

APPENDIX F
INITIAL SITE ASSESSMENT TRANSACTION SCREEN ASSESSMENT

Initial Site Assessment Transaction Screen Assessment

for

County Road 200 over Branch of Salt Creek Bridge Replacement

Br. No. 11C-0132

Federal Aid Project No. BRLO 5911(058)

Prepared For:



**County of Glenn
Public Works Agency**

**Talia Richardson
Interim Director of Public Works**

777 N. Colusa Street
Willows, CA 95988

Prepared By:



2400 Washington Avenue, Suite 101
Redding, California 96001

March 30, 2021

1. Project Information

Project Information	
Project Name	County Road 200 over Branch of Salt Creek Bridge Replacement Project
Property Address	0.8 miles west of County Road 306 (Site Vicinity and Location Map – Attachment A)
Total Acreage	Approximately 5.44 acre (Area of Potential Effect).
Current Use	Bridge crossing of Branch of Salt Creek on local road (CR 200)
Purpose	Replace existing structurally deficient bridge with a new 2-lane 1-span, cast-in-place, post-tensioned box girder bridge. Replace/reconstruct approach roadway to transition between the new construction and the existing roadway.

2. Property Information

Property Information			
Historical Use			
	Year From:	Year To:	Property Use:
	mid 1800's	Present	Roadway/bridge and grazing land
	Prior to the mid 1800's	mid 1800's	Channel/floodplain and grazing land
Adjacent Uses	North	Grazing land	
	South	Grazing land	
	East	Grazing land	
	West	Grazing land	
General Setting	Rural – Grazing land		
Topography	Located between the Sacramento Valley and the eastern foothills of the Northern Coast Ranges (northwestern portion of the county) which consists of gently rolling hills and numerous unnamed tributaries. The project site is located on the channel and the adjacent floodplain of Salt Creek, which flows from northwest to southeast to the North Fork of Stony Creek. The site elevation is approximately 625 feet NAVD88.		

3. Site Reconnaissance and Transaction Screen Checklist

Property Inspection Date	October 4, 2017 & Revisit October 10, 2020
Weather Condition	Sunny
Field Assessor	Gary Gordon, (530) 410-6520
Summary	Conducted a general field site visit with representatives from Caltrans, Glenn County, Willdan and North State Resources during the project field review meeting. (An attendance sheet and notes for the field review meeting are provided as Attachment B and C.) Condition of the structure was noted. Adjacent uses include grazing land, a rural residence located approximately 0.3 mile south of the project, and another 0.5 mile east of the project. A low water crossing detour will be used during construction. Special studies will require a wetland delineation, ASR/HPSR, NES, a discussion of noise impacts in the Initial Study/Mitigated Negative Declaration and an Initial Site Assessment Phase 1 Transaction Screen with a database (Geotracker) search to address potential contaminants. A Biological Assessment was not be required.

The ISA Transaction Screen checklist (Attachment D) completed for the project does not include any affirmative responses regarding potential contaminants that may be found on the subject property. This is a very rural area with grazing land comprising the surrounding property. The nearest residence is over 0.3 mile from the project site. As such, the potential for typical contaminants found in rural areas, such as pesticides, household hazardous waste, and septic systems is extremely low.

Aerially Deposited Lead:

With the very low Average Daily Traffic, the nearest regional transportation corridor (Interstate-5) being over 17 miles away, and the practice of using lead as a gasoline component having been phased out since the late 1970's, the potential for aerially deposited lead is also extremely low. Any remaining traces of lead in the environment should be considered negligible. Accordingly, Caltrans SSP 7-1.02K (6)(j)(iii) – Earth Material Containing Lead will be incorporated into the construction contract.

Lead and Chromium in Paint:

Hazardous levels of lead and chromium are known to exist in yellow traffic stripes. As there is no yellow traffic striping within the project limits, no measures are required.

White traffic striping is also known to contain non-hazardous levels of lead. As there is no white traffic striping within the project limits, no additional measures are required.

Wood Posts:

Hazardous chemicals are known to exist in the wood posts associated with metal beam guardrail and sign posts. There are no existing guardrail posts within the projects limits and all sign posts within the project limits are mounted on metal posts. Caltrans SSP 14-11.14 – Treated Wood Waste will be incorporated into the construction contract as a precaution against treated wood being discovered on the site.

Asbestos:

Asbestos is not expected to be a potential issue. Most asbestos in rural bridges is typically found in: 1) shims for aluminum bridge rail, 2) in asbestos cement drain pipes, or 3) in the aggregate in concrete. The existing bridge does not utilize the type of bridge rail that is associated with asbestos shims and does not have any pipe drains. The concrete in the structure will be tested by the County at a later date; however, asbestos is not expected to be found as six tests within the last few years on structures of a similar age had negative results. If tests on the concrete should indicate the presence of asbestos, Caltrans SSP 14-11.16 – Asbestos Containing Construction Material in Bridges will be incorporated into the construction contract.

Residential Substances:

Potential contaminants from adjacent off-site properties would be minimal as the adjacent properties are also utilized for grazing with one residence located approximately 1,300 feet south of the project. As the one residence is most likely on a septic system for sewage disposal, a spill or leak could pose a potential health and safety concern in its immediate vicinity; however, in the unlikely event that a spill

or leak were to occur, the spill or leak would not be of such a magnitude that it would reach the project site and, if it should, there would be an effective response by trained safety personnel who would implement appropriate measures to contain the event and provide cleanup afterwards.

Similarly, residential households may contain paint and other hazardous substances that could contaminate the soil in their immediate vicinity, but due to the distance of the nearest residence from the project site, any impact from this would be highly remote.

The proposed project will not increase the risks associated with the potential concerns noted above as the project would not impact this property in such a manner to facilitate or increase the likelihood of these substances being released during construction or operation.

4. Regulatory Database Review (Envirostor/Geotracker)

An Envirostor and Geotracker database search was performed and did not identify any potential sites of concern within a one-mile radius of the project. Both results of the Envirostor and Geotracker search are included in Attachment E and F, respectively.

5. Findings and Conclusions

The ISA Transaction Screen Assessment (ISA-TSA) checklist is, by its very nature, limited in scope. Therefore, this investigation is intended to reduce, but not eliminate uncertainty regarding the presence of *potential environmental concerns* in connection with the subject property.

This ISA-TSA revealed the following information regarding the subject property:

- The subject property is located approximately 0.75 mile west of County Road 306 and 22 miles west the City of Orland in Glenn County, California. The subject property encompasses a 5.44-acre Environmental Study Limit (ESL) that is located on and adjacent to County Road 200 at Branch of Salt Creek. (Aerial Photograph – Attachment G)
- The subject property within the ESL contains a paved two-lane roadway with an existing bridge crossing Branch of Salt Creek that was constructed in 1925. Also in the ESL is a total of 0.366 acres of waters of the United States including intermittent stream and ephemeral stream.
- The adjoining properties consist of rural grazing land southeast with a single-family residential property on acreage to the south.
- The subject property is not identified on Envirostor and Geotracker regulatory database lists.
- None of the adjoining properties were noted on Envirostor and Geotracker regulatory database lists.
- No areas of environmental concern were noted within the scope of this investigation.

WILLDAN has performed an ISA Transaction Screen Assessment, in conformance with the provisions of *Caltrans Initial Site Assessment Guidance Document (September 2006)*.

Within the scope of this investigation, WILLDAN discovered no evidence of potential environmental concerns in connection with the subject property which suggest the need for further investigation at this time.

List of Attachments

Attachment A – Site Vicinity and Location Map

Attachment B – Field Assessment Attendees, October 4, 2017

Attachment C – Field Assessment Field Notes, October 4, 2017

Attachment D – Initial Site Assessment Transaction Screen Checklists (Subject
Property/Adjacent Properties)

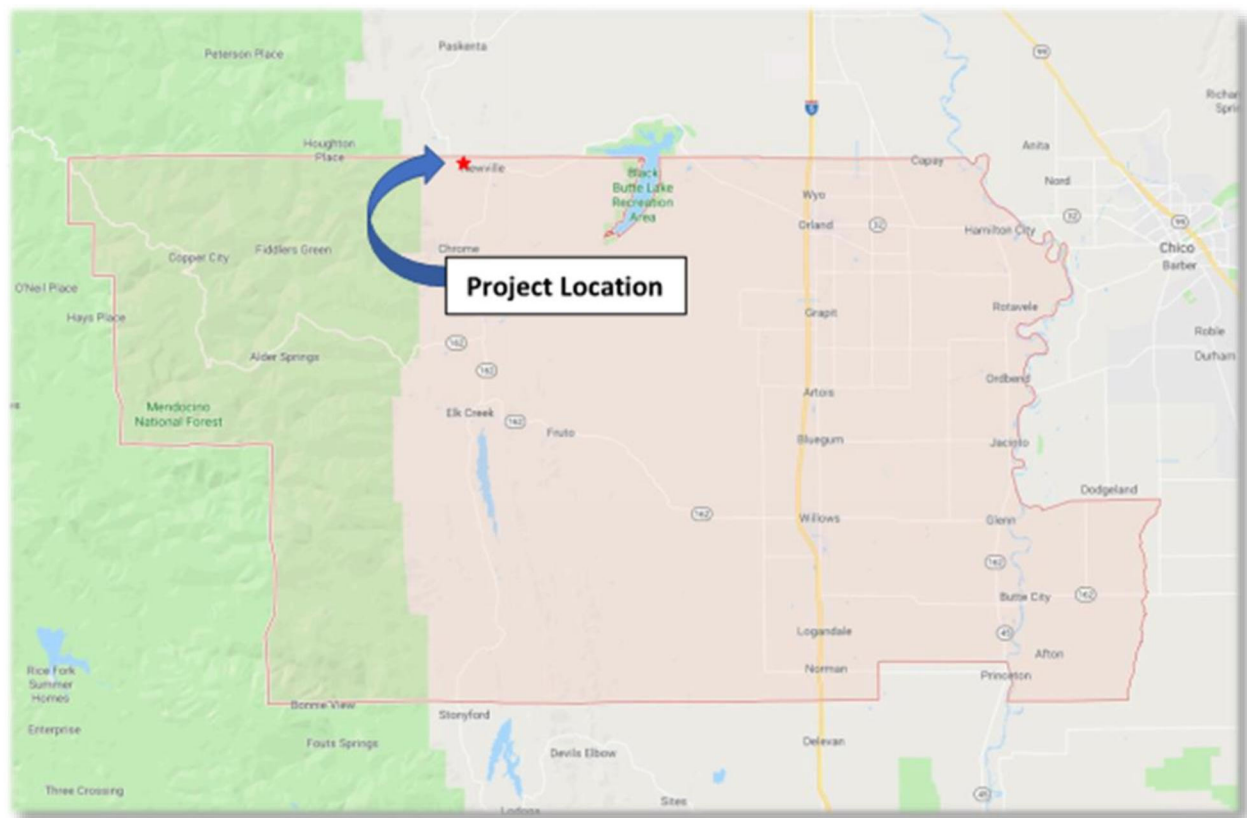
Attachment E – Envirostor Database Review

Attachment F – Geotracker Database Review

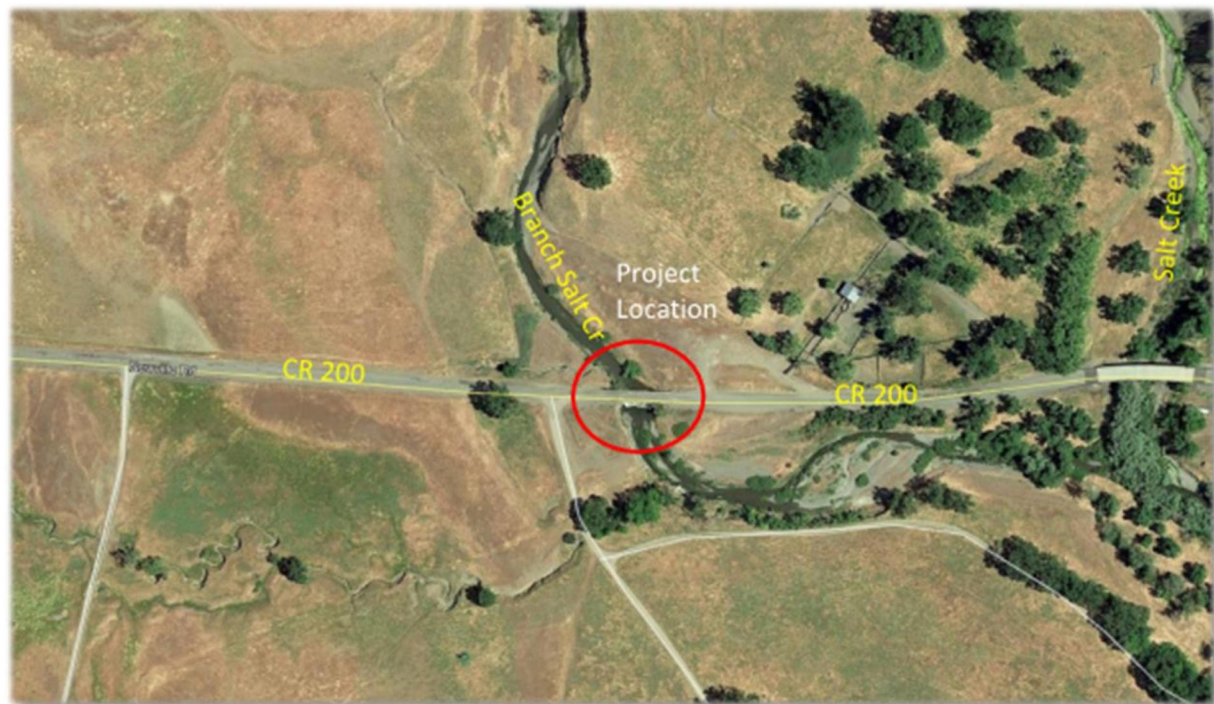
Attachment G – Aerial Photograph

ATTACHMENT A

Site Vicinity and Location Map



LOCATION MAP



VICINITY MAP

ATTACHMENT B

Field Assessment Attendees
October 4, 2017

**COUNTY OF GLENN
SALT CREEK BRIDGE REPLACEMENT PROJECT
ON
COUNTY ROAD 200**

SITE MEETING ATTENDEES

October 4, 2017
1:30 p.m. – 3:00 p.m.

Willdan Engineering:

Gary Gordon, Project Manager/Project Engineer
Terry Abbot, QA/QC Manager/Caltrans Liaison
Joseph DeMartini, Bridge Engineer
Richard Uhlmann, Senior Designer

County of Glenn:

Matt Gomes, Deputy Director
Cole Grube, Associate Engineer
Sam Lee, Engineering Tech I

Caltrans

Chris Carroll, State Environmental Lead
William Larson, State Archeological Lead
Brooks Taylor, State Biological Lead

North State Resources

Mark Wuestehube, Environmental Project Manager
Tim Hanson, Biologist

ATTACHMENT C

Field Assessment Notes
October 4, 2017

**COUNTY OF GLENN
BRIDGE REPLACEMENT PROJECT**

**CR 200 at BRANCH SALT CREEK
Fed Aid No. BRLO 5911(058)**

SITE MEETING NOTES

October 4, 2017
1:30 p.m. – 3:00 p.m.

I. Attending

- a. County of Glenn
 - 1. Matt Gomes, Deputy Director
 - 2. Cole Grube, Associate Engineer
 - 3. Sam Lee, Engineering Tech I
- b. Willdan Engineering
 - 1. Gary Gordon, Project Manager/Project Engineer
 - 2. Terry Abbott, QA/QC Manager/Caltrans Liaison
 - 3. Joseph DeMartini, Bridge Engineer
 - 4. Richard Uhlmann, Senior Designer
- c. North State Resources
 - 1. Mark Wuestehube, Environmental Project Manager
 - 2. Tim Hanson, Biologist
- d. Caltrans
 - 1. Chris Carroll, State Environmental Lead
 - 2. William Larson, State Archeological Lead
 - 3. Brooks Taylor, State Biological Lead

II. Site Notes

- a. Site located on County Road 200 at Branch of Salt Creek approximately 0.75 miles west of County Road 306
- b. Creek typically dries up during the summer months
- c. Surrounded by flat to rolling grasslands
- d. Corral and cattle operation in the northeast quadrant (Need to maintain access during construction)
- e. Potential staging area in northeast quadrant
- f. There is an existing low water crossing used by timber trucks when there are logging operations further west on County Road 200
- g. There is a backbone fiber-optic cable on the bridge and running east/west in County Road 200

III. Construction Notes

- a. New bridge will be placed on same basic alignment
- b. Right of way is prescriptive
 - 1. Fee title and TCE's will be required
- c. The westerly approach length is within the HBP limits

- d. The easterly approach length is approximately 200-ft greater than the HBP limits to tie into previous road improvements
- e. New bridge will be a two-lane structure to accommodate two lane approaches
- f. Pending results of hydraulics, the new bridge will most likely be either be a single span R/C box girder or a multi-span R/C slab
- g. A low water crossing detour will be utilized to maintain traffic during construction
- h. Existing bridge will be removed
- i. New bridge will have 28-ft clear width per AASHTO Guidelines

IV. Environmental Notes

- a. Elderberry shrubs are within project limits
 - 1. Project is outside the limits of known Valley Elderberry Longhorn Beetle; therefore, no need to address in document.
 - 2. No need for consultation
- b. Need Location Hydraulic Study and Floodplain Studies
- c. Brooks noted there are no Section 7 issues.
- d. Need Wetlands Delineation and Assessment
- e. Need NES (Birds and bats)
- f. Need ASR/HPSR and possibly HRER
- g. Need hazardous waste Initial Site Assessment
 - 1. ISA Transaction Screen is acceptable
- h. Need typical permits; ACOE 404, CDFW 1602, & RWQCB 401
- i. NEPA will be Cat Ex with Technical Studies

ATTACHMENT D

Initial Site Assessment –
Transaction Screen Checklist
(Subject/Adjacent Properties)

INITIAL SITE ASSESSMENT - TRANSACTION SCREEN FORM (SUBJECT PROPERTY)

Caltrans Project: BRLO 5911 (058)

APN: Br. No. 11C-0132/CR200/SALT CK

Property Owner: COUNTY OF GLENN

Property Occupant: PWA

Evidence of the following on the Subject Property?

	Environmental List Search		Owner Interview			Occupant Interview			Site Reconnaissance		Transaction Screen Completion	
	Envirostor/Geotracker		Public Works Agency			Public Works Agency			Gary Gordon		Gary Gordon	
	9/17/20		10-04-17			10-04-17			10-04-17		10/17/20	
	Yes	No	Yes	No	Unknown	Yes	No	Unknown	Yes	No	Comments on all "Yes" or "unknown" Answers Does this condition represent a PEC?	
1. Current Industrial Land Use	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
2. Historical Industrial Use	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐		
3. Gasoline Station	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
4. Motor Repair Facility	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
5. Commercial Printing Facility	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
6. Dry Cleaner	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
7. Photo Developing Laboratory	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
8. Junkyard	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
9. Landfill	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
10. Waste Generation/Accumulation	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
11. Waste Treatment/Disposal/Recycling	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
12. Wastewater Disposal (non-Sewage)	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
13. Sewage Disposal	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
14. Automotive/Industrial Batteries	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
15. Pesticides	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
16. Paint/Other Chemicals	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
17. Drums/Sacks	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
18. Storage of Petroleum Products	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
19. Storage of Hazardous Substances	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
20. Imported Fill Soil	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
21. Pits, Ponds, or Lagoons	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
22. Stained Soil	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		

INITIAL SITE ASSESSMENT - TRANSACTION SCREEN FORM (SUBJECT PROPERTY)

Caltrans Project: BRLO 5911 (058)

APN: Br. No. 11C-0132/CR200/SALT CK

Property Owner: COUNTY OF GLENN

Property Occupant: PWA

Evidence of the following on the adjacent properties?

	Environmental List Search		Owner Interview			Occupant Interview			Site Reconnaissance		Transaction Screen Completion	
	Envirostor/Geotracker		Public Works Agency			Public Works Agency			Gary Gordon		Gary Gordon	
	9/17/20		10-04-17			10-04-17			10-04-17		10/17/20	
	Yes	No	Yes	No	Unknown	Yes	No	Unknown	Yes	No	Comments on all "Yes" and "Unknown" Answers Does this condition represent a PEC?	
23. Underground Storage Tanks, Aboveground Storage Tanks, Vents, Fill Pipes, Access Ways	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐		
24. Leaks or Spills	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐		
25. Floor Drains/Staining at Walls/Ceiling	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
26. Contaminated Well Water	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐		
27. Environmental Liens	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐		
28. Environmental Violation Notices	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐		
29. Environmental Site Assessment	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐		
30. Environmental Law Suits	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐		
31. Waste Burial	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐		
32. PCB-Containing Transformers or Capacitors	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
33. Burn Dump	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
34. Other Evidence of Petroleum Releases	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
35. Other Evidence of Hazardous Substance Releases	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐		
36. Potential for Aerially-Deposited Lead	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
37. Evidence of Naturally Occurring Asbestos	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
38. Asbestos Containing Materials	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		
39. Thermoplastic Traffic Striping	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒		

Approval:

Preparer

Date

Note: Form generally developed from ASTM 1528-06 "Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process."

INITIAL SITE ASSESSMENT - TRANSACTION SCREEN FORM (ADJACENT PROPERTY)

Caltrans Project: BRLO 5911 (058)
 APN: Br. No. 11C-0132/CR200/SALT CK
 Property Owner: COUNTY OF GLENN
 Property Occupant: PWA

Evidence of the following on the adjacent properties?	Environmental List Search		Owner Interview			Occupant Interview			Site Reconnaissance		Transaction Screen Completion
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INITIAL SITE ASSESSMENT - TRANSACTION SCREEN FORM (ADJACENT PROPERTY)

Caltrans Project: BRLO 5911 (058)

APN: Br. No. 11C-0132/CR200/SALT CK

Property Owner: COUNTY OF GLENN

Property Occupant: PWA

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Approval:

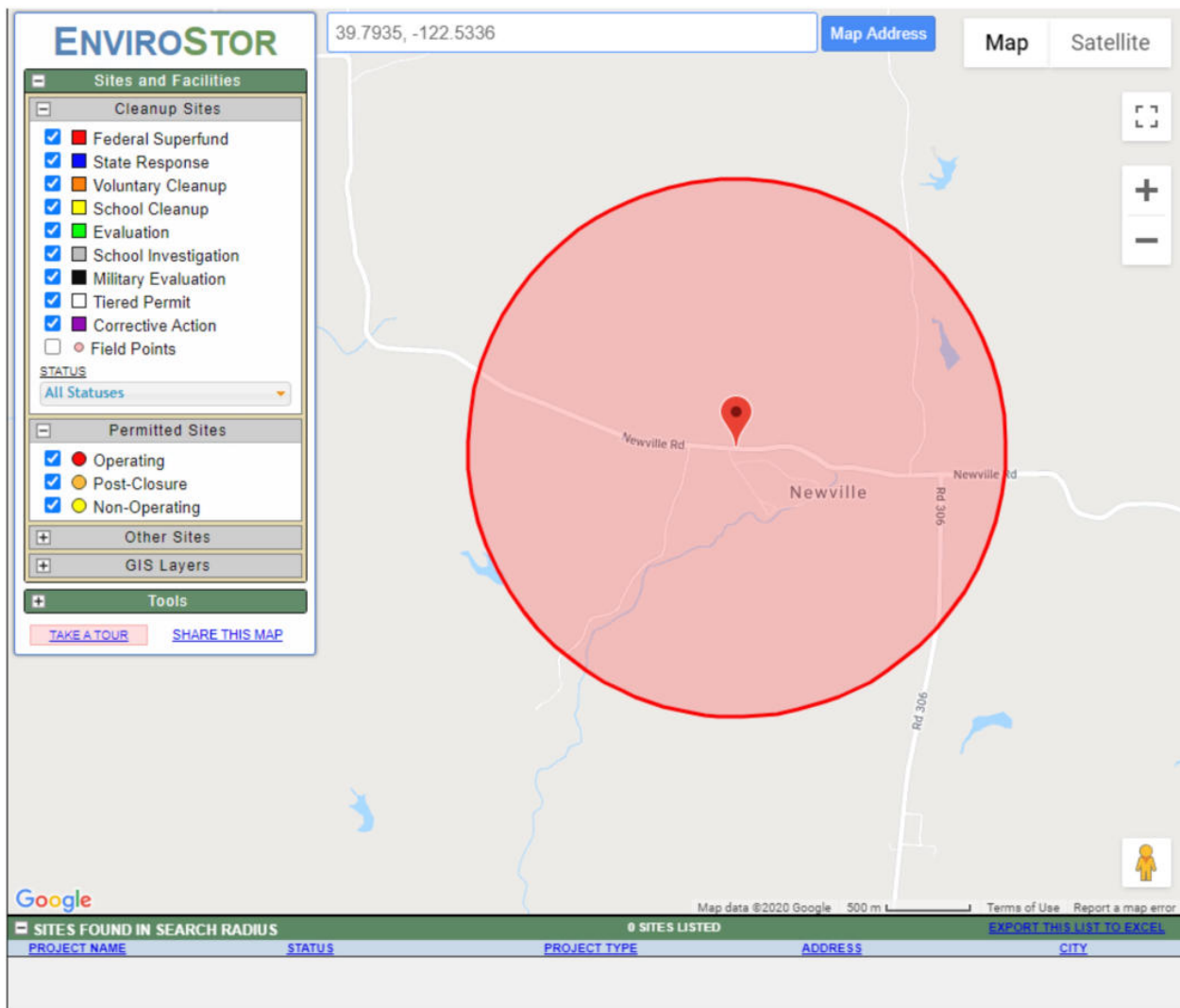
Preparer

Date

Note: Form generally developed from ASTM 1528-06 "Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process."

ATTACHMENT E

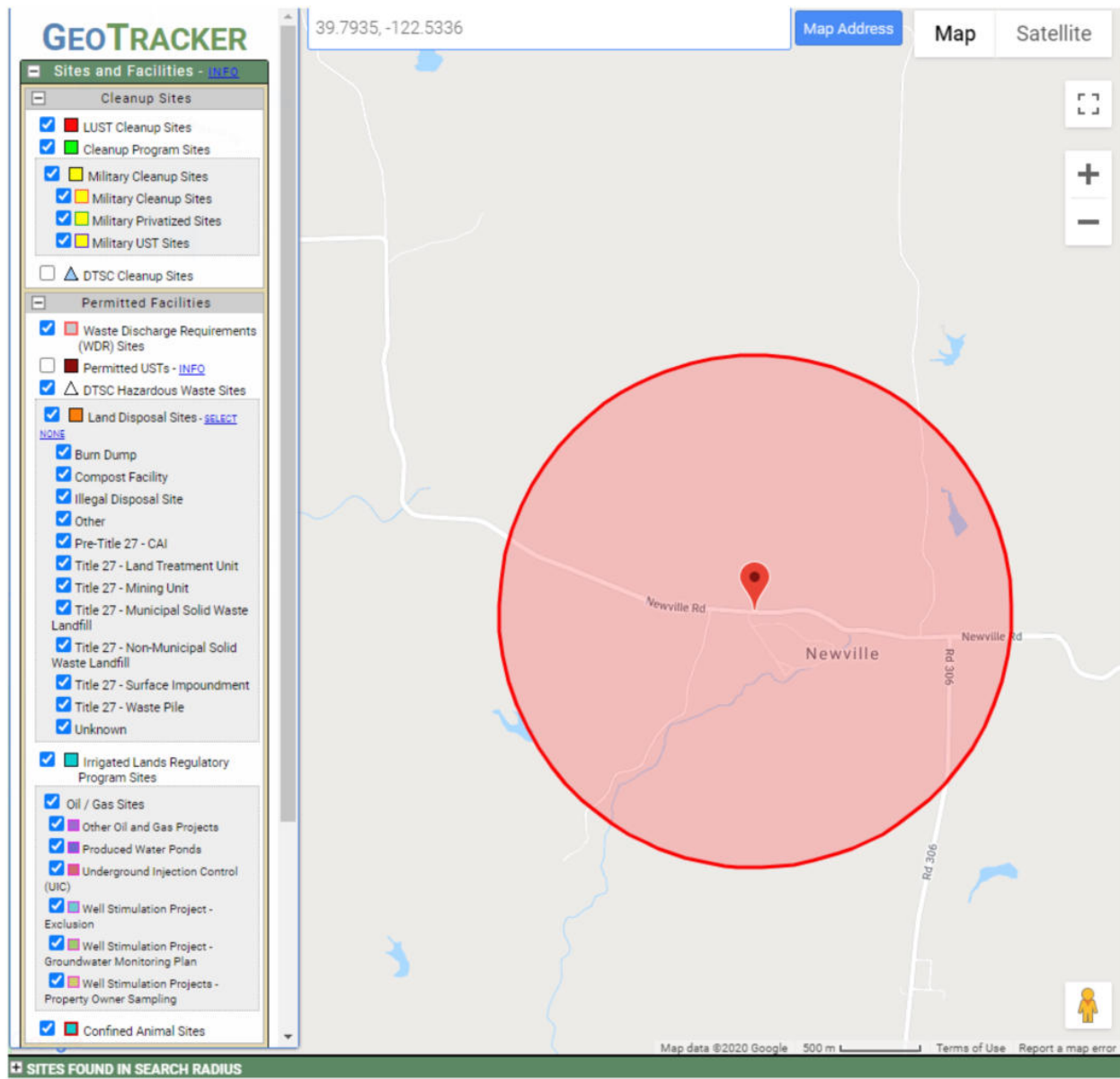
Envirostor Database Review



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ISA Transaction Screen

ATTACHMENT F

Geotracker Database Review



County Road 200 at Branch Salt Creek Bridge Replacement
 BRLO 5911(058)
 ISA Transaction Screen

ATTACHMENT G

Aerial Photographs

County of Glenn
Public Works Agency
County Road 200 at Branch Salt Creek Bridge Replacement
Fed Aid No. BRLO 5911(058)



Aerial Photo