57684	Residence	44	38	53	52	No	No	Yes
SR20458	37.89052	-121.59492	Residence	44	38	46	45	No	No	No
SR20459	37.89054	-121.59478	Residence	44	38	46	45	No	No	No
SR20460	37.89053	-121.59462	Residence	44	38	46	45	No	No	No
SR20503	37.89054	-121.59505	Residence	44	38	46	45	No	No	No
Total Exceedances								3	0	10

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-6. Predicted Sound Levels for Pile Drivers and Heavy Equipment, Southern Complex and South Delta Facilities, 7,500 cfs Options

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR9121	37.88162	-121.61317	Residence	44	38	47	52	No	No	Yes
SR9470	37.87078	-121.62087	Residence	44	38	48	50	No	No	Yes
SR9670	37.86785	-121.62404	Residence	44	38	47	48	No	No	No
SR9700	37.86833	-121.62221	Residence	44	38	48	49	No	No	No
SR9701	37.86788	-121.6205	Residence	44	38	49	51	No	No	Yes
SR9702	37.86692	-121.6212	Residence	44	38	48	50	No	No	Yes
SR9703	37.86692	-121.6215	Residence	44	38	48	50	No	No	Yes
SR9709	37.86814	-121.62032	Residence	44	38	49	51	No	No	Yes
SR11229	37.78783	-121.57802	Residence	44	38	54	<45	No	No	No
SR12426	37.7787	-121.57832	Residence	44	38	45	<45	No	No	No
SR12427	37.77846	-121.57715	Residence	44	38	45	<45	No	No	No
SR14472	37.85958	-121.5685	Residence	44	38	55	47	No	No	No
SR14473	37.85937	-121.5685	Residence	44	38	55	47	No	No	No
SR14489	37.85785	-121.5698	Residence	44	38	56	48	No	No	No
SR14490	37.85796	-121.5701	Residence	44	38	57	48	No	No	No
SR14495	37.85759	-121.56942	Residence	44	38	56	48	No	No	No
SR14496	37.85806	-121.56958	Residence	44	38	56	48	No	No	No
SR14497	37.858	-121.56713	Residence	44	38	54	47	No	No	No
SR14498	37.85744	-121.56798	Residence	44	38	55	47	No	No	No
SR14499	37.85734	-121.56828	Residence	44	38	55	47	No	No	No
SR14500	37.85734	-121.56852	Residence	44	38	55	47	No	No	No
SR14501	37.85745	-121.56882	Residence	44	38	56	48	No	No	No
SR14502	37.85749	-121.5692	Residence	44	38	56	48	No	No	No
SR14503	37.85771	-121.56916	Residence	44	38	56	47	No	No	No
SR14504	37.85765	-121.56904	Residence	44	38	56	48	No	No	No
SR14505	37.85766	-121.56891	Residence	44	38	56	48	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR14506	37.85759	-121.56815	Residence	44	38	55	47	No	No	No
SR14507	37.85785	-121.5678	Residence	44	38	55	46	No	No	No
SR14508	37.85827	-121.56762	Residence	44	38	55	46	No	No	No
SR14509	37.85837	-121.56735	Residence	44	38	54	46	No	No	No
SR14510	37.85822	-121.56725	Residence	44	38	54	47	No	No	No
SR14511	37.85822	-121.56725	Residence	44	38	54	47	No	No	No
SR14512	37.8581	-121.56924	Residence	44	38	56	48	No	No	No
SR14513	37.85827	-121.56903	Residence	44	38	56	48	No	No	No
SR14514	37.85838	-121.56894	Residence	44	38	56	48	No	No	No
SR14515	37.85848	-121.56884	Residence	44	38	56	48	No	No	No
SR14516	37.85847	-121.56912	Residence	44	38	56	48	No	No	No
SR14517	37.8586	-121.56899	Residence	44	38	56	48	No	No	No
SR14518	37.85868	-121.56888	Residence	44	38	56	48	No	No	No
SR14519	37.85874	-121.56857	Residence	44	38	55	47	No	No	No
SR14520	37.85895	-121.56866	Residence	44	38	55	48	No	No	No
SR14521	37.85909	-121.56858	Residence	44	38	55	47	No	No	No
SR14522	37.8589	-121.56835	Residence	44	38	55	47	No	No	No
SR14523	37.85898	-121.5682	Residence	44	38	55	46	No	No	No
SR14524	37.85887	-121.56814	Residence	44	38	55	46	No	No	No
SR14525	37.85876	-121.56798	Residence	44	38	55	46	No	No	No
SR14562	37.85823	-121.56911	Residence	44	38	56	48	No	No	No
SR14563	37.85844	-121.56746	Residence	44	38	54	46	No	No	No
SR14564	37.8586	-121.56869	Residence	44	38	55	46	No	No	No
SR14643	37.83751	-121.60053	Residence	44	38	65	57	Yes	No	Yes
SR14648	37.83589	-121.60292	Residence	44	38	61	55	Yes	No	Yes
SR14748	37.81638	-121.5571	Residence	44	38	51	<45	No	No	No
SR14749	37.81659	-121.55718	Residence	44	38	51	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR14750	37.8166	-121.55737	Residence	44	38	51	<45	No	No	No
SR14751	37.81596	-121.55741	Residence	44	38	51	<45	No	No	No
SR14752	37.81633	-121.55759	Residence	44	38	51	48	No	No	No
SR14753	37.81612	-121.55785	Residence	44	38	52	<45	No	No	No
SR14776	37.81309	-121.58062	Residence	44	38	69	<45	Yes	No	No
SR14793	37.8126	-121.55902	Residence	44	38	53	<45	No	No	No
SR14794	37.8125	-121.55902	Residence	44	38	53	<45	No	No	No
SR14795	37.81239	-121.5593	Residence	44	38	53	<45	No	No	No
SR14796	37.81228	-121.55935	Residence	44	38	53	<45	No	No	No
SR14797	37.81223	-121.55902	Residence	44	38	53	<45	No	No	No
SR14798	37.81239	-121.55902	Residence	44	38	53	<45	No	No	No
SR14799	37.8125	-121.55926	Residence	44	38	53	<45	No	No	No
SR14800	37.8126	-121.5592	Residence	44	38	53	<45	No	No	No
SR14801	37.81219	-121.55935	Residence	44	38	53	<45	No	No	No
SR14802	37.81561	-121.55803	Residence	44	38	52	<45	No	No	No
SR14822	37.81571	-121.55804	Residence	44	38	52	<45	No	No	No
SR14823	37.81544	-121.55802	Residence	44	38	52	<45	No	No	No
SR14824	37.81568	-121.55773	Residence	44	38	52	<45	No	No	No
SR14825	37.8156	-121.55788	Residence	44	38	52	<45	No	No	No
SR14829	37.81534	-121.55827	Residence	44	38	52	<45	No	No	No
SR14830	37.81551	-121.55818	Residence	44	38	52	<45	No	No	No
SR14831	37.8135	-121.55062	Residence	44	38	49	<45	No	No	No
SR14832	37.81363	-121.55091	Residence	44	38	49	<45	No	No	No
SR14833	37.81407	-121.55173	Residence	44	38	49	<45	No	No	No
SR14834	37.81483	-121.55322	Residence	44	38	50	<45	No	No	No
SR14835	37.81508	-121.55379	Residence	44	38	50	<45	No	No	No
SR14836	37.81526	-121.55415	Residence	44	38	50	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR14837	37.81526	-121.55473	Residence	44	38	50	<45	No	No	No
SR14838	37.8154	-121.55516	Residence	44	38	50	<45	No	No	No
SR14839	37.81528	-121.55539	Residence	44	38	51	<45	No	No	No
SR14840	37.8157	-121.55611	Residence	44	38	51	<45	No	No	No
SR14841	37.81553	-121.55606	Residence	44	38	51	<45	No	No	No
SR14842	37.81556	-121.55542	Residence	44	38	51	<45	No	No	No
SR14843	37.81559	-121.55466	Residence	44	38	50	<45	No	No	No
SR14864	37.81417	-121.55191	Residence	44	38	49	<45	No	No	No
SR14865	37.81521	-121.55438	Residence	44	38	50	<45	No	No	No
SR14866	37.81325	-121.55005	Residence	44	38	48	<45	No	No	No
SR14867	37.81307	-121.54994	Residence	44	38	48	<45	No	No	No
SR14906	37.81205	-121.55937	Residence	44	38	53	<45	No	No	No
SR14907	37.81205	-121.55937	Residence	44	38	53	<45	No	No	No
SR14908	37.81192	-121.55935	Residence	44	38	53	<45	No	No	No
SR14909	37.81183	-121.55933	Residence	44	38	53	<45	No	No	No
SR14910	37.81171	-121.55929	Residence	44	38	53	<45	No	No	No
SR14911	37.8115	-121.55936	Residence	44	38	54	<45	No	No	No
SR14912	37.81136	-121.55938	Residence	44	38	54	<45	No	No	No
SR14913	37.81123	-121.55934	Residence	44	38	54	<45	No	No	No
SR14914	37.81094	-121.55938	Residence	44	38	54	<45	No	No	No
SR14915	37.81074	-121.55948	Residence	44	38	54	<45	No	No	No
SR14916	37.81058	-121.55947	Residence	44	38	54	<45	No	No	No
SR14917	37.81022	-121.55916	Residence	44	38	54	<45	No	No	No
SR14918	37.81038	-121.55907	Residence	44	38	54	<45	No	No	No
SR14919	37.81102	-121.559	Residence	44	38	53	<45	No	No	No
SR14920	37.81124	-121.55899	Residence	44	38	53	<45	No	No	No
SR14921	37.81136	-121.55898	Residence	44	38	53	<45	No	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment, Average Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Noise Level, dBA 1-hour L_{eq}	Pile Drivers and Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR14922	37.81148	-121.55897	Residence	44	38	53	<45	No	No	No
SR14923	37.81162	-121.55896	Residence	44	38	53	<45	No	No	No
SR14924	37.81179	-121.55898	Residence	44	38	53	<45	No	No	No
SR14925	37.81195	-121.55901	Residence	44	38	53	<45	No	No	No
SR14949	37.80794	-121.5617	Residence	44	38	56	<45	No	No	No
SR15025	37.79647	-121.5905	Residence	44	38	57	<45	No	No	No
SR15026	37.79623	-121.59067	Residence	44	38	56	<45	No	No	No
SR15027	37.79595	-121.59064	Residence	44	38	56	<45	No	No	No
SR15028	37.79454	-121.58991	Residence	44	38	56	<45	No	No	No
SR15029	37.79453	-121.58946	Residence	44	38	56	<45	No	No	No
SR15030	37.79455	-121.58726	Residence	44	38	57	<45	No	No	No
SR15031	37.79456	-121.58679	Residence	44	38	57	<45	No	No	No
SR15099	37.7943	-121.58676	Residence	44	38	57	<45	No	No	No
SR15100	37.79423	-121.58724	Residence	44	38	57	<45	No	No	No
SR15101	37.79441	-121.58765	Residence	44	38	57	59	No	No	Yes
SR15102	37.79424	-121.58944	Residence	44	38	56	<45	No	No	No
SR18097	37.86165	-121.58235	Residence	44	38	73	59	Yes	No	Yes
SR19988	37.87554	-121.57684	Residence	44	38	53	52	No	No	Yes
Total Exceedances								4	0	11

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-7. Predicted Sound Levels for Heavy Equipment, Tunnel Shafts, Levee Improvements and RTM Stockpile, Central Alignment

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR1338	37.94684	-121.53536	Residence	44	46	48	48	No	No
SR1339	37.94716	-121.5355	Residence	44	46	49	49	No	No
SR15733	38.02369	-121.53415	Residence	44	46	49	49	No	No
SR15734	38.0233	-121.53386	Residence	44	46	48	48	No	No
SR15735	38.02335	-121.53312	Residence	44	46	48	48	No	No
SR15753	38.246	-121.47784	Residence	44	46	58	58	No	Yes
SR15758	38.24841	-121.47655	Residence	44	46	54	54	No	Yes
SR15759	38.23816	-121.48601	Residence	44	46	58	58	No	Yes
SR15765	38.23135	-121.46739	Residence	44	46	50	50	No	Yes
SR15766	38.23043	-121.46739	Residence	44	46	49	49	No	No
SR15767	38.22951	-121.4673	Residence	44	46	49	49	No	No
SR15769	38.22832	-121.46617	Residence	44	46	47	47	No	No
SR15772	38.22849	-121.46722	Residence	44	46	48	48	No	No
SR15773	38.22909	-121.4672	Residence	44	46	48	48	No	No
SR15776	38.22809	-121.46721	Residence	44	46	48	48	No	No
SR15779	38.22692	-121.46742	Residence	44	46	47	47	No	No
SR15784	38.22581	-121.46743	Residence	44	46	46	46	No	No
SR15787	38.22548	-121.46941	Residence	44	46	46	46	No	No
SR15809	38.19253	-121.5067	Residence	44	46	50	50	No	Yes
SR17053	38.08321	-121.55655	Residence	44	46	61	<45	Yes	No
SR17104	38.09919	-121.56842	Residence	44	46	58	<45	No	No
SR17105	38.09898	-121.56836	Residence	44	46	58	<45	No	No
SR17123	38.09839	-121.56804	Residence	44	46	60	<45	Yes	No
SR17124	38.0982	-121.56826	Residence	44	46	60	<45	Yes	No
SR17142	38.098	-121.5685	Residence	44	46	60	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17143	38.09798	-121.56953	Residence	44	46	59	<45	No	No
SR17144	38.09805	-121.56964	Residence	44	46	59	<45	No	No
SR17150	38.10594	-121.57216	Residence	44	46	51	<45	No	No
SR17151	38.10589	-121.57222	Residence	44	46	51	<45	No	No
SR17152	38.10582	-121.57227	Residence	44	46	51	<45	No	No
SR17153	38.10567	-121.5724	Residence	44	46	51	<45	No	No
SR17154	38.1056	-121.57245	Residence	44	46	51	<45	No	No
SR17155	38.10553	-121.57256	Residence	44	46	51	<45	No	No
SR17156	38.10546	-121.57265	Residence	44	46	51	<45	No	No
SR17157	38.10538	-121.57269	Residence	44	46	51	<45	No	No
SR17158	38.10569	-121.57209	Residence	44	46	51	<45	No	No
SR17159	38.10564	-121.572	Residence	44	46	51	<45	No	No
SR17160	38.10552	-121.57185	Residence	44	46	51	<45	No	No
SR17161	38.10536	-121.57161	Residence	44	46	52	<45	No	No
SR17162	38.10543	-121.5717	Residence	44	46	52	<45	No	No
SR17165	38.1057	-121.57185	Residence	44	46	51	<45	No	No
SR17166	38.10566	-121.57175	Residence	44	46	52	<45	No	No
SR17167	38.10561	-121.57167	Residence	44	46	52	<45	No	No
SR17168	38.10522	-121.57184	Residence	44	46	52	<45	No	No
SR17169	38.10517	-121.57166	Residence	44	46	52	<45	No	No
SR17170	38.10511	-121.57157	Residence	44	46	52	<45	No	No
SR17171	38.10498	-121.57146	Residence	44	46	52	<45	No	No
SR17172	38.10551	-121.57229	Residence	44	46	51	<45	No	No
SR17177	38.10481	-121.57162	Residence	44	46	52	<45	No	No
SR17178	38.10478	-121.57153	Residence	44	46	52	<45	No	No
SR17179	38.1047	-121.57178	Residence	44	46	52	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17180	38.10474	-121.57191	Residence	44	46	52	<45	No	No
SR17181	38.10519	-121.57232	Residence	44	46	51	<45	No	No
SR17182	38.10514	-121.57221	Residence	44	46	51	<45	No	No
SR17183	38.10508	-121.57212	Residence	44	46	51	<45	No	No
SR17187	38.10403	-121.57066	Residence	44	46	53	<45	No	No
SR17188	38.10417	-121.57062	Residence	44	46	53	<45	No	No
SR17189	38.10417	-121.57042	Residence	44	46	53	<45	No	No
SR17190	38.10428	-121.57032	Residence	44	46	53	<45	No	No
SR17191	38.10398	-121.57025	Residence	44	46	53	<45	No	No
SR17192	38.1039	-121.57031	Residence	44	46	53	<45	No	No
SR17193	38.10385	-121.57044	Residence	44	46	53	<45	No	No
SR17194	38.10402	-121.56994	Residence	44	46	54	<45	No	No
SR17195	38.10396	-121.57004	Residence	44	46	53	<45	No	No
SR17196	38.10389	-121.57015	Residence	44	46	53	<45	No	No
SR17197	38.10382	-121.57024	Residence	44	46	53	<45	No	No
SR17198	38.10375	-121.57034	Residence	44	46	53	<45	No	No
SR17199	38.10344	-121.57029	Residence	44	46	53	<45	No	No
SR17200	38.10354	-121.57022	Residence	44	46	54	<45	No	No
SR17201	38.10362	-121.57014	Residence	44	46	54	<45	No	No
SR17207	38.10359	-121.57065	Residence	44	46	53	<45	No	No
SR17208	38.10364	-121.57063	Residence	44	46	53	<45	No	No
SR17209	38.1037	-121.57058	Residence	44	46	53	<45	No	No
SR17210	38.10339	-121.57074	Residence	44	46	53	<45	No	No
SR17211	38.10289	-121.57097	Residence	44	46	53	<45	No	No
SR17212	38.10295	-121.5708	Residence	44	46	53	<45	No	No
SR17213	38.10309	-121.57072	Residence	44	46	53	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17214	38.10313	-121.5707	Residence	44	46	53	<45	No	No
SR17216	38.1047	-121.57252	Residence	44	46	51	<45	No	No
SR17217	38.1048	-121.57262	Residence	44	46	51	<45	No	No
SR17218	38.10469	-121.57267	Residence	44	46	51	<45	No	No
SR17219	38.10431	-121.57267	Residence	44	46	51	<45	No	No
SR17224	38.10262	-121.57931	Residence	44	46	48	<45	No	No
SR17225	38.10278	-121.58062	Residence	44	46	48	<45	No	No
SR17226	38.103	-121.5823	Residence	44	46	47	<45	No	No
SR17227	38.10307	-121.58272	Residence	44	46	47	<45	No	No
SR17228	38.10331	-121.58385	Residence	44	46	46	<45	No	No
SR17229	38.10328	-121.58477	Residence	44	46	46	<45	No	No
SR17230	38.10592	-121.57724	Residence	44	46	48	<45	No	No
SR17231	38.10589	-121.57709	Residence	44	46	48	<45	No	No
SR17232	38.1059	-121.57694	Residence	44	46	48	<45	No	No
SR17233	38.10581	-121.57678	Residence	44	46	48	<45	No	No
SR17234	38.10579	-121.57664	Residence	44	46	48	<45	No	No
SR17235	38.10596	-121.57641	Residence	44	46	48	<45	No	No
SR17236	38.10607	-121.57633	Residence	44	46	48	<45	No	No
SR17237	38.1062	-121.57621	Residence	44	46	48	<45	No	No
SR17238	38.10634	-121.57606	Residence	44	46	49	<45	No	No
SR17239	38.10644	-121.57618	Residence	44	46	48	<45	No	No
SR17240	38.10654	-121.57628	Residence	44	46	48	<45	No	No
SR17241	38.1062	-121.57706	Residence	44	46	48	<45	No	No
SR17242	38.10633	-121.57701	Residence	44	46	48	<45	No	No
SR17243	38.10649	-121.57698	Residence	44	46	48	<45	No	No
SR17244	38.10666	-121.57681	Residence	44	46	48	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17245	38.10675	-121.57644	Residence	44	46	48	<45	No	No
SR17246	38.10679	-121.57664	Residence	44	46	48	<45	No	No
SR17247	38.10664	-121.57609	Residence	44	46	48	<45	No	No
SR17248	38.10676	-121.57598	Residence	44	46	48	<45	No	No
SR17249	38.10689	-121.5763	Residence	44	46	48	<45	No	No
SR17250	38.10695	-121.57644	Residence	44	46	48	<45	No	No
SR17251	38.107	-121.57657	Residence	44	46	48	<45	No	No
SR17252	38.10705	-121.57674	Residence	44	46	48	<45	No	No
SR17253	38.10716	-121.57614	Residence	44	46	48	<45	No	No
SR17254	38.10721	-121.57634	Residence	44	46	48	<45	No	No
SR17255	38.10761	-121.57623	Residence	44	46	48	<45	No	No
SR17256	38.10749	-121.57654	Residence	44	46	48	<45	No	No
SR17257	38.10769	-121.57647	Residence	44	46	48	<45	No	No
SR17267	38.10579	-121.57619	Residence	44	46	49	<45	No	No
SR17268	38.10584	-121.57613	Residence	44	46	49	<45	No	No
SR17269	38.10595	-121.57608	Residence	44	46	49	<45	No	No
SR17270	38.10603	-121.57603	Residence	44	46	49	<45	No	No
SR17271	38.10619	-121.57593	Residence	44	46	49	<45	No	No
SR17272	38.10685	-121.57554	Residence	44	46	49	<45	No	No
SR17273	38.10692	-121.57555	Residence	44	46	49	<45	No	No
SR17274	38.10713	-121.57538	Residence	44	46	49	<45	No	No
SR17275	38.10718	-121.57532	Residence	44	46	49	<45	No	No
SR17276	38.10717	-121.57508	Residence	44	46	49	<45	No	No
SR17277	38.10706	-121.57515	Residence	44	46	49	<45	No	No
SR17278	38.10685	-121.57524	Residence	44	46	49	<45	No	No
SR17279	38.10679	-121.57527	Residence	44	46	49	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17280	38.1067	-121.57529	Residence	44	46	49	<45	No	No
SR17281	38.10643	-121.57548	Residence	44	46	49	<45	No	No
SR17282	38.10637	-121.57553	Residence	44	46	49	<45	No	No
SR17283	38.1063	-121.57556	Residence	44	46	49	<45	No	No
SR17284	38.10623	-121.57562	Residence	44	46	49	<45	No	No
SR17285	38.10616	-121.57564	Residence	44	46	49	<45	No	No
SR17286	38.10606	-121.57566	Residence	44	46	49	<45	No	No
SR17287	38.10602	-121.57571	Residence	44	46	49	<45	No	No
SR17288	38.10597	-121.57575	Residence	44	46	49	<45	No	No
SR17289	38.1059	-121.57577	Residence	44	46	49	<45	No	No
SR17290	38.10572	-121.57583	Residence	44	46	49	<45	No	No
SR17291	38.10568	-121.57586	Residence	44	46	49	<45	No	No
SR17328	38.12121	-121.58664	Residence	44	46	52	<45	No	No
SR17332	38.12103	-121.58514	Residence	44	46	54	<45	No	No
SR17347	38.1296	-121.57826	Residence	44	46	52	<45	No	No
SR17348	38.12958	-121.57838	Residence	44	46	52	<45	No	No
SR17349	38.12949	-121.57908	Residence	44	46	52	<45	No	No
SR17350	38.12949	-121.57925	Residence	44	46	52	<45	No	No
SR17351	38.12953	-121.57944	Residence	44	46	52	<45	No	No
SR17352	38.12953	-121.5796	Residence	44	46	52	<45	No	No
SR17353	38.12955	-121.57977	Residence	44	46	52	<45	No	No
SR17354	38.12959	-121.57997	Residence	44	46	52	<45	No	No
SR17355	38.12957	-121.58028	Residence	44	46	52	<45	No	No
SR17356	38.12952	-121.58043	Residence	44	46	52	<45	No	No
SR17357	38.12942	-121.58067	Residence	44	46	52	<45	No	No
SR17358	38.12944	-121.58114	Residence	44	46	52	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17359	38.12915	-121.58074	Residence	44	46	52	<45	No	No
SR17360	38.12916	-121.58062	Residence	44	46	52	<45	No	No
SR17361	38.12916	-121.58049	Residence	44	46	52	<45	No	No
SR17362	38.12916	-121.58036	Residence	44	46	52	<45	No	No
SR17363	38.12918	-121.58022	Residence	44	46	52	<45	No	No
SR17364	38.12918	-121.58008	Residence	44	46	52	<45	No	No
SR17365	38.12916	-121.5798	Residence	44	46	53	<45	No	No
SR17366	38.12909	-121.57985	Residence	44	46	53	<45	No	No
SR17367	38.12902	-121.57988	Residence	44	46	53	<45	No	No
SR17368	38.12894	-121.57993	Residence	44	46	53	<45	No	No
SR17369	38.12906	-121.57963	Residence	44	46	53	<45	No	No
SR17370	38.12864	-121.57953	Residence	44	46	54	<45	No	No
SR17371	38.1288	-121.57932	Residence	44	46	53	<45	No	No
SR17372	38.12888	-121.57921	Residence	44	46	53	<45	No	No
SR17373	38.12894	-121.57913	Residence	44	46	53	<45	No	No
SR17374	38.12902	-121.57902	Residence	44	46	53	<45	No	No
SR17375	38.12875	-121.57943	Residence	44	46	53	<45	No	No
SR17376	38.12895	-121.5795	Residence	44	46	53	<45	No	No
SR17381	38.12835	-121.56299	Residence	44	46	57	<45	No	No
SR17395	38.11621	-121.48615	Residence	44	46	47	<45	No	No
SR17406	38.09229	-121.49194	Residence	44	46	58	<45	No	No
SR17407	38.09207	-121.4921	Residence	44	46	59	<45	No	No
SR17473	38.11611	-121.49662	Residence	44	46	58	<45	No	No
SR17475	38.11475	-121.49282	Residence	44	46	56	<45	No	No
SR17476	38.11458	-121.49283	Residence	44	46	56	<45	No	No
SR17477	38.11438	-121.49276	Residence	44	46	56	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17478	38.11421	-121.49274	Residence	44	46	56	<45	No	No
SR17479	38.11406	-121.49264	Residence	44	46	56	<45	No	No
SR17480	38.1139	-121.49265	Residence	44	46	56	<45	No	No
SR17481	38.11368	-121.49269	Residence	44	46	56	<45	No	No
SR17482	38.11352	-121.49259	Residence	44	46	56	<45	No	No
SR17483	38.11337	-121.49251	Residence	44	46	56	<45	No	No
SR17484	38.11319	-121.49249	Residence	44	46	56	<45	No	No
SR17485	38.11301	-121.49249	Residence	44	46	56	<45	No	No
SR17486	38.11282	-121.49243	Residence	44	46	56	<45	No	No
SR17487	38.1128	-121.49294	Residence	44	46	57	<45	No	No
SR17488	38.11303	-121.49281	Residence	44	46	56	<45	No	No
SR17489	38.11317	-121.49287	Residence	44	46	56	<45	No	No
SR17490	38.11331	-121.4929	Residence	44	46	56	<45	No	No
SR17491	38.11349	-121.49298	Residence	44	46	57	<45	No	No
SR17492	38.11407	-121.49309	Residence	44	46	56	<45	No	No
SR17493	38.11423	-121.49314	Residence	44	46	56	<45	No	No
SR17494	38.11444	-121.49316	Residence	44	46	56	<45	No	No
SR17495	38.11458	-121.49318	Residence	44	46	56	<45	No	No
SR17496	38.1148	-121.49334	Residence	44	46	56	<45	No	No
SR17497	38.1146	-121.49375	Residence	44	46	57	<45	No	No
SR17498	38.11438	-121.49352	Residence	44	46	57	<45	No	No
SR17499	38.11419	-121.49355	Residence	44	46	57	<45	No	No
SR17500	38.11402	-121.49351	Residence	44	46	57	<45	No	No
SR17501	38.11387	-121.49347	Residence	44	46	57	<45	No	No
SR17502	38.11361	-121.4934	Residence	44	46	57	<45	No	No
SR17503	38.11342	-121.49334	Residence	44	46	57	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17504	38.11325	-121.49331	Residence	44	46	57	<45	No	No
SR17505	38.11307	-121.49329	Residence	44	46	57	<45	No	No
SR17506	38.11288	-121.49326	Residence	44	46	57	<45	No	No
SR17507	38.11455	-121.49398	Residence	44	46	57	<45	No	No
SR17508	38.11425	-121.49401	Residence	44	46	58	<45	No	No
SR17509	38.1141	-121.49392	Residence	44	46	58	<45	No	No
SR17510	38.11396	-121.49388	Residence	44	46	58	<45	No	No
SR17511	38.11377	-121.49385	Residence	44	46	58	<45	No	No
SR17512	38.11352	-121.49377	Residence	44	46	58	<45	No	No
SR17513	38.11333	-121.49372	Residence	44	46	58	<45	No	No
SR17514	38.11321	-121.49367	Residence	44	46	58	<45	No	No
SR17515	38.11307	-121.49365	Residence	44	46	58	<45	No	No
SR17516	38.11279	-121.49374	Residence	44	46	58	<45	No	No
SR17517	38.11278	-121.49413	Residence	44	46	58	<45	No	No
SR17518	38.11294	-121.49409	Residence	44	46	58	<45	No	No
SR17519	38.11312	-121.49406	Residence	44	46	58	<45	No	No
SR17520	38.11334	-121.4941	Residence	44	46	58	<45	No	No
SR17521	38.11344	-121.49416	Residence	44	46	58	<45	No	No
SR17522	38.11376	-121.49406	Residence	44	46	58	<45	No	No
SR17523	38.1142	-121.49432	Residence	44	46	58	<45	No	No
SR17524	38.11401	-121.49427	Residence	44	46	58	<45	No	No
SR17525	38.11374	-121.4943	Residence	44	46	58	<45	No	No
SR17526	38.11435	-121.49456	Residence	44	46	58	<45	No	No
SR17527	38.11426	-121.49473	Residence	44	46	59	<45	No	No
SR17528	38.11421	-121.49493	Residence	44	46	59	<45	No	No
SR17529	38.11412	-121.49513	Residence	44	46	60	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17530	38.11409	-121.49534	Residence	44	46	60	<45	Yes	No
SR17531	38.11375	-121.49531	Residence	44	46	60	<45	Yes	No
SR17532	38.1138	-121.49514	Residence	44	46	60	<45	Yes	No
SR17533	38.11388	-121.49496	Residence	44	46	59	<45	No	No
SR17534	38.11397	-121.49472	Residence	44	46	59	<45	No	No
SR17535	38.11359	-121.49474	Residence	44	46	59	<45	No	No
SR17536	38.11356	-121.49493	Residence	44	46	59	<45	No	No
SR17537	38.11351	-121.49512	Residence	44	46	60	<45	Yes	No
SR17538	38.11339	-121.49451	Residence	44	46	59	<45	No	No
SR17539	38.11321	-121.49445	Residence	44	46	59	<45	No	No
SR17540	38.11303	-121.49446	Residence	44	46	59	<45	No	No
SR17541	38.11282	-121.49457	Residence	44	46	59	<45	No	No
SR17542	38.11304	-121.49511	Residence	44	46	60	<45	Yes	No
SR17543	38.11276	-121.49562	Residence	44	46	61	<45	Yes	No
SR17544	38.11304	-121.49567	Residence	44	46	61	<45	Yes	No
SR17545	38.1133	-121.49559	Residence	44	46	61	<45	Yes	No
SR17546	38.11332	-121.49577	Residence	44	46	61	<45	Yes	No
SR17547	38.11331	-121.49598	Residence	44	46	62	<45	Yes	No
SR17548	38.1133	-121.4962	Residence	44	46	62	<45	Yes	No
SR17549	38.11332	-121.49645	Residence	44	46	63	<45	Yes	No
SR17550	38.11311	-121.49655	Residence	44	46	63	<45	Yes	No
SR17551	38.11293	-121.49662	Residence	44	46	63	<45	Yes	No
SR17552	38.11276	-121.49669	Residence	44	46	63	<45	Yes	No
SR17553	38.11272	-121.49637	Residence	44	46	63	<45	Yes	No
SR17554	38.11275	-121.49609	Residence	44	46	62	<45	Yes	No
SR17555	38.11301	-121.49611	Residence	44	46	62	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17556	38.113	-121.49592	Residence	44	46	62	<45	Yes	No
SR17563	38.11245	-121.49608	Residence	44	46	62	<45	Yes	No
SR17564	38.11247	-121.49591	Residence	44	46	61	<45	Yes	No
SR17565	38.11244	-121.49564	Residence	44	46	61	<45	Yes	No
SR17566	38.11214	-121.49567	Residence	44	46	61	<45	Yes	No
SR17567	38.11217	-121.49587	Residence	44	46	61	<45	Yes	No
SR17568	38.11208	-121.49535	Residence	44	46	60	<45	Yes	No
SR17569	38.11216	-121.49506	Residence	44	46	60	<45	Yes	No
SR17570	38.11187	-121.49617	Residence	44	46	61	<45	Yes	No
SR17571	38.11183	-121.49597	Residence	44	46	61	<45	Yes	No
SR17572	38.11183	-121.49574	Residence	44	46	61	<45	Yes	No
SR17573	38.11179	-121.49539	Residence	44	46	60	<45	Yes	No
SR17574	38.11176	-121.49515	Residence	44	46	60	<45	Yes	No
SR17575	38.11156	-121.49648	Residence	44	46	62	<45	Yes	No
SR17576	38.11152	-121.49627	Residence	44	46	61	<45	Yes	No
SR17577	38.11155	-121.49603	Residence	44	46	61	<45	Yes	No
SR17578	38.11153	-121.49582	Residence	44	46	61	<45	Yes	No
SR17579	38.1115	-121.49548	Residence	44	46	60	<45	Yes	No
SR17580	38.11148	-121.49523	Residence	44	46	60	<45	Yes	No
SR17581	38.11157	-121.49504	Residence	44	46	59	<45	No	No
SR17582	38.11113	-121.49488	Residence	44	46	59	<45	No	No
SR17583	38.11114	-121.49509	Residence	44	46	59	<45	No	No
SR17584	38.1112	-121.49529	Residence	44	46	60	<45	Yes	No
SR17585	38.11124	-121.49553	Residence	44	46	60	<45	Yes	No
SR17586	38.11125	-121.49588	Residence	44	46	61	<45	Yes	No
SR17587	38.11127	-121.49609	Residence	44	46	61	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17588	38.11122	-121.49631	Residence	44	46	61	<45	Yes	No
SR17589	38.11125	-121.49652	Residence	44	46	61	<45	Yes	No
SR17590	38.1124	-121.49465	Residence	44	46	59	<45	No	No
SR17592	38.11091	-121.49684	Residence	44	46	62	<45	Yes	No
SR17593	38.11091	-121.49662	Residence	44	46	61	<45	Yes	No
SR17594	38.11094	-121.4964	Residence	44	46	61	<45	Yes	No
SR17595	38.11094	-121.49619	Residence	44	46	61	<45	Yes	No
SR17596	38.11094	-121.49595	Residence	44	46	60	<45	Yes	No
SR17597	38.11092	-121.49558	Residence	44	46	60	<45	Yes	No
SR17598	38.11089	-121.49539	Residence	44	46	60	<45	Yes	No
SR17599	38.11087	-121.49513	Residence	44	46	59	<45	No	No
SR17600	38.11054	-121.4949	Residence	44	46	59	<45	No	No
SR17601	38.11053	-121.49515	Residence	44	46	60	<45	Yes	No
SR17602	38.11057	-121.49537	Residence	44	46	60	<45	Yes	No
SR17603	38.1106	-121.4956	Residence	44	46	60	<45	Yes	No
SR17604	38.11032	-121.49569	Residence	44	46	60	<45	Yes	No
SR17605	38.1103	-121.4955	Residence	44	46	60	<45	Yes	No
SR17606	38.11024	-121.49526	Residence	44	46	60	<45	Yes	No
SR17607	38.11026	-121.49506	Residence	44	46	60	<45	Yes	No
SR17608	38.11068	-121.49721	Residence	44	46	62	<45	Yes	No
SR17609	38.11064	-121.49703	Residence	44	46	62	<45	Yes	No
SR17610	38.11062	-121.49683	Residence	44	46	61	<45	Yes	No
SR17611	38.11061	-121.49655	Residence	44	46	61	<45	Yes	No
SR17612	38.11057	-121.49634	Residence	44	46	61	<45	Yes	No
SR17613	38.11053	-121.49613	Residence	44	46	61	<45	Yes	No
SR17614	38.11003	-121.49597	Residence	44	46	60	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17615	38.10999	-121.49577	Residence	44	46	60	<45	Yes	No
SR17616	38.10999	-121.49554	Residence	44	46	60	<45	Yes	No
SR17617	38.10994	-121.49531	Residence	44	46	60	<45	Yes	No
SR17618	38.10994	-121.49511	Residence	44	46	60	<45	Yes	No
SR17619	38.10991	-121.49484	Residence	44	46	59	<45	No	No
SR17620	38.10965	-121.49484	Residence	44	46	60	<45	Yes	No
SR17621	38.10965	-121.49502	Residence	44	46	60	<45	Yes	No
SR17622	38.10966	-121.49524	Residence	44	46	60	<45	Yes	No
SR17623	38.10969	-121.49548	Residence	44	46	60	<45	Yes	No
SR17624	38.10969	-121.49567	Residence	44	46	60	<45	Yes	No
SR17625	38.10974	-121.49591	Residence	44	46	61	<45	Yes	No
SR17626	38.10978	-121.49611	Residence	44	46	61	<45	Yes	No
SR17627	38.1095	-121.49636	Residence	44	46	61	<45	Yes	No
SR17628	38.10943	-121.49618	Residence	44	46	61	<45	Yes	No
SR17629	38.10943	-121.49594	Residence	44	46	61	<45	Yes	No
SR17630	38.10941	-121.49572	Residence	44	46	61	<45	Yes	No
SR17631	38.10933	-121.49549	Residence	44	46	60	<45	Yes	No
SR17632	38.10933	-121.49531	Residence	44	46	60	<45	Yes	No
SR17633	38.10932	-121.49504	Residence	44	46	60	<45	Yes	No
SR17634	38.10922	-121.49484	Residence	44	46	60	<45	Yes	No
SR17635	38.10897	-121.49473	Residence	44	46	60	<45	Yes	No
SR17636	38.10902	-121.49498	Residence	44	46	60	<45	Yes	No
SR17637	38.10899	-121.49514	Residence	44	46	60	<45	Yes	No
SR17638	38.10903	-121.49527	Residence	44	46	61	<45	Yes	No
SR17639	38.10905	-121.49541	Residence	44	46	61	<45	Yes	No
SR17640	38.10909	-121.49569	Residence	44	46	61	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17641	38.10911	-121.4959	Residence	44	46	61	<45	Yes	No
SR17642	38.10918	-121.49611	Residence	44	46	61	<45	Yes	No
SR17643	38.1092	-121.49633	Residence	44	46	61	<45	Yes	No
SR17644	38.10924	-121.49659	Residence	44	46	62	<45	Yes	No
SR17645	38.10932	-121.49672	Residence	44	46	62	<45	Yes	No
SR17646	38.10897	-121.49672	Residence	44	46	62	<45	Yes	No
SR17647	38.10892	-121.49654	Residence	44	46	62	<45	Yes	No
SR17648	38.1089	-121.49629	Residence	44	46	62	<45	Yes	No
SR17649	38.10886	-121.49605	Residence	44	46	61	<45	Yes	No
SR17650	38.10881	-121.49585	Residence	44	46	61	<45	Yes	No
SR17651	38.10877	-121.49567	Residence	44	46	61	<45	Yes	No
SR17652	38.10873	-121.49545	Residence	44	46	61	<45	Yes	No
SR17653	38.1087	-121.49523	Residence	44	46	61	<45	Yes	No
SR17654	38.10865	-121.49498	Residence	44	46	61	<45	Yes	No
SR17655	38.11029	-121.4976	Residence	44	46	62	<45	Yes	No
SR17656	38.11027	-121.49744	Residence	44	46	62	<45	Yes	No
SR17657	38.11029	-121.49722	Residence	44	46	62	<45	Yes	No
SR17658	38.11026	-121.49701	Residence	44	46	62	<45	Yes	No
SR17659	38.11028	-121.49676	Residence	44	46	61	<45	Yes	No
SR17660	38.11031	-121.49659	Residence	44	46	61	<45	Yes	No
SR17661	38.11025	-121.49641	Residence	44	46	61	<45	Yes	No
SR17662	38.11004	-121.49694	Residence	44	46	61	<45	Yes	No
SR17663	38.10999	-121.49715	Residence	44	46	62	<45	Yes	No
SR17664	38.11	-121.49734	Residence	44	46	62	<45	Yes	No
SR17665	38.11002	-121.49761	Residence	44	46	62	<45	Yes	No
SR17666	38.11002	-121.4978	Residence	44	46	62	<45	Yes	No

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SR17667	38.10967	-121.49805	Residence	44	46	63	<45	Yes	No
SR17668	38.10967	-121.49785	Residence	44	46	63	<45	Yes	No
SR17669	38.10971	-121.49762	Residence	44	46	62	<45	Yes	No
SR17670	38.1097	-121.49741	Residence	44	46	62	<45	Yes	No
SR17671	38.10972	-121.49722	Residence	44	46	62	<45	Yes	No
SR17672	38.10971	-121.49694	Residence	44	46	62	<45	Yes	No
SR17673	38.1094	-121.49827	Residence	44	46	63	<45	Yes	No
SR17674	38.1094	-121.49803	Residence	44	46	63	<45	Yes	No
SR17675	38.10939	-121.49779	Residence	44	46	63	<45	Yes	No
SR17676	38.10942	-121.49758	Residence	44	46	62	<45	Yes	No
SR17677	38.1094	-121.49741	Residence	44	46	62	<45	Yes	No
SR17678	38.10939	-121.49717	Residence	44	46	62	<45	Yes	No
SR17679	38.10911	-121.49723	Residence	44	46	62	<45	Yes	No
SR17680	38.10912	-121.49744	Residence	44	46	63	<45	Yes	No
SR17681	38.10912	-121.49763	Residence	44	46	63	<45	Yes	No
SR17682	38.10908	-121.49784	Residence	44	46	63	<45	Yes	No
SR17683	38.10903	-121.49804	Residence	44	46	64	<45	Yes	No
SR17690	38.10867	-121.49657	Residence	44	46	62	<45	Yes	No
SR17691	38.10853	-121.49775	Residence	44	46	64	<45	Yes	No
SR17692	38.10853	-121.49766	Residence	44	46	63	<45	Yes	No
SR17693	38.10857	-121.49755	Residence	44	46	63	<45	Yes	No
SR17694	38.10854	-121.49749	Residence	44	46	63	<45	Yes	No
SR17695	38.10854	-121.49739	Residence	44	46	63	<45	Yes	No
SR17696	38.10856	-121.49727	Residence	44	46	63	<45	Yes	No
SR17697	38.10855	-121.49714	Residence	44	46	63	<45	Yes	No
SR17698	38.10856	-121.49699	Residence	44	46	63	<45	Yes	No

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SR17699	38.10867	-121.49644	Residence	44	46	62	<45	Yes	No
SR17700	38.10867	-121.49627	Residence	44	46	62	<45	Yes	No
SR17701	38.10864	-121.49613	Residence	44	46	62	<45	Yes	No
SR17702	38.10851	-121.49608	Residence	44	46	62	<45	Yes	No
SR17703	38.10857	-121.49586	Residence	44	46	62	<45	Yes	No
SR17704	38.10859	-121.49572	Residence	44	46	61	<45	Yes	No
SR17705	38.10859	-121.49558	Residence	44	46	61	<45	Yes	No
SR17706	38.10858	-121.49544	Residence	44	46	61	<45	Yes	No
SR17707	38.10845	-121.49458	Residence	44	46	61	<45	Yes	No
SR17708	38.10835	-121.49451	Residence	44	46	61	<45	Yes	No
SR17709	38.10823	-121.49454	Residence	44	46	61	<45	Yes	No
SR17710	38.10811	-121.49451	Residence	44	46	61	<45	Yes	No
SR17711	38.10802	-121.49449	Residence	44	46	61	<45	Yes	No
SR17712	38.10789	-121.49449	Residence	44	46	61	<45	Yes	No
SR17713	38.10781	-121.49448	Residence	44	46	62	<45	Yes	No
SR17714	38.10844	-121.49641	Residence	44	46	62	<45	Yes	No
SR17715	38.10839	-121.49606	Residence	44	46	62	<45	Yes	No
SR17716	38.10828	-121.49556	Residence	44	46	62	<45	Yes	No
SR17717	38.1078	-121.4952	Residence	44	46	62	<45	Yes	No
SR17718	38.10791	-121.49524	Residence	44	46	62	<45	Yes	No
SR17719	38.10801	-121.49521	Residence	44	46	62	<45	Yes	No
SR17720	38.10809	-121.49529	Residence	44	46	62	<45	Yes	No
SR17721	38.10818	-121.4953	Residence	44	46	62	<45	Yes	No
SR17726	38.10762	-121.49448	Residence	44	46	62	<45	Yes	No
SR17727	38.10756	-121.49445	Residence	44	46	62	<45	Yes	No
SR17728	38.10747	-121.49446	Residence	44	46	62	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17729	38.10734	-121.49443	Residence	44	46	63	<45	Yes	No
SR17730	38.10723	-121.49444	Residence	44	46	63	<45	Yes	No
SR17731	38.10712	-121.49443	Residence	44	46	63	<45	Yes	No
SR17732	38.10701	-121.49445	Residence	44	46	64	<45	Yes	No
SR17759	38.10885	-121.49832	Residence	44	46	64	<45	Yes	No
SR17760	38.10895	-121.4983	Residence	44	46	64	<45	Yes	No
SR17761	38.10906	-121.49836	Residence	44	46	64	<45	Yes	No
SR17762	38.10913	-121.49843	Residence	44	46	64	<45	Yes	No
SR17763	38.1092	-121.49846	Residence	44	46	64	<45	Yes	No
SR17764	38.1093	-121.49852	Residence	44	46	64	<45	Yes	No
SR17765	38.11096	-121.49837	Residence	44	46	63	<45	Yes	No
SR17766	38.11103	-121.49829	Residence	44	46	64	<45	Yes	No
SR17767	38.11072	-121.49828	Residence	44	46	63	<45	Yes	No
SR17768	38.11078	-121.49816	Residence	44	46	63	<45	Yes	No
SR17769	38.11092	-121.49809	Residence	44	46	63	<45	Yes	No
SR17770	38.11103	-121.49801	Residence	44	46	63	<45	Yes	No
SR17771	38.11109	-121.49795	Residence	44	46	63	<45	Yes	No
SR17772	38.11115	-121.49788	Residence	44	46	63	<45	Yes	No
SR17773	38.11127	-121.49777	Residence	44	46	63	<45	Yes	No
SR17774	38.11141	-121.49764	Residence	44	46	63	<45	Yes	No
SR17775	38.1116	-121.49749	Residence	44	46	63	<45	Yes	No
SR17776	38.11168	-121.49739	Residence	44	46	63	<45	Yes	No
SR17777	38.11172	-121.49733	Residence	44	46	63	<45	Yes	No
SR17778	38.11179	-121.49723	Residence	44	46	63	<45	Yes	No
SR17779	38.11188	-121.49714	Residence	44	46	63	<45	Yes	No
SR17780	38.11207	-121.497	Residence	44	46	63	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17781	38.11222	-121.49697	Residence	44	46	63	<45	Yes	No
SR17782	38.11231	-121.4969	Residence	44	46	63	<45	Yes	No
SR17783	38.1111	-121.4982	Residence	44	46	64	<45	Yes	No
SR17784	38.1112	-121.49808	Residence	44	46	64	<45	Yes	No
SR17785	38.11128	-121.498	Residence	44	46	64	<45	Yes	No
SR17786	38.11141	-121.49788	Residence	44	46	64	<45	Yes	No
SR17787	38.11159	-121.49772	Residence	44	46	64	<45	Yes	No
SR17788	38.11172	-121.49759	Residence	44	46	64	<45	Yes	No
SR17789	38.11182	-121.49751	Residence	44	46	64	<45	Yes	No
SR17790	38.11192	-121.49742	Residence	44	46	64	<45	Yes	No
SR17791	38.11199	-121.49735	Residence	44	46	64	<45	Yes	No
SR17792	38.11207	-121.4973	Residence	44	46	64	<45	Yes	No
SR17793	38.11217	-121.49724	Residence	44	46	64	<45	Yes	No
SR17794	38.11226	-121.4972	Residence	44	46	64	<45	Yes	No
SR17795	38.11234	-121.49714	Residence	44	46	64	<45	Yes	No
SR17796	38.11245	-121.4971	Residence	44	46	64	<45	Yes	No
SR17797	38.11048	-121.49786	Residence	44	46	63	<45	Yes	No
SR17798	38.11057	-121.49777	Residence	44	46	62	<45	Yes	No
SR17799	38.11062	-121.49772	Residence	44	46	62	<45	Yes	No
SR17800	38.11074	-121.4976	Residence	44	46	62	<45	Yes	No
SR17801	38.11079	-121.49755	Residence	44	46	62	<45	Yes	No
SR17802	38.11086	-121.49742	Residence	44	46	62	<45	Yes	No
SR17803	38.11094	-121.4973	Residence	44	46	62	<45	Yes	No
SR17804	38.11104	-121.4972	Residence	44	46	62	<45	Yes	No
SR17805	38.11111	-121.49713	Residence	44	46	62	<45	Yes	No
SR17806	38.11118	-121.49707	Residence	44	46	62	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17807	38.11127	-121.49701	Residence	44	46	62	<45	Yes	No
SR17808	38.11136	-121.49697	Residence	44	46	62	<45	Yes	No
SR17809	38.11145	-121.49692	Residence	44	46	62	<45	Yes	No
SR17810	38.11158	-121.49685	Residence	44	46	62	<45	Yes	No
SR17811	38.11168	-121.49681	Residence	44	46	62	<45	Yes	No
SR17812	38.11177	-121.49674	Residence	44	46	62	<45	Yes	No
SR17813	38.11189	-121.49669	Residence	44	46	62	<45	Yes	No
SR17814	38.11197	-121.49663	Residence	44	46	62	<45	Yes	No
SR17815	38.11206	-121.49658	Residence	44	46	62	<45	Yes	No
SR17816	38.11217	-121.49653	Residence	44	46	62	<45	Yes	No
SR17817	38.11234	-121.49647	Residence	44	46	62	<45	Yes	No
SR17818	38.11062	-121.49806	Residence	44	46	63	<45	Yes	No
SR17819	38.11072	-121.49795	Residence	44	46	63	<45	Yes	No
SR17820	38.11077	-121.4979	Residence	44	46	63	<45	Yes	No
SR17821	38.11084	-121.49781	Residence	44	46	63	<45	Yes	No
SR17822	38.11089	-121.49775	Residence	44	46	63	<45	Yes	No
SR17823	38.11101	-121.49764	Residence	44	46	63	<45	Yes	No
SR17824	38.1111	-121.49753	Residence	44	46	63	<45	Yes	No
SR17825	38.11119	-121.49744	Residence	44	46	63	<45	Yes	No
SR17826	38.11125	-121.49737	Residence	44	46	63	<45	Yes	No
SR17827	38.11137	-121.49726	Residence	44	46	63	<45	Yes	No
SR17828	38.11147	-121.4972	Residence	44	46	63	<45	Yes	No
SR17829	38.11171	-121.49702	Residence	44	46	63	<45	Yes	No
SR18022	38.25098	-121.46723	Residence	44	46	48	<45	No	No
SR18027	38.24613	-121.46078	Residence	44	46	47	<45	No	No
SR18107	38.11766	-121.5353	Residence	44	46	49	<45	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR17822	38.11089	-121.49775	Residence	44	46	63	<45	Yes	No
SR17823	38.11101	-121.49764	Residence	44	46	63	<45	Yes	No
SR17824	38.1111	-121.49753	Residence	44	46	63	<45	Yes	No
SR17825	38.11119	-121.49744	Residence	44	46	63	<45	Yes	No
SR17826	38.11125	-121.49737	Residence	44	46	63	<45	Yes	No
SR17827	38.11137	-121.49726	Residence	44	46	63	<45	Yes	No
SR17828	38.11147	-121.4972	Residence	44	46	63	<45	Yes	No
SR17829	38.11171	-121.49702	Residence	44	46	63	<45	Yes	No
SR18022	38.25098	-121.46723	Residence	44	46	48	<45	No	No
SR18027	38.24613	-121.46078	Residence	44	46	47	<45	No	No
SR18107	38.11766	-121.5353	Residence	44	46	49	<45	No	No
Total Exceedances								247	5

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-8. Predicted Sound Levels for Heavy Equipment, Tunnel Shafts, Levee Improvements and RTM Stockpile, Eastern Alignment

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR46	37.9895	-121.40444	Residence	44	46	60	60	Yes	Yes
SR60	37.98882	-121.40197	Residence	44	46	63	63	Yes	Yes
SR61	37.98871	-121.40167	Residence	44	46	63	63	Yes	Yes
SR62	37.98858	-121.40151	Residence	44	46	64	64	Yes	Yes
SR63	37.98882	-121.40217	Residence	44	46	63	63	Yes	Yes
SR102	37.97757	-121.42056	Residence	44	46	52	52	No	Yes
SR103	37.97884	-121.41808	Residence	44	46	52	52	No	Yes
SR262	37.97321	-121.41183	Residence	44	46	55	55	No	Yes
SR621	37.97201	-121.40684	Residence	44	46	59	59	No	Yes
SR623	37.9688	-121.4033	Residence	44	46	55	55	No	Yes
SR624	37.96902	-121.40315	Residence	44	46	56	56	No	Yes
SR1126	37.96331	-121.4077	Residence	44	46	48	48	No	No
SR15662	37.99423	-121.42147	Residence	44	46	49	49	No	No
SR15665	37.99362	-121.41906	Residence	44	46	49	49	No	No
SR15669	37.99498	-121.41158	Residence	44	46	50	50	No	Yes
SR15765	38.23135	-121.46739	Residence	44	46	47	47	No	No
SR15766	38.23043	-121.46739	Residence	44	46	47	47	No	No
SR15767	38.22951	-121.4673	Residence	44	46	47	47	No	No
SR15769	38.22832	-121.46617	Residence	44	46	48	48	No	No
SR15772	38.22849	-121.46722	Residence	44	46	47	47	No	No
SR15773	38.22909	-121.4672	Residence	44	46	47	47	No	No
SR15776	38.22809	-121.46721	Residence	44	46	47	47	No	No
SR15779	38.22692	-121.46742	Residence	44	46	46	46	No	No
SR15784	38.22581	-121.46743	Residence	44	46	46	46	No	No
SR15788	38.22481	-121.46588	Residence	44	46	46	46	No	No
SR15790	38.22504	-121.45724	Residence	44	46	52	52	No	Yes

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR15791	38.22494	-121.45783	Residence	44	46	52	52	No	Yes
SR15796	38.22509	-121.45984	Residence	44	46	51	51	No	Yes
SR15798	38.22632	-121.45618	Residence	44	46	55	55	No	Yes
SR15799	38.22566	-121.4573	Residence	44	46	53	53	No	Yes
SR15800	38.22714	-121.45649	Residence	44	46	56	56	No	Yes
SR15802	38.22793	-121.44491	Residence	44	46	53	53	No	Yes
SR15805	38.19058	-121.4424	Residence	44	46	55	55	No	Yes
SR17035	38.11968	-121.4312	Residence	44	46	55	55	No	Yes
SR17046	38.11489	-121.4479	Residence	44	46	52	52	No	Yes
SR18030	38.23187	-121.44683	Residence	44	46	58	58	No	Yes
SR18031	38.2325	-121.44607	Residence	44	46	57	57	No	Yes
SR18034	38.22776	-121.44485	Residence	44	46	53	53	No	Yes
SR18035	38.22824	-121.44522	Residence	44	46	54	54	No	Yes
SR18036	38.22881	-121.44078	Residence	44	46	49	49	No	No
SR18037	38.22804	-121.44078	Residence	44	46	49	49	No	No
SR18038	38.22797	-121.44007	Residence	44	46	48	48	No	No
SR18039	38.22515	-121.44576	Residence	44	46	51	51	No	Yes
SR18040	38.22522	-121.44752	Residence	44	46	52	52	No	Yes
SR18042	38.22573	-121.44667	Residence	44	46	52	52	No	Yes
SR18047	38.22582	-121.44778	Residence	44	46	53	53	No	Yes
SR18048	38.22577	-121.44016	Residence	44	46	47	47	No	No
SR18050	38.22663	-121.44008	Residence	44	46	48	48	No	No
SR18051	38.2264	-121.43935	Residence	44	46	47	47	No	No
SR18052	38.22642	-121.4414	Residence	44	46	49	49	No	No
SR18053	38.22668	-121.44086	Residence	44	46	49	49	No	No
SR18057	38.22644	-121.43804	Residence	44	46	46	46	No	No
SR18309	38.24166	-121.44685	Residence	44	46	48	48	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR18312	38.23673	-121.44605	Residence	44	46	53	53	No	Yes
SR18313	38.23915	-121.44612	Residence	44	46	51	51	No	Yes
SR18322	38.22609	-121.45031	Residence	44	46	55	55	No	Yes
SR18323	38.22602	-121.45168	Residence	44	46	55	55	No	Yes
SR18324	38.22576	-121.45125	Residence	44	46	55	55	No	Yes
SR18325	38.22512	-121.44879	Residence	44	46	53	53	No	Yes
SR18326	38.22578	-121.44973	Residence	44	46	54	54	No	Yes
SR18327	38.22629	-121.44888	Residence	44	46	55	55	No	Yes
SR18328	38.22715	-121.44673	Residence	44	46	54	54	No	Yes
SR18337	38.22476	-121.44628	Residence	44	46	51	51	No	Yes
SR18338	38.22425	-121.44627	Residence	44	46	50	50	No	Yes
SR18339	38.22644	-121.44369	Residence	44	46	51	51	No	Yes
SR18340	38.22801	-121.43909	Residence	44	46	48	48	No	No
SR18341	38.22729	-121.4392	Residence	44	46	47	47	No	No
SR18342	38.22655	-121.4367	Residence	44	46	45	45	No	No
SR18345	38.22878	-121.44006	Residence	44	46	49	49	No	No
SR18346	38.22866	-121.43918	Residence	44	46	48	48	No	No
SR18361	38.22402	-121.43898	Residence	44	46	46	46	No	No
SR18413	37.99996	-121.44573	Residence	44	46	52	<45	No	No
SR18416	37.99581	-121.4457	Residence	44	46	56	<45	No	No
SR18417	37.99534	-121.44649	Residence	44	46	56	<45	No	No
SR18437	37.98243	-121.47248	Residence	44	46	67	<45	Yes	No
SR18438	37.98215	-121.47141	Residence	44	46	67	<45	Yes	No
SR18439	37.9822	-121.47128	Residence	44	46	67	<45	Yes	No
SR18440	37.98228	-121.47129	Residence	44	46	67	<45	Yes	No
SR18441	37.98209	-121.47128	Residence	44	46	67	<45	Yes	No
SR18442	37.98196	-121.47143	Residence	44	46	68	<45	Yes	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR18443	37.98182	-121.47142	Residence	44	46	68	<45	Yes	No
SR18444	37.98184	-121.47209	Residence	44	46	70	<45	Yes	No
SR18445	37.98204	-121.47233	Residence	44	46	69	<45	Yes	No
SR18446	37.98212	-121.47246	Residence	44	46	68	<45	Yes	No
SR18447	37.98239	-121.47226	Residence	44	46	67	<45	Yes	No
SR18448	37.9821	-121.47281	Residence	44	46	68	<45	Yes	No
SR18449	37.9828	-121.47132	Residence	44	46	66	<45	Yes	No
SR18450	37.98311	-121.47116	Residence	44	46	65	<45	Yes	No
SR18452	37.96722	-121.46563	Residence	44	46	46	<45	No	No
SR19666	38.1105	-121.42279	Residence	44	46	45	45	No	No
SR19667	38.11028	-121.42281	Residence	44	46	45	45	No	No
SR19844	37.99779	-121.44958	Residence	44	46	55	<45	No	No
SR19845	37.99789	-121.44976	Residence	44	46	55	<45	No	No
SR19848	37.99802	-121.45015	Residence	44	46	55	<45	No	No
SR19877	37.98011	-121.48048	Residence	44	46	53	<45	No	No
SR19879	37.98022	-121.47328	Residence	44	46	70	<45	Yes	No
SR19880	37.98019	-121.47346	Residence	44	46	69	<45	Yes	No
SR20223	37.98242	-121.47089	Residence	44	46	66	<45	Yes	No
SR20224	37.98244	-121.47105	Residence	44	46	66	<45	Yes	No
SR20225	37.98221	-121.4714	Residence	44	46	67	<45	Yes	No
Total Exceedances								24	42

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.

Table 24B-9. Predicted Sound Levels for Heavy Equipment, Tunnel Shafts, Levee Improvements, RTM Stockpile, and Bethany Complex, Bethany Reservoir Alignment

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR46	37.9895	-121.40444	Residence	44	46	60	60	Yes	Yes
SR60	37.98882	-121.40197	Residence	44	46	63	63	Yes	Yes
SR61	37.98871	-121.40167	Residence	44	46	63	63	Yes	Yes
SR62	37.98858	-121.40151	Residence	44	46	64	64	Yes	Yes
SR63	37.98882	-121.40217	Residence	44	46	63	63	Yes	Yes
SR102	37.97757	-121.42056	Residence	44	46	52	52	No	Yes
SR103	37.97884	-121.41808	Residence	44	46	52	52	No	Yes
SR262	37.97321	-121.41183	Residence	44	46	55	55	No	Yes
SR621	37.97201	-121.40684	Residence	44	46	59	59	No	Yes
SR623	37.9688	-121.4033	Residence	44	46	55	55	No	Yes
SR624	37.96902	-121.40315	Residence	44	46	56	56	No	Yes
SR1126	37.96331	-121.4077	Residence	44	46	48	48	No	No
SR11229	37.78783	-121.57802	Residence	44	46	60	60	Yes	Yes
SR12426	37.7787	-121.57832	Residence	44	46	50	50	No	Yes
SR12427	37.77846	-121.57715	Residence	44	46	50	50	No	Yes
SR12451	37.77558	-121.57934	Residence	44	46	49	49	No	No
SR14748	37.81638	-121.5571	Residence	44	46	46	46	No	No
SR14749	37.81659	-121.55718	Residence	44	46	45	45	No	No
SR14750	37.8166	-121.55737	Residence	44	46	45	45	No	No
SR14751	37.81596	-121.55741	Residence	44	46	46	46	No	No
SR14752	37.81633	-121.55759	Residence	44	46	46	46	No	No
SR14753	37.81612	-121.55785	Residence	44	46	46	46	No	No
SR14776	37.81309	-121.58062	Residence	44	46	52	52	No	Yes
SR14793	37.8126	-121.55902	Residence	44	46	48	48	No	No
SR14794	37.8125	-121.55902	Residence	44	46	48	48	No	No

Receiver ID	Latitude	Longitude	Land Use	Existing Daytime Average Sound Level, dBA 1-hour L_{eq}	Existing Nighttime Average Sound Level, dBA 1-hour L_{eq}	Heavy Equipment, Average Daytime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment/ Concrete Pours, Average Nighttime Noise Level, dBA 1-hour L_{eq}	Heavy Equipment exceeds 60 dBA 1-hour L_{eq}	Heavy Equipment use for Concrete Pours exceeds 50 dBA 1-hour L_{eq}
SR14795	37.81239	-121.5593	Residence	44	46	49	49	No	No
SR14796	37.81228	-121.55935	Residence	44	46	49	49	No	No
SR14797	37.81223	-121.55902	Residence	44	46	49	49	No	No
SR14798	37.81239	-121.55902	Residence	44	46	48	48	No	No
SR14799	37.8125	-121.55926	Residence	44	46	49	49	No	No
SR14800	37.8126	-121.5592	Residence	44	46	48	48	No	No
SR14801	37.81219	-121.55935	Residence	44	46	49	49	No	No
SR14802	37.81561	-121.55803	Residence	44	46	46	46	No	No
SR14822	37.81571	-121.55804	Residence	44	46	46	46	No	No
SR14823	37.81544	-121.55802	Residence	44	46	46	46	No	No
SR14824	37.81568	-121.55773	Residence	44	46	46	46	No	No
SR14825	37.8156	-121.55788	Residence	44	46	46	46	No	No
SR14829	37.81534	-121.55827	Residence	44	46	47	47	No	No
SR14830	37.81551	-121.55818	Residence	44	46	46	46	No	No
SR14837	37.81526	-121.55473	Residence	44	46	45	45	No	No
SR14838	37.8154	-121.55516	Residence	44	46	45	45	No	No
SR14839	37.81528	-121.55539	Residence	44	46	45	45	No	No
SR14840	37.8157	-121.55611	Residence	44	46	45	45	No	No
SR14841	37.81553	-121.55606	Residence	44	46	46	46	No	No
SR14842	37.81556	-121.55542	Residence	44	46	45	45	No	No
SR14906	37.81205	-121.55937	Residence	44	46	49	49	No	No
SR14907	37.81205	-121.55937	Residence	44	46	49	49	No	No
SR14908	37.81192	-121.55935	Residence	44	46	49	49	No	No
SR14909	37.81183	-121.55933	Residence	44	46	49	49	No	No
SR14910	37.81171	-121.55929	Residence	44	46	49	49	No	No
SR14911	37.8115	-121.55936	Residence	44	46	49	49	No	No
SR14912	37.81136	-121.55938	Residence	44	46	49	49	No	No

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SR14913	37.81123	-121.55934	Residence	44	46	49	49	No	No
SR14914	37.81094	-121.55938	Residence	44	46	49	49	No	No
SR14915	37.81074	-121.55948	Residence	44	46	50	50	No	Yes
SR14916	37.81058	-121.55947	Residence	44	46	50	50	No	Yes
SR14917	37.81022	-121.55916	Residence	44	46	50	50	No	Yes
SR14918	37.81038	-121.55907	Residence	44	46	50	50	No	Yes
SR14919	37.81102	-121.559	Residence	44	46	49	49	No	No
SR14920	37.81124	-121.55899	Residence	44	46	49	49	No	No
SR14921	37.81136	-121.55898	Residence	44	46	49	49	No	No
SR14922	37.81148	-121.55897	Residence	44	46	49	49	No	No
SR14923	37.81162	-121.55896	Residence	44	46	49	49	No	No
SR14924	37.81179	-121.55898	Residence	44	46	49	49	No	No
SR14925	37.81195	-121.55901	Residence	44	46	49	49	No	No
SR14949	37.80794	-121.5617	Residence	44	46	53	53	No	Yes
SR15025	37.79647	-121.5905	Residence	44	46	60	60	Yes	Yes
SR15026	37.79623	-121.59067	Residence	44	46	60	60	Yes	Yes
SR15027	37.79595	-121.59064	Residence	44	46	60	60	Yes	Yes
SR15028	37.79454	-121.58991	Residence	44	46	64	64	Yes	Yes
SR15029	37.79453	-121.58946	Residence	44	46	64	64	Yes	Yes
SR15030	37.79455	-121.58726	Residence	44	46	63	63	Yes	Yes
SR15031	37.79456	-121.58679	Residence	44	46	63	63	Yes	Yes
SR15099	37.7943	-121.58676	Residence	44	46	63	63	Yes	Yes
SR15100	37.79423	-121.58724	Residence	44	46	64	64	Yes	Yes
SR15101	37.79441	-121.58765	Residence	44	46	63	63	Yes	Yes
SR15102	37.79424	-121.58944	Residence	44	46	65	65	Yes	Yes
SR15662	37.99423	-121.42147	Residence	44	46	49	49	No	No
SR15665	37.99362	-121.41906	Residence	44	46	49	49	No	No

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SR15669	37.99498	-121.41158	Residence	44	46	50	50	No	Yes
SR15765	38.23135	-121.46739	Residence	44	46	47	47	No	No
SR15766	38.23043	-121.46739	Residence	44	46	47	47	No	No
SR15767	38.22951	-121.4673	Residence	44	46	47	47	No	No
SR15769	38.22832	-121.46617	Residence	44	46	48	48	No	No
SR15772	38.22849	-121.46722	Residence	44	46	47	47	No	No
SR15773	38.22909	-121.4672	Residence	44	46	47	47	No	No
SR15776	38.22809	-121.46721	Residence	44	46	47	47	No	No
SR15779	38.22692	-121.46742	Residence	44	46	46	46	No	No
SR15784	38.22581	-121.46743	Residence	44	46	46	46	No	No
SR15788	38.22481	-121.46588	Residence	44	46	46	46	No	No
SR15790	38.22504	-121.45724	Residence	44	46	52	52	No	Yes
SR15791	38.22494	-121.45783	Residence	44	46	52	52	No	Yes
SR15796	38.22509	-121.45984	Residence	44	46	51	51	No	Yes
SR15798	38.22632	-121.45618	Residence	44	46	55	55	No	Yes
SR15799	38.22566	-121.4573	Residence	44	46	53	53	No	Yes
SR15800	38.22714	-121.45649	Residence	44	46	56	56	No	Yes
SR15802	38.22793	-121.44491	Residence	44	46	53	53	No	Yes
SR15805	38.19058	-121.4424	Residence	44	46	55	55	No	Yes
SR17035	38.11968	-121.4312	Residence	44	46	55	55	No	Yes
SR17046	38.11489	-121.4479	Residence	44	46	52	52	No	Yes
SR18030	38.23187	-121.44683	Residence	44	46	58	58	No	Yes
SR18031	38.2325	-121.44607	Residence	44	46	57	57	No	Yes
SR18034	38.22776	-121.44485	Residence	44	46	53	53	No	Yes
SR18035	38.22824	-121.44522	Residence	44	46	54	54	No	Yes
SR18036	38.22881	-121.44078	Residence	44	46	49	49	No	No
SR18037	38.22804	-121.44078	Residence	44	46	49	49	No	No

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SR18038	38.22797	-121.44007	Residence	44	46	48	48	No	No
SR18039	38.22515	-121.44576	Residence	44	46	51	51	No	Yes
SR18040	38.22522	-121.44752	Residence	44	46	52	52	No	Yes
SR18042	38.22573	-121.44667	Residence	44	46	52	52	No	Yes
SR18047	38.22582	-121.44778	Residence	44	46	53	53	No	Yes
SR18048	38.22577	-121.44016	Residence	44	46	47	47	No	No
SR18050	38.22663	-121.44008	Residence	44	46	48	48	No	No
SR18051	38.2264	-121.43935	Residence	44	46	47	47	No	No
SR18052	38.22642	-121.4414	Residence	44	46	49	49	No	No
SR18053	38.22668	-121.44086	Residence	44	46	49	49	No	No
SR18057	38.22644	-121.43804	Residence	44	46	46	46	No	No
SR18309	38.24166	-121.44685	Residence	44	46	48	48	No	No
SR18312	38.23673	-121.44605	Residence	44	46	53	53	No	Yes
SR18313	38.23915	-121.44612	Residence	44	46	51	51	No	Yes
SR18322	38.22609	-121.45031	Residence	44	46	55	55	No	Yes
SR18323	38.22602	-121.45168	Residence	44	46	55	55	No	Yes
SR18324	38.22576	-121.45125	Residence	44	46	55	55	No	Yes
SR18325	38.22512	-121.44879	Residence	44	46	53	53	No	Yes
SR18326	38.22578	-121.44973	Residence	44	46	54	54	No	Yes
SR18327	38.22629	-121.44888	Residence	44	46	55	55	No	Yes
SR18328	38.22715	-121.44673	Residence	44	46	54	54	No	Yes
SR18337	38.22476	-121.44628	Residence	44	46	51	51	No	Yes
SR18338	38.22425	-121.44627	Residence	44	46	50	50	No	Yes
SR18339	38.22644	-121.44369	Residence	44	46	51	51	No	Yes
SR18340	38.22801	-121.43909	Residence	44	46	48	48	No	No
SR18341	38.22729	-121.4392	Residence	44	46	47	47	No	No
SR18342	38.22655	-121.4367	Residence	44	46	45	45	No	No

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SR18345	38.22878	-121.44006	Residence	44	46	49	49	No	No
SR18346	38.22866	-121.43918	Residence	44	46	48	48	No	No
SR18361	38.22402	-121.43898	Residence	44	46	46	46	No	No
SR18413	37.99996	-121.44573	Residence	44	46	52	<45	No	No
SR18416	37.99581	-121.4457	Residence	44	46	56	<45	No	No
SR18417	37.99534	-121.44649	Residence	44	46	56	<45	No	No
SR18437	37.98243	-121.47248	Residence	44	46	67	<45	Yes	No
SR18438	37.98215	-121.47141	Residence	44	46	67	<45	Yes	No
SR18439	37.9822	-121.47128	Residence	44	46	67	<45	Yes	No
SR18440	37.98228	-121.47129	Residence	44	46	67	<45	Yes	No
SR18441	37.98209	-121.47128	Residence	44	46	67	<45	Yes	No
SR18442	37.98196	-121.47143	Residence	44	46	68	<45	Yes	No
SR18443	37.98182	-121.47142	Residence	44	46	68	<45	Yes	No
SR18444	37.98184	-121.47209	Residence	44	46	70	<45	Yes	No
SR18445	37.98204	-121.47233	Residence	44	46	69	<45	Yes	No
SR18446	37.98212	-121.47246	Residence	44	46	68	<45	Yes	No
SR18447	37.98239	-121.47226	Residence	44	46	67	<45	Yes	No
SR18448	37.9821	-121.47281	Residence	44	46	68	<45	Yes	No
SR18449	37.9828	-121.47132	Residence	44	46	66	<45	Yes	No
SR18450	37.98311	-121.47116	Residence	44	46	65	<45	Yes	No
SR18452	37.96722	-121.46563	Residence	44	46	46	<45	No	No
SR19666	38.1105	-121.42279	Residence	44	46	45	45	No	No
SR19667	38.11028	-121.42281	Residence	44	46	45	45	No	No
SR19844	37.99779	-121.44958	Residence	44	46	55	<45	No	No
SR19845	37.99789	-121.44976	Residence	44	46	55	<45	No	No
SR19848	37.99802	-121.45015	Residence	44	46	55	<45	No	No
SR19877	37.98011	-121.48048	Residence	44	46	53	<45	No	No

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SR19879	37.98022	-121.47328	Residence	44	46	70	<45	Yes	No
SR19880	37.98019	-121.47346	Residence	44	46	69	<45	Yes	No
SR19928	37.92048	-121.48627	Residence	44	46	69	69	Yes	Yes
SR20223	37.98242	-121.47089	Residence	44	46	66	66	Yes	Yes
SR20224	37.98244	-121.47105	Residence	44	46	66	66	Yes	Yes
SR20225	37.98221	-121.4714	Residence	44	46	67	67	Yes	Yes
Total Exceedances								37	66

dBA = A-weighted decibel; L_{eq} = equivalent sound level; L_{max} = maximum sound level.