



Staff Report

TO: Honorable Mayor and Members of the Town Council
FROM: Mary Beth Van Voorhis, Planning Director
DATE: July 9, 2019
RE: REMOVAL AND ABATEMENT OF CONTAMINATED SOIL
 3800 TAYLOR ROAD – A PORTION OF APN 044-133-003 AND 044-121-074

RECOMMENDATION

Town Council approve Resolution #19-XX authorizing the Town Manager to file a Notice of Categorical Exemption pursuant to the Class 1 and Class 30 Categorical Exemptions for the remediation and rehabilitation of Town owned property located at 3800 Taylor Road on a portion of APN 044-133-003 and 044-121-074.

ISSUE STATEMENT AND DISCUSSION

The Town owns a 4.08-acre property comprised of three parcels (APN 044-133-003, 044-080-063, and 044-121-074 and recently completed a merger of these parcels recorded on April 25, 2019, Document #2019-0025958-00. The property was formerly the site of WW Molding Company and prior to that C.R. England, Inc. The Town intends to transfer this property to the Loomis Mill Group for rehabilitation and future use.

The Town retained Geocon Consultants, Inc. to perform a Phase 1 Environmental Site Assessment on the property and prepare a Removal Action Workplan (RAW). The report identified certain environmental concerns on the property.

To remediate the environmental concerns identified by Geocon Consultants, Inc., Town Staff determined that remediation of the environmental concerns identified in the report are categorically exempt from analysis under the California Environmental Quality Act (CEQA) pursuant to the Class 30 Categorical Exemption (Minor Actions to Prevent, Minimize, Stabilize, Mitigate or Eliminate the Release or Threat of Release of Hazardous Waste or Hazardous Substances) as described in the CEQA Guidelines at 14 C.C.R. Section 15330 because the project has a total expected cost of less than \$1 million and consists of excavation and offsite disposal of contaminated soils.

Town Staff has also analyzed the proposed rehabilitation of the Property and determined that the rehabilitation of the Property is categorically exempt from analysis under CEQA pursuant to the Class 1 Categorical Exemption (Existing Facilities) as described in the CEQA Guidelines at 14 C.C.R. Section 15301 because the proposed rehabilitation would restore damaged facilities and bring them within current public health and safety standards.

CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA) REQUIREMENTS

Filing the attached Notice of Exemption, Class 1 and Class 30 meets the California Environmental Quality Act requirements.

FINANCIAL AND/OR POLICY IMPLICATIONS

None.

ATTACHMENTS

Resolution #19-XX

TOWN OF LOOMIS**RESOLUTION NO. 19 – XX****RESOLUTION OF THE TOWN COUNCIL OF THE TOWN OF LOOMIS
AUTHORIZING THE TOWN MANAGER TO FILE A NOTICE OF CATEGORICAL
EXEMPTION FOR THE REMEDIATION AND REHABILITATION OF THE
PROPERTY LOCATED AT 3800 TAYLOR ROAD IN LOOMIS, CALIFORNIA**

WHEREAS, the Town presently owns a 4.08-acre property comprised of three parcels (APNs 044-133-003, 044-080-063, and 044-121-074) ("Property") where W&W Moulding Co. and C.R. England, Inc. previously operated; and

WHEREAS, the Town retained Geocon Consultants, Inc. to perform a Phase I Environmental Site Assessment on the Property and prepare a Removal Action Workplan, attached hereto as Exhibit 1; and

WHEREAS, the Geocon Consultants, Inc. identified certain environmental concerns on the Property; and

WHEREAS, the Town intends to remediate the environmental concerns identified by Geocon Consultants; and

WHEREAS, Town Staff has analyzed the type of remediation activities necessary pursuant to the Removal Action Workplan and determined that remediation of the environmental concerns identified are categorically exempt from analysis under the California Environmental Quality Act ("CEQA") pursuant to the Class 30 Categorical Exemption (Minor Actions to Prevent, Minimize, Stabilize, Mitigate or Eliminate the Release or Threat of Release of Hazardous Waste or Hazardous Substances) as described in the CEQA Guidelines at 14 C.C.R. Section 15330 because the project has a total expected cost of less than \$1 million and consists of excavation and offsite disposal of contaminated soils; and

WHEREAS, the Town intends to transfer the Property to Loomis Mill Group for rehabilitation and use by Loomis Mill Group; and

WHEREAS, Town Staff has analyzed the proposed rehabilitation of the Property and determined that the rehabilitation of the Property is categorically exempt from analysis under CEQA pursuant to the Class 1 Categorical Exemption (Existing Facilities) as described in the CEQA Guidelines at 14 C.C.R. Section 15301 because the proposed rehabilitation would restore damaged facilities and bring them within current public health and safety standards.

NOW, THEREFORE, IT IS HEREBY RESOLVED that Council of the Town of Loomis hereby directs the Town Manager to file the Notice of Categorical Exemption pursuant to the Class 1 and Class 30 Categorical Exemptions for the remediation and rehabilitation of the Property, attached hereto as Exhibit 2.

PASSED AND ADOPTED by the Council of the Town of Loomis on this th day of July 2019 by the following vote:

AYES:
NOES:
ABSENT:
ABSTAIN:

Tim Onderko, Mayor

ATTEST:

Charleen Strock, Town Clerk

ATTACHMENTS:

Exhibit 1 – Removal Action Plan
Exhibit 2 – Notice of Categorical Exemption

REMOVAL ACTION WORKPLAN

Town of Loomis
3800 Taylor Road
Loomis, California

PREPARED FOR:

**TOWN OF LOOMIS
3665 TAYLOR ROAD
LOOMIS, CALIFORNIA**

PREPARED BY:

**GEOCON CONSULTANTS, INC.
3160 GOLD VALLEY DRIVE, SUITE 800
RANCHO CORDOVA, CALIFORNIA 95742**



TABLE OF CONTENTS

REMOVAL ACTION WORKPLAN	PAGE
1.0 INTRODUCTION	1
1.1 Site Setting	1
1.2 Proposed Site Redevelopment.....	1
1.3 Cleanup Oversight Responsibility.....	2
1.4 Project Organization	2
2.0 BACKGROUND	3
2.1 Site Location and Description.....	3
2.1.1 Name and Address	3
2.1.2 Owner's Contact Person, Mailing Address and Telephone Number	3
2.1.3 Environmental Consultant's Contact Information	3
2.1.4 USEPA Identification Number and EnviroStor Database Number.....	3
2.1.5 Assessor's Parcel Numbers and Map	4
2.1.6 Ownership	4
2.1.7 Township, Range, Section and Meridian	4
2.2 Operational History and Status	4
2.3 Topography	4
2.4 Geology and Hydrogeology	4
2.4.1 Geology and Soil Types	4
2.4.2 Hydrogeologic Setting	5
2.5 Surrounding Land Use and Sensitive Ecosystems	5
2.6 Cultural Resources and Native Tribes.....	5
2.7 Previous Investigations	5
2.8 Supplemental Soil Assessment	7
2.8.1 Soil Sampling.....	7
2.8.2 Laboratory Analysis and Results	7
3.0 NATURE, SOURCE AND EXTENT OF CONTAMINANTS.....	9
3.1 Type, Source and Location of Contaminants	9
3.2 Extent and Volume of Soil Contamination	9
3.3 Health Effects of Contaminants	9
4.0 REMOVAL ACTION CLEANUP GOALS	10
5.0 REMOVAL ACTION IMPLEMENTATION	11
5.1 Work Notification	11
5.2 Health and Safety Plan.....	11
5.3 Site Preparation and Utility Clearance.....	11
5.4 Soil Excavation, Stockpiling, and Loading.....	11
5.4.1 Excavation and Stockpiling.....	11
5.4.2 Loading	12
5.4.3 Dust Control.....	12
5.4.4 Equipment Decontamination.....	12
5.5 Confirmation Sampling and Analysis	12
5.6 Supplemental Groundwater Assessment.....	13
5.7 Backfill and Site Restoration	13
5.8 Waste-Profile Sampling	13
5.9 Field Documentation.....	13
5.10 Removal Action Completion Report.....	14
6.0 TRANSPORTATION PLAN.....	15

LIST OF ACRONYMS AND ABBREVIATIONS

AST	aboveground storage tank
ATL	Advanced Technology Laboratories
BTEX	benzene, toluene, ethylbenzene and total xylenes
CEG	Certified Engineering Geologist
COC	chain-of-custody
CSWRCB	California State Water Resources Control Board
CVRWQCB	Central Valley Regional Water Quality Control Board
DRO	diesel-range organics
DTSC	Department of Toxic Substances Control
ESA	Environmental Site Assessment
ft ²	square feet
GRO	gasoline-range organics
HSP	health and safety plan
mg/kg	milligrams per kilogram
mg/l	milligrams per liter
ORO	oil-range organics
PE	Professional Engineer
RACR	Removal Action Completion Report
RAW	Removal Action Workplan
UCL	upper confidence limit
UP	Union Pacific
USA	Underground Service Alert
USEPA	United States Environmental Protection Agency
VCA	Voluntary Cleanup Agreement
VOCs	volatile organic compounds
yd ³	cubic yard

1.3 Cleanup Oversight Responsibility

The Town of Loomis has entered into a VCA with the CVRWQCB. The CVRWQCB will provide regulatory oversight of the cleanup, including review/approval of this RAW including remedial soil excavation and offsite landfill disposal, confirmation sampling and analytical testing, supplemental groundwater assessment, and site restoration/closure activities. After the soil cleanup is completed and the supplemental groundwater assessment generally complies with low threat criteria for petroleum releases, the CVRWQCB will issue a regulatory case closure.

1.4 Project Organization

The organization, name, title/responsibility, phone numbers, and contact information of personnel associated with the RAW are summarized in the following table:

ORGANIZATION	NAME	TITLE OR RESPONSIBILITY	PHONE/EMAIL
CVRWQCB	Steve Meeks	Project Supervisor	916.464.4678 Steve.Meeks@watboards.ca.gov
CVRWQCB	William Brattain, PE	Project Manager	916.464.4622 Bill.Brattain@waterboards.ca.gov
Town of Loomis	Sean Rabé	Loomis Town Manager	916.652.1840 Srabe@loomis.ca.gov
Geocon	John Juhrend, PE, CEG	Technical Manager	916.852.9118 juhrend@geoconinc.com
Geocon	Nicole Hastings-Bethel	Project Manager	916.852.9118 hastings@geoconinc.com
Advanced Technology Laboratories	Rachelle Arada	Project Manager	562.989.4045 x237 Rachelle@atglobal.com

2.1.5 Assessor's Parcel Numbers and Map

Placer County Assessor Parcel Numbers: 044-133-003, 044-080-063, and 044-121-074

Acreage: 4.08 acres

Land Use and Zoning: Currently vacant; Zoned CG, General Commercial.

2.1.6 Ownership

The current owner of the Site is the Town of Loomis.

2.1.7 Township, Range, Section and Meridian

The Site is in the eastern portion of Section 9 of Township 11 North, Range 7 East, Mount Diablo Base and Meridian.

2.2 Operational History and Status

Business Type: The Site is not currently used by or for any business.

Prior Land Use: Prior to 2019 - The Site was operated as the W&W Moulding company since the 1980s. Prior to that England Trucking operated a tractor trailer truck facility including a diesel AST for refueling.

Facility Ownership/Operators: There are no operating facilities on the Site.

Property Owners: Town of Loomis

Surrounding Land Use: Primarily commercial, railroad and light industrial

2.3 Topography

The United States Geological Survey *Rocklin, California* topographic map shows the topography of the Site as gently south-sloping at elevations ranging from approximately 350 to 370 feet above mean sea level.

2.4 Geology and Hydrogeology

Information regarding the geology and hydrogeology of the Site and vicinity was obtained from prior site investigation reports prepared by Geocon.

2.4.1 Geology and Soil Types

The Site is located in the southeastern Sacramento Valley, which is the northern portion of the Great Valley geomorphic province of California. The Sacramento Valley is bounded by the Sierra Nevada to the east, the Coast Ranges to the west, and drains west to the Sacramento-San Joaquin delta. The Sacramento Valley is predominantly filled with a thick sequence of Jurassic to Recent-age sedimentary deposits both continental and marine in origin.

of W&W Moulding, confirmed that England & Sons formerly operated a “large” diesel AST for refueling tractor trailer trucks through the early 1970s. Soil impacts were only identified in samples obtained from boring B1 located near the former diesel AST. Diesel concentrations of 3,400 and 1,700 milligrams per kilogram (mg/kg) were reported for soil samples obtained from boring B1 at depths of 2 and 6 feet, respectively. Forensic analysis of sample B1-2 indicated the diesel fuel was likely released into the environment prior to 1990. Diesel-impacted soil was observed in trenches T2 and T4.

2004 Limited ESA - We completed seven additional borings in June 2004 (B3 through B9) to further define the extent of diesel-impacted soil and groundwater. Diesel-impacted soil was identified in borings B3, B4, and B5 to a maximum depth of 6 feet. Groundwater samples obtained from borings B5, B6, and B8 contained diesel at concentrations ranging from 1.2 to 6.1 milligrams per liter (mg/l). Our referenced October 2004 Report was submitted to Ms. Wendy Cohen with the CVRWQCB by UP in December 2004. Based on information provided by Ms. Cohen in October 2008, the CVRWQCB did not actively required additional assessment or corrective action with respect to the identified diesel soil and groundwater impacts due to other priority hazardous substance release cases. Ms. Cohen indicated at that time that the CVRWQCB will be the lead oversight agency when corrective action and regulatory “no further action” closure status is pursued under the Spills, Leaks, Investigations and Cleanup program.

2008 Phase I and II ESA - We completed another seven borings and one trench in November 2008 (B10 through B16 and trench LT8), to further define the extent of diesel-impacted soil and groundwater identified on the Site near the former diesel AST. The approximate extent of diesel-impacted soil was defined as depicted on Figure 2. Diesel was detected in groundwater samples collected from each of the November 2008 perimeter borings at concentrations less than or near the CVRWQCB water quality objective (taste and odor threshold) of 0.1 mg/l.

2019 Phase I ESA - We completed a Phase I ESA in February 2019 that identified environmental concerns at the Site including the presence of documented diesel soil and groundwater impacts associated with the former diesel AST, stained soil areas, and a former railroad spur.

2019 Structure Survey - We completed an asbestos and lead-containing paint survey of the vacant onsite mill building. Asbestos was identified in samples of floor tile and roofing mastic. Appropriate asbestos abatement procedures were presented. Lead was not detected in paint samples at concentrations exceeding hazardous waste thresholds.

The 2019 Phase I ESA was submitted to the CVRWQCB who provided a written review letter dated May 15, 2019 requesting a workplan for additional site assessment. Geocon and CVRWQCB representatives subsequently met and determined that additional site assessment of soil and groundwater would be incorporated into this RAW.

Excerpts from the 2008 Phase I and II ESA Report including figures, data table summaries of the historical soil and groundwater data, and copies of boring and trench logs for the Site are in Appendix A. The approximate soil boring and trench locations are depicted on the Site Plan, Figure 2.

contain GRO or VOCs at concentrations exceeding the laboratory reporting limits. Metal concentrations were reported within the range of naturally occurring background levels. Based on the elevated DRO and ORO concentrations and visually stained soil, the soil stain area will be included within the planned soil removal areas.

Surface soil samples SS3 and SS4 collected from the former railroad spur contained metals at concentrations within the range of naturally occurring background levels. Based on the laboratory data and lack of field indicators of impacts (i.e. staining, odors, distressed vegetation, etc.), no further assessment is warranted for the former railroads spur area.

Composite sample SP-COMP collected from the planned import backfill material source contained respective DRO and ORO concentrations of 4.7 and 12 mg/kg. Metal concentrations were reported within the range of naturally occurring background levels. Based on the laboratory data and lack of field indicators of impacts (i.e. staining, odors, etc.), the import source should be suitable for use as remedial excavation backfill material.

A copy of the ATL analytical report is in Appendix B.

4.0 REMOVAL ACTION CLEANUP GOALS

The proposed cleanup goals for regulatory unrestricted residential land use are summarized below:

COC	Maximum Concentration (mg/kg)	Proposed Unrestricted Cleanup Goal (mg/kg)	Source
Diesel	7,100	260	San Francisco Bay Regional Water Quality Control Board's Residential Environmental Screening Level (ESL) for diesel, January 2019 (Revision 1)
Oil	28,000	1,000	Site-specific ceiling value reduced from San Francisco Bay Regional Water Quality Control Board's Tier 1 ESL for motor oil of 1,600 mg/kg, January 2019 (Revision 1)

mg/kg - milligrams per kilogram

The cleanup goals will be considered achieved when the analytical results of the confirmation soil samples collected from the excavation area indicate that any residual concentrations are at or below the respective screening levels. If one or more samples contain diesel or oil above the cleanup goal, then additional remedial excavation and confirmation sampling will be performed until the cleanup goal criteria is achieved.

Stockpiled soil will be managed to ensure that stormwater does not cause sediment-laden runoff from the stockpiles and that airborne dust is not generated. Excavated soil will be placed in the designated stockpile area on Town of Loomis property adjacent and west of the Site (Figure 4) on, and covered with, plastic sheeting, which will then be secured with weight and surrounded with stormwater best management practices such as straw wattles. Stockpiled soil will be characterized for waste disposal purposes as described in Section 5.4 and will not be stored onsite longer than 5 working days.

5.4.2 Loading

Following waste characterization and waste disposal facility acceptance of the stockpiled soil, the soil will be loaded into trucks for transportation to the waste disposal facility. A loader will be used to move soil from the stockpile to trucks. Additional truck loading details are provided in Section 6.1.2. Water spray will be applied prior to and during loading to minimize generation of airborne dust as described in Section 5.3.3.

5.4.3 Dust Control

During the soil-disturbing activities (e.g., excavation, stockpiling, and loading), water will be utilized to minimize or prevent generation of airborne dust. Water will be applied (sprayed) in work areas prior to daily work activities, during excavation/loading activities, and at truck staging/loading locations. Watering equipment will be continuously available to provide proper dust control. Soil-disturbing activities will be not performed during periods of high winds or during conditions when these activities cannot be prevented from generating visible airborne dust. The site safety officer will monitor onsite work for conditions that could require cessation of work.

5.4.4 Equipment Decontamination

Entry to the petroleum hydrocarbon-impacted areas will be limited to only authorized personnel and equipment to avoid unnecessary exposure and track-out of impacted soil to non-impacted areas of the Site or offsite. Trucks that are used for transporting excavated soil for offsite disposal will not require decontamination because they will not enter the impacted area. Excavation equipment that enters the diesel-impacted area will be dry-decontaminated in a designated area before leaving the Site.

5.5 Confirmation Sampling and Analysis

Following completed removal of petroleum hydrocarbon-impacted soil within the designated areas that exhibit field indicators of contamination (i.e. staining, odors, etc.), confirmation soil samples will be collected from the floor (and mid-point of the sidewall for the former diesel AST area) of the excavations for laboratory analysis to confirm the site cleanup goals have been met. We will collect soil samples from the former diesel AST area excavation bottom on a 20-by 20-foot grid pattern (minimum 6 samples) and one sidewall sample per approximately 50 linear feet of the excavation sidewalls (minimum 5 samples). Three confirmation soil samples will be collected from the base of the oil stain area excavation. The confirmation soil samples will be collected directly into laboratory-

5.10 Removal Action Completion Report

A Removal Action Completion Report (RACR) will be prepared and submitted to the CVRWQCB upon completion of the removal action. The RACR will document compliance and any deviations with this RAW, summarize the removal and offsite disposal of petroleum hydrocarbon-impacted soil, present the results of confirmation soil analytical data and supplemental groundwater assessment, and request regulatory closure status where appropriate. The RACR will include copies of the landfill disposal documents, laboratory reports, and site photographs.

6.3 Waste Shipment Documentation

For petroleum hydrocarbon-impacted soil that is transported offsite for landfill disposal as non-hazardous waste, a bill of lading or non-hazardous waste manifest will be used to document and accompany each truck shipment. At a minimum, the shipping document will include the name and address of the waste generator, transporter and disposal facility and a description and quantity of waste shipped. The Site Manager will maintain a copy of the shipping document for each truckload onsite until completion of the removal action. Following disposal, the transporter will provide copies of weigh tickets and invoices from the landfill.





 GEOCON CONSULTANTS, INC. <small>3168 GOLD VALLEY DR - SUITE 800 - RANCHO CORDOVA, CA 95742 PHONE 916.852.9118 - FAX 916.852.9132</small>		
3800 Taylor Road Loomis, California		
Planned Layout of Removal Action		
S8321-03-14	June 2019	Figure 4

APPENDIX

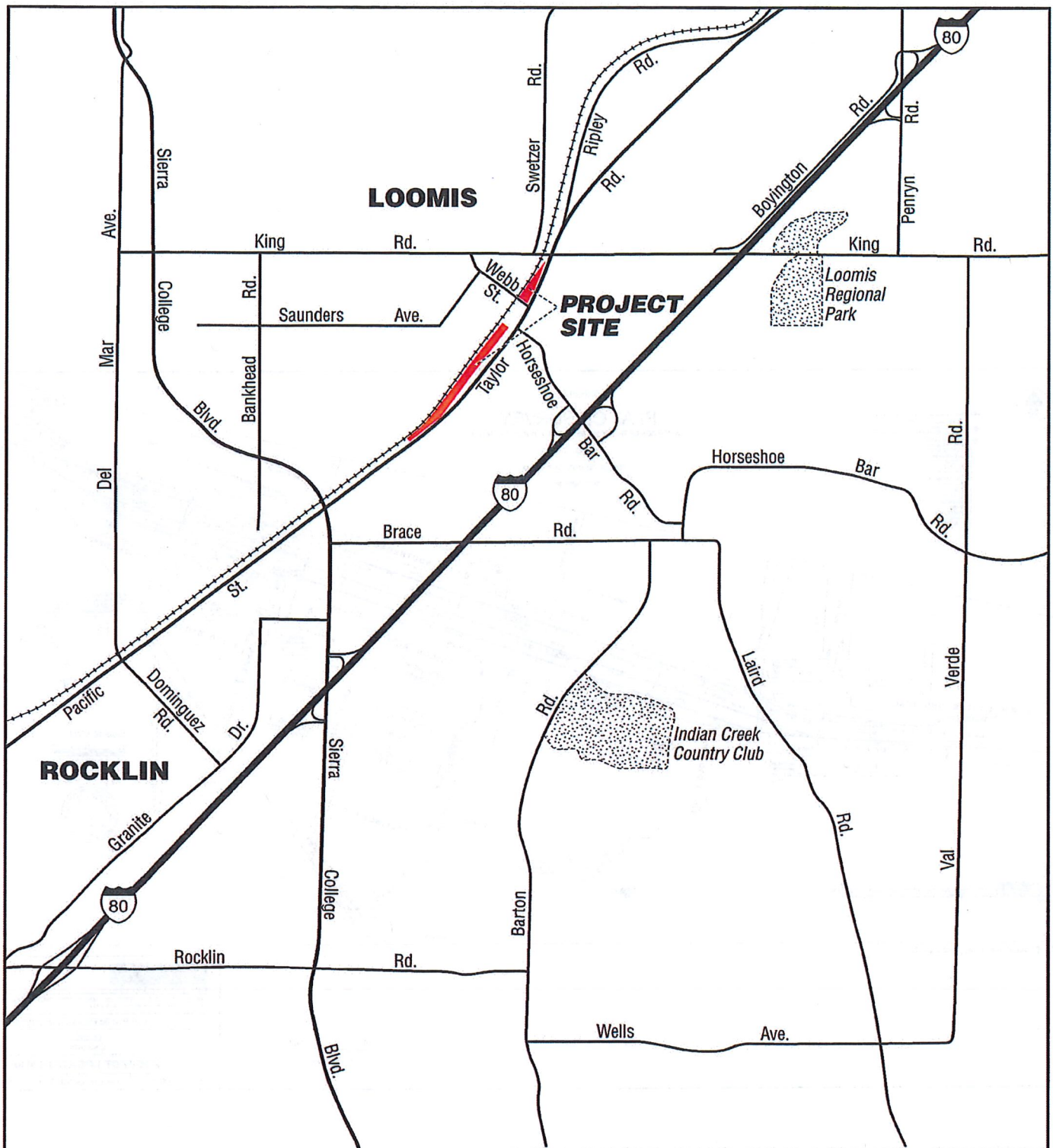
A



RECEIVED

RECEIVED FOR
TOWN OF BOSTON
25 HINGSTON ROAD
FOOT OF CALIFORNIA 02130

RECEIVED BY
TOWN OF BOSTON
25 HINGSTON ROAD
FOOT OF CALIFORNIA 02130



0 1/2
Scale in Miles

GEOCON

CONSULTANTS, INC.

3160 GOLD VALLEY DR. - SUITE 800 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132



Union Pacific Parcels 1 through 7

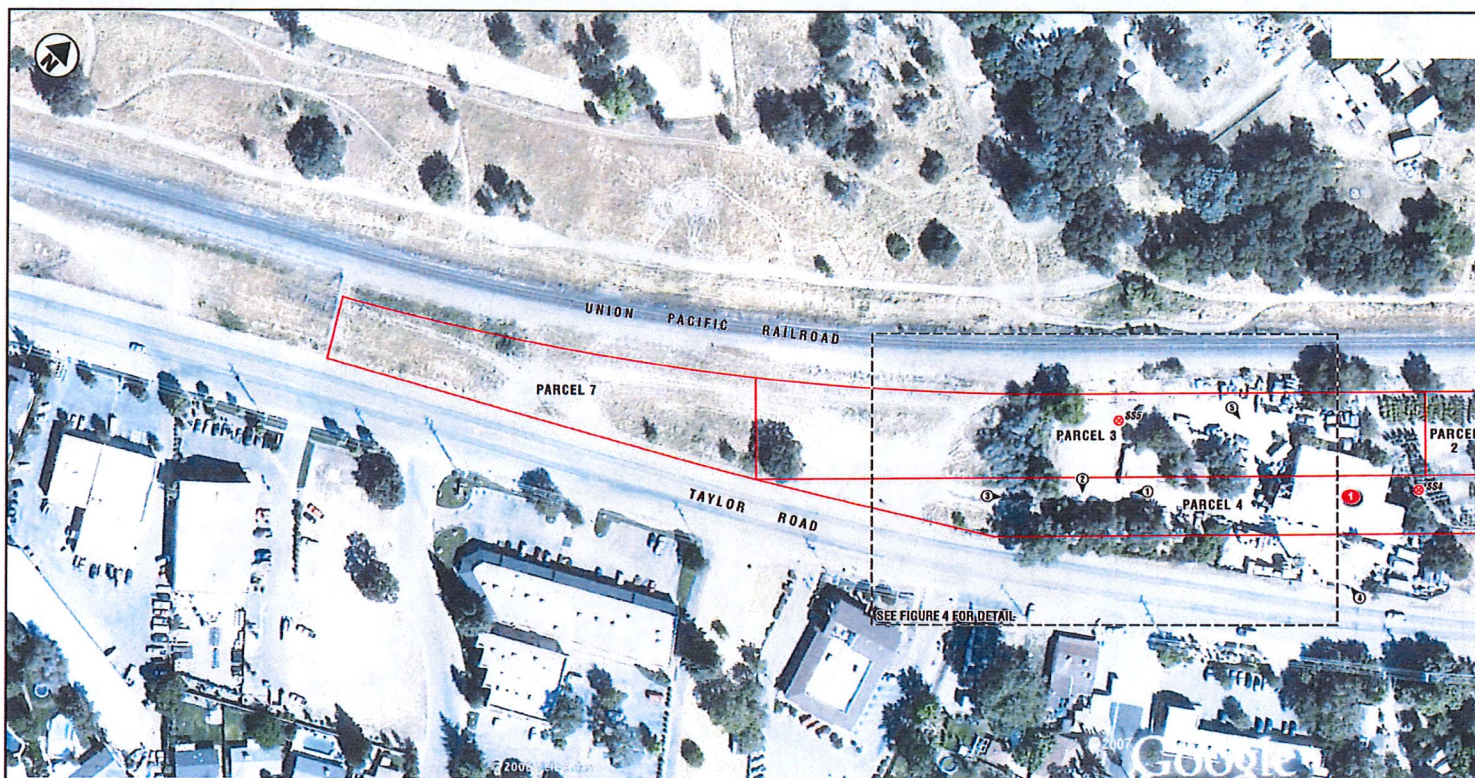
Loomis,
California

VICINITY MAP

S8321-06-11

December 2008

Figure 1



LEGEND:

SS1 Approximate Surface Soil Sample Location (Nov. 2008)

① Site Photograph Location & Orientation

Building/Facility Map Identification No.

① W & W Moulding

0 100
Scale in Feet

GEOCON
CONSULTANTS, INC.

2165 GOLD VALLEY DR., SUITE 200 - RANCHO CORDOVA, CA. 95742
PHONE 916 852-9118 - FAX 916 852-9132

Union Pacific Parcels 1 through 7

Loomis,
California

SITE PLAN

S8321-06-11

December 2008

Figure 3-1



Photo No. 1 Southwesterly View of Exploratory Backhoe Trenches T4, T2 and T3 (Nov. 2000)



Photo No. 2 Soil Staining Observed in Exploratory Trench T4 (Nov. 2000)

PHOTOS NO. 1 & 2

GEOCON
CONSULTANTS, INC.

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Union Pacific Parcels 1 through 7

Loomis,
California

GEOCON Project No. S8321-06-11

December 2008



Photo No. 5 View of Lumber and Cast Masonry Storage at W & W Moulding Facility (Parcel 3)



Photo No. 6 View of High-Hand Nursery Operations on Parcels 2 and 4

PHOTOS NO. 5 & 6

GEOCON
CONSULTANTS, INC.

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Union Pacific Parcels 1 through 7

Loomis,
California

GEOCON Project No. S8321-06-11

December 2008

TABLE 2
SUMMARY OF SOIL ANALYTICAL DATA - TITLE 22 METALS
UNION PACIFIC PARCELS 1 THROUGH 7
LOOMIS, CALIFORNIA

Loomis, California																		
		Arsiney	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
Sample ID	Sample Date	Results Reported as mg/kg																
LT1-0	11/6/2008	<2.0	<1.0	120	<1.0	<1.0	21	6.2	15	2.3	<1.0	15	<1.0	<1.0	<1.0	37	31	<0.10
LT2-1	11/6/2008	3.9	6.5	5300(13)	<1.0	5.3	24	4.8	57	760(26)[1.8]	2.3	17	<1.0	<1.0	<1.0	26	4000(190)	0.34
LT5-0	11/6/2008	<2.0	<1.0	140	<1.0	<1.0	18	5.3	14	<1.0	<1.0	14	<1.0	<1.0	<1.0	34	30	<0.10
Composite SS1-0, SS2-0, SS3-0, SS4-0	11/6/2008	<2.0	12.0	93	<1.0	<1.0	19	6.1	18	15	<1.0	14	<1.0	<1.0	<1.0	34	46	<0.10
SS5-0	11/6/2008	<2.0	6.7	81	<1.0	<1.0	23	5.3	20	55(3.6)	<1.0	18	<1.0	<1.0	<1.0	31	84	<0.10
TTL		500	500	10,000	75	100	2,500	8,000	2,500	1,000	3,500	2,000	100	500	700	2,400	5,000	20
10 x STL		150	50	1,000	7.5	10	50	800	250	50	3,500	200	10	50	70	240	2,500	2.0
Published Background Levels ¹ (mg/kg)		0.6	3.5	509	1.28	0.36	122	14.9	28.7	23.9	1.3	57	0.058	0.8	15.7	112	149	0.26
Residential CHHSLs		30	0.070	5,200	150	1.7	10,000/17	660	3,000	150	380	1,600	380	380	5.0	530	23,000	18

Notes:

Results in **BOLD** exceed California Hazardous Waste Threshold

mg/kg = Milligrams per kilogram

< = Less than the laboratory test method reporting limits

TTL = Total Threshold Limit Concentrations (mg/kg)

STLC = Soluble Threshold Limit Concentrations

¹Background: Mean Concentration - Background Concentrations of Trace and Major Elements in California Soils, U.C. Calif., March 1996

CHHSLs: California Human Health Screening Levels (Chromium III = 10,000; Chromium VI = 17)

(13) = Waste Extraction Test (WET) soluble results in milligrams per liter

[1.8] = Toxicity Characteristic Leaching Procedure (TCLP) soluble results in milligrams per liter

TABLE 4
 SUMMARY OF GROUNDWATER ANALYTICAL DATA
 UNION PACIFIC PARCELS 1 THROUGH 7
 LOOMIS, CALIFORNIA

SAMPLE I.D.	SAMPLE DATE	TPHg (mg/l)	TPHd (mg/l)	BTEX (µg/l)
B5W	6/24/2004	0.22	6.1	<0.50
B6W	6/24/2004	<0.050	1.2	<0.50
B8W	6/24/2004	<0.050	3.5	<0.50
B10W1	11/5/2008	---	0.16*	---
B11W1	11/5/2008	---	0.14*	---
B12W1	11/5/2008	---	0.090*	---
B13W1	11/5/2008	---	0.14*	---
B14W1	11/5/2008	---	0.11*	---
B15W1	11/5/2008	---	0.091*	---
B16W1	11/5/2008	---	0.080*	---
LT8W	11/6/2008	---	0.054*	---

Notes: TPHg = Total petroleum hydrocarbons as gasoline
 TPHd = Total petroleum hydrocarbons as diesel
 BTEX = Benzene, toluene, ethylbenzene and total xylenes
 mg/l = milligrams per liter
 µg/l = micrograms per liter
 < = Less than laboratory test method detection limits
 --- = Not analyzed
 * = Silica gel cleanup

PROJECT NO. S8321-06-04



PROJECT NO. 0001-0000				BORING NO. B1		SOIL (USCS)	HEADSPACE (PPM)	
DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	DATE DRILLED 11/15/00	WATER LEVEL (ATD)			
				EQUIPMENT	GEOPROBE	DRILLER V&W DRILLING		
				SOIL DESCRIPTION				
1		B1-2 1200		Loose, damp to moist, dark gray blue, fine to medium SAND, some silt, strong hydrocarbon odor			SM	49.2
2								
3								
4								
5		B1-6 1205		WEATHERED GRANITIC BEDROCK Loose, damp to moist, gray-blue, fine to coarse SAND, strong hydrocarbon odor			SP	14.5
6								
				REFUSAL - BORING TERMINATED AT 6.5 FEET				

Figure B1, Log of Boring B1, page 1 of 1

ENV_NO_WELL LOOMIS.QPJ 10/27/04

BORING ELEVATION: NA

ENGINEER/GEOLOGIST: WEST BOURGAULT

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. S8321-06-04

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	BORING T1		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL.)	DATE COMPLETED			
					NA	11/15/00			
					EQUIPMENT BACKHOE				
					MATERIAL DESCRIPTION				
0					Loose, dry, light brown, fine to medium SAND, some silt				
2					WEATHERED GRANITE - degree of weathering increases with depth				
4									
					TRENCH TERMINATED AT 5.5 FEET				

Figure B10, Log of Boring T1, page 1 of 1

GEO_NO_WELL TRENCH.GPJ 10/27/04

SAMPLE SYMBOLS					
<input type="checkbox"/>	... SAMPLING UNSUCCESSFUL	<input type="checkbox"/>	... STANDARD PENETRATION TEST	<input type="checkbox"/>	... DRIVE SAMPLE (UNDISTURBED)
<input checked="" type="checkbox"/>	... DISTURBED OR BAG SAMPLE	<input type="checkbox"/>	... CHUNK SAMPLE	<input type="checkbox"/>	... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. S8321-06-04

DEPTH IN FEET	SAMPLE NO.	LITHOLOGY	GROUNDWATER	SOIL CLASS (USCS)	BORING T3		PENETRATION RESISTANCE (BLOWS/FT.)	DRY DENSITY (P.C.F.)	MOISTURE CONTENT (%)
					ELEV. (MSL) NA	DATE COMPLETED 11/15/00			
					EQUIPMENT BACKHOE				
0					MATERIAL DESCRIPTION				
2					Loose, damp, light brown, fine to medium SAND, some silt				
					TRENCH TERMINATED AT 3 FEET				

Figure B12, Log of Boring T3, page 1 of 1

GEO_NO_WELL TRENCH.GPJ 10/27/04

SAMPLE SYMBOLS	<input type="checkbox"/> ... SAMPLING UNSUCCESSFUL	<input checked="" type="checkbox"/> ... STANDARD PENETRATION TEST	<input checked="" type="checkbox"/> ... DRIVE SAMPLE (UNDISTURBED)
	<input checked="" type="checkbox"/> ... DISTURBED OR BAG SAMPLE	<input checked="" type="checkbox"/> ... CHUNK SAMPLE	<input checked="" type="checkbox"/> ... WATER TABLE OR SEEPAGE

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. S8321-06-10

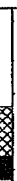


PROJECT NO. 58521-08-18				BORING NO. B3		SOIL	HEADSPACE		
DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	DATE DRILLED 6/24/04	WATER LEVEL (ATD)	(USCS)	(PPM)		
				EQUIPMENT	CME 75	DRILLER V&W DRILLING			
				SOIL DESCRIPTION					
1	12	B3-3 0830		ALLUVIUM Medium dense, moist, very dark gray (2.5Y N3), Silty SAND				SM	32.3
2									
3				- hydrocarbon odor					
4									
5	> 50	B3-5.5 0840		Dense, moist, light gray (2.5Y N6), slightly Silty SAND, decomposed granodiorite, with hydrocarbon odor				SM-SP	36.0
6									
7	> 50	NOREC		BEDROCK Granodiorite: hard to weakly weathered, light gray (2.5Y N7)					2.2
8									
9									
10									
11									
12									
13				- hard drilling, rig bouncing					
14									
15	> 50	B3-15 0900							
16				REFUSAL - BORING TERMINATED AT 16 FEET NO GROUNDWATER ENCOUNTERED					

Figure B3, Log of Boring B3, page 1 of 1

ENV_NO_WELL UPSPUR.GPJ 10/27/04

BORING ELEVATION: NA

ENGINEER/GEOLOGIST: JOHN MATTEY

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. S8321-06-10




DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. B5		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED <u>6/24/04</u>	WATER LEVEL (ATD) <u>9.5'</u>		
				EQUIPMENT <u>CME 75</u>	DRILLER <u>V&W DRILLING</u>		
				SOIL DESCRIPTION			
1	6	B5-3 1014		ALLUVIUM Medium dense, moist, very dark gray (2.5Y N3), Silty SAND, hydrocarbon odor		SM	80.3
2							
3							
4							
5	50	B5-6 1020		Dense, very moist, gray (2.5Y N5), slightly Silty SAND, decomposed granodiorite, hydrocarbon odor		SM	58.6
6							
7							
8							
9	> 50	B5-10 1034		BEDROCK Granodiorite: moderate hardness, wet, moderately weathered, gray (2.5Y N5)			4.1
10							
11							
				REFUSAL - BORING TERMINATED AT 11 FEET COLLECTED WATER SAMPLE B5W 1105			

Figure B5, Log of Boring B5, page 1 of 1

ENV_NO_WELL UPSPUR.GPJ 10/27/04

BORING ELEVATION: NA

ENGINEER/GEOLOGIST: JOHN MATTEY

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. S8321-06-10




DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. B7		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED 6/24/04	WATER LEVEL (ATD)		
				EQUIPMENT CME 75	DRILLER V&W DRILLING		
				SOIL DESCRIPTION			
1	8	B7-3 1246		FILL Dense, damp, light gray (2.5Y N7), Gravelly SAND		SM	0.0
2				ALLUVIUM Medium dense, damp, very dark, gray (2.5Y N3), Silty SAND		SM	
3							
4	39	B7-6 1250		Dense, moist, gray (2.5Y N5), Silty SAND, decomposed granodiorite		SM	0.3
5							
6							
7	> 50	B7-11 1300		BEDROCK Granodiorite: hard, weakly weathered, gray (2.5Y N5)			0.0
8							
9							
10							
11							
12				REFUSAL - BORING TERMINATED AT 12 FEET NO GROUNDWATER ENCOUNTERED			

Figure B7, Log of Boring B7, page 1 of 1

ENV_NO_WELL UPSPUR.GPJ 10/27/04

BORING ELEVATION: NA

ENGINEER/GEOLOGIST: JOHN MATTEY

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. S8321-06-10




BORING NO. B9				SOIL	HEADSPACE	
DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	(USCS)	(PFM)	
			DATE DRILLED 6/24/04 WATER LEVEL (ATD)			
			EQUIPMENT CME 75 DRILLER V&W DRILLING			
			SOIL DESCRIPTION			
1	8	B9-3 1450		SM	0.1	
2						Medium dense, damp, olive brown (2.5Y 4/3), Silty SAND
3						
4	13	B9-6 1455		SM	0.5	
5						Medium dense, very moist, light olive brown (2.5Y 5/4), Silty SAND, decomposed granodiorite
6						
7	70	NOREC B9-10.5 1505			0.2	
8						BEDROCK Granodiorite: hard, weakly weathered, gray (2.5Y, N5)
9						
10						
11						
12						
	REFUSAL - BORING TERMINATED AT 12 FEET NO GROUNDWATER ENCOUNTERED					

Figure B9, Log of Boring B9, page 1 of 1

ENV_NO_WELL UPSFUR.GPJ 10/27/04

BORING ELEVATION: NA

ENGINEER/GEOLOGIST: JOHN MATTEY

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES. ALL BLOW COUNTS HAVE BEEN CONVERTED TO EQUIVALENT STANDARD PENETRATION TEST (SPT) BLOW COUNTS.

PROJECT NO. S8321-06-11

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. B10		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED	WATER LEVEL (ATD)		
				11/5/08	21.5'		
				EQUIPMENT	DRILLER		
				CME 75 w/ Hollow-stem augers	Test America		
				SOIL DESCRIPTION			
1	70	B10-1.5 0845		RESIDUAL SOIL Very dense, moist, dark yellowish brown, Silty SAND, non-plastic, poorly graded, fine-grained, no hydrocarbon staining or odor		SM	0.0
2				GRANITIC ROCK Very dense, moist, dark olive brown, poorly graded, SAND with silt, non-plastic, fine to medium-grained, completely weathered, no hydrocarbon staining or odor		SP	
3							
4							
5							
6	50 FOR 6"	B10-6 0855		Very dense, moist, white and black, Silty SAND, non-plastic, fine to medium-grained, highly weathered, no hydrocarbon staining or odor		SM	0.0
7							
8							
9							
10							
11	50 FOR 6"	B10-11 0900					0.0
12							
13							
14							
15							
16	50 FOR 6"	B10-16 0905		- becomes poorly graded, fine to coarse-grained sand, no hydrocarbon staining or odor			0.0
17							
18							
19							
20							
21	50 FOR 6"	B10-20 0921					0.0
22				- becomes wet			
23							
24				BORING TERMINATED AT 24 FEET			

Figure A1, Log of Boring B10, page 1 of 1

ENV_NO_WELL LOOMIS UP PARCELS.GPJ 11/19/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: Mark Repking

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES

PROJECT NO. S8321-06-11

PROJECT NO. S6521-00-11				BORING NO. B12		SOIL	HEADSPACE
DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	DATE DRILLED 11/5/08	WATER LEVEL (ATD) 6.0'	(USCS)	(PPM)
				EQUIPMENT CME 75 w/ Hollow-stem augers	DRILLER Test America		
				SOIL DESCRIPTION			
1	31	B12-3 1155		RESIDUAL SOIL Dense, moist, strong brown, poorly graded, fine-grained, Silty SAND, non-platic, no hydrocarbon staining or odor		SM	0.0
2							
3							
4							
5	53	B12-6 1203		GRANITIC ROCK Very dense, moist, white and black, poorly graded, fine to medium-grained, Granitic Rock, highly weathered - becomes wet		SP	0.0
6							
7							
8							
9	50 FOR 1"	B12-10 1210		- medium weathered, rig chattering			0.0
10							
				BORING TERMINATED AT 10.5 FEET			

Figure A3, Log of Boring B12, page 1 of 1

ENV_NO_WELL LOOMIS UP PARCELS.GPJ 11/19/08

BORING ELEVATION:

ENGINEER/GEOLOGIST: Mark Repking

NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES

PROJECT NO. S8321-06-11

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. B14		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED 11/5/08	WATER LEVEL (ATD) 8.5'		
				EQUIPMENT CME 75 w/ Hollow-stem augers	DRILLER Test America		
				SOIL DESCRIPTION			
1				FILL Loose, moist, dark yellowish brown and dark brown, poorly graded, fine-grained, Silty SAND, non-plastic, no hydrocarbon staining or odor		SM	
2							
3							
4							
5							
6	13	B14-6 1415		GRANITIC ROCK Loose, very moist, brownish gray and black, poorly graded, fine-grained, Silty SAND, non-plastic, completely weathered - becomes dense, no hydrocarbon staining or odor - becomes wet		SM	0.0
7							
8							
9							
10	50 FOR 2"	B14-10.5		- becomes moderately weathered Very dense, very dark gray, strong brown and white and black, poorly graded, fine to medium-grained, SAND, non-plastic, moderately weathered, no hydrocarbon staining or odor REFUSAL - BORING TERMINATED AT 10.6 FEET		SP	0.0

Figure A5, Log of Boring B14, page 1 of 1

ENV_NO_WELL LOOMIS UP PARCELS.GPJ 11/21/08

BORING ELEVATION:	ENGINEER/GEOLOGIST: Mark Repking
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NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES.

PROJECT NO. S8321-06-11

DEPTH IN FEET	PENETRAT. RESIST. BLOWS/FT.	SAMPLE NO.	LITHOLOGY	BORING NO. B16		SOIL (USCS)	HEADSPACE (PPM)
				DATE DRILLED 11/5/08	WATER LEVEL (ATD) 5.0'		
				EQUIPMENT CME 75 w/ Hollow-stem augers		DRILLER Test America	
SOIL DESCRIPTION							
1				RESIDUAL SOIL Medium dense, moist, dark yellowish brown, Silty SAND, non-plastic		SM	
2							
3				GRANITIC ROCK Very dense, moist, white, strong brown and gray, poorly graded, fine to medium-grained, SAND, non-plastic, highly weathered - becomes wet, moderately weathered REFUSAL - BORING TERMINATED AT 5.5 FEET		SP	
4							
5							

Figure A7, Log of Boring B16, page 1 of 1

ENV_NO_WELL LOOMIS UP PARCELS.GPJ 11/19/08

BORING ELEVATION:	ENGINEER/GEOLOGIST: Mark Repking
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NOTE: THE LOG OF SUBSURFACE CONDITIONS SHOWN HEREON APPLIES ONLY AT THE SPECIFIC BORING OR TRENCH LOCATION AND AT THE DATE INDICATED. IT IS NOT WARRANTED TO BE REPRESENTATIVE OF SUBSURFACE CONDITIONS AT OTHER LOCATIONS AND TIMES



June 07, 2019

Nicole Hastings-Bethel
Geocon Consultants, Inc.
3160 Gold Valley Drive, Suite 800
Rancho Cordova, CA 95742
Tel: (916) 852-9118
Fax: (916) 852-9132

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

RE: ATL Work Order Number : 1902180
Client Reference : Loomis Former Mill, S8321-03-04

Enclosed are the results for sample(s) received on May, 31 2019 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or your Project Manager.

Sincerely,

A handwritten signature in black ink, appearing to read "Edgar Caballero", with a stylized flourish at the end.

Edgar Caballero
President & Laboratory Director

The cover letter and the case narrative are an integral part of this analytical report and its absence renders the report invalid. Test results contained within this data package meet the requirements of applicable state-specific certification programs. The report cannot be reproduced without written permission from the client and Advanced Technology Laboratories.



Certificate of Analysis

Geocon Consultants, Inc.

3160 Gold Valley Drive, Suite 800

Rancho Cordova, CA 95742

Project Number : Loomis Former Mill, S8321-03-04

Report To : Nicole Hastings-Bethel

Reported : 06/07/2019

Client Sample ID SS1-0

Lab ID: 1902180-01

Diesel Range Organics by EPA 8015B

Analyst: HT

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	92	5.0	5	B9F0128	06/05/2019	06/06/19 13:35	
ORO	200	5.0	5	B9F0128	06/05/2019	06/06/19 13:35	
Surrogate: p-Terphenyl	48.4 %	34 - 158		B9F0128	06/05/2019	06/06/19 13:35	



Certificate of Analysis

Geocon Consultants, Inc.

3160 Gold Valley Drive, Suite 800

Rancho Cordova, CA 95742

Project Number : Loomis Former Mill, S8321-03-04

Report To : Nicole Hastings-Bethel

Reported : 06/07/2019

Client Sample ID SS2-0

Lab ID: 1902180-02

Diesel Range Organics by EPA 8015B

Analyst: HT

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Surrogate: <i>p</i> -Terphenyl	0%	34 - 158		B9F0128	06/05/2019	06/06/19 14:27	S4

Volatile Organic Compounds by EPA 8260B

Analyst: VW

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
1,1,1,2-Tetrachloroethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,1,1-Trichloroethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,1,2,2-Tetrachloroethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,1,2-Trichloroethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,1-Dichloroethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,1-Dichloroethene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,1-Dichloropropene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2,3-Trichloropropane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2,3-Trichlorobenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2,4-Trichlorobenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2,4-Trimethylbenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2-Dibromo-3-chloropropane	ND	10	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2-Dibromoethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2-Dichlorobenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2-Dichloroethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,2-Dichloropropane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,3,5-Trimethylbenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,3-Dichlorobenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,3-Dichloropropane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
1,4-Dichlorobenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
2,2-Dichloropropane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
2-Chlorotoluene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
4-Chlorotoluene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
4-Isopropyltoluene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Benzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Bromobenzene	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Bromochloromethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Bromodichloromethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Bromoform	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Bromomethane	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Carbon disulfide	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	



Certificate of Analysis

Geocon Consultants, Inc.

3160 Gold Valley Drive, Suite 800

Rancho Cordova, CA 95742

Project Number : Loomis Former Mill, S8321-03-04

Report To : Nicole Hastings-Bethel

Reported : 06/07/2019

Client Sample ID SS2-0

Lab ID: 1902180-02

Volatile Organic Compounds by EPA 8260B

Analyst: VW

Analyte	Result (ug/kg)	PQL (ug/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Vinyl chloride	ND	5.0	1	B9F0009	06/03/2019	06/03/19 12:49	
Surrogate: 1,2-Dichloroethane-d4	116 %	60 - 145		B9F0009	06/03/2019	06/03/19 12:49	
Surrogate: 4-Bromofluorobenzene	87.0 %	68 - 121		B9F0009	06/03/2019	06/03/19 12:49	
Surrogate: Dibromofluoromethane	117 %	65 - 137		B9F0009	06/03/2019	06/03/19 12:49	
Surrogate: Toluene-d8	92.1 %	82 - 119		B9F0009	06/03/2019	06/03/19 12:49	



Certificate of Analysis

Geocon Consultants, Inc.

3160 Gold Valley Drive, Suite 800

Rancho Cordova, CA 95742

Project Number : Loomis Former Mill, S8321-03-04

Report To : Nicole Hastings-Bethel

Reported : 06/07/2019

Client Sample ID SS4-0

Lab ID: 1902180-04

Title 22 Metals by ICP-AES EPA 6010B

Analyst: GO

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Antimony	ND	2.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Arsenic	2.8	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Barium	76	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Beryllium	ND	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Cadmium	ND	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Chromium	20	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Cobalt	5.4	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Copper	16	2.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Lead	9.4	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Molybdenum	ND	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Nickel	18	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Selenium	ND	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Silver	ND	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Thallium	ND	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Vanadium	27	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	
Zinc	55	1.0	1	B9F0125	06/06/2019	06/06/19 14:54	

Mercury by AA (Cold Vapor) EPA 7471A

Analyst: KEK

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Mercury	ND	0.10	1	B9F0143	06/06/2019	06/06/19 19:16	



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Geocon Consultants, Inc.

3160 Gold Valley Drive, Suite 800

Rancho Cordova, CA 95742

Project Number : Loomis Former Mill, S8321-03-04

Report To : Nicole Hastings-Bethel

Reported : 06/07/2019

QUALITY CONTROL SECTION

Title 22 Metals by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0125 - EPA 3050B_S

Blank (B9F0125-BLK1)

Prepared: 6/6/2019 Analyzed: 6/6/2019

Antimony	ND	2.0	0.51
Arsenic	ND	1.0	0.12
Barium	ND	1.0	0.12
Beryllium	ND	1.0	0.03
Cadmium	ND	1.0	0.14
Chromium	ND	1.0	0.26
Cobalt	ND	1.0	0.07
Copper	ND	2.0	0.19
Lead	ND	1.0	0.18
Molybdenum	ND	1.0	0.12
Nickel	ND	1.0	0.18
Selenium	ND	1.0	0.40
Silver	ND	1.0	0.12
Thallium	ND	1.0	0.38
Vanadium	ND	1.0	0.06
Zinc	ND	1.0	0.15

LCS (B9F0125-BS1)

Prepared: 6/6/2019 Analyzed: 6/7/2019

Antimony	45.8101	2.0	0.51	50.0000	91.6	80 - 120
Arsenic	43.7575	1.0	0.12	50.0000	87.5	80 - 120
Barium	46.0483	1.0	0.12	50.0000	92.1	80 - 120
Beryllium	44.4508	1.0	0.03	50.0000	88.9	80 - 120
Cadmium	43.5136	1.0	0.14	50.0000	87.0	80 - 120
Chromium	46.4842	1.0	0.26	50.0000	93.0	80 - 120
Cobalt	45.5802	1.0	0.07	50.0000	91.2	80 - 120
Copper	46.1923	2.0	0.19	50.0000	92.4	80 - 120
Lead	44.5814	1.0	0.18	50.0000	89.2	80 - 120
Molybdenum	45.8577	1.0	0.12	50.0000	91.7	80 - 120
Nickel	45.2224	1.0	0.18	50.0000	90.4	80 - 120
Selenium	42.9618	1.0	0.40	50.0000	85.9	80 - 120
Silver	43.1887	1.0	0.12	50.0000	86.4	80 - 120
Thallium	45.7858	1.0	0.38	50.0000	91.6	80 - 120
Vanadium	46.4954	1.0	0.06	50.0000	93.0	80 - 120
Zinc	43.1018	1.0	0.15	50.0000	86.2	80 - 120

Duplicate (B9F0125-DUP1)

Source: 1902180-05

Prepared: 6/6/2019 Analyzed: 6/7/2019

Antimony	ND	2.0	0.51	ND	NR	20	
Arsenic	ND	1.0	0.12	ND	NR	20	
Barium	125.002	1.0	0.12	307.722	84.5	20	R
Beryllium	ND	1.0	0.03	ND	NR	20	



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Title 22 Metals by ICP-AES EPA 6010B - Quality Control (cont'd)

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0125 - EPA 3050B_S (continued)

Matrix Spike Dup (B9F0125-MSD1) - Continued

Source: 1902178-01

Prepared: 6/6/2019 Analyzed: 6/6/2019

Nickel	105.958	1.0	0.18	125.000	18.6761	69.8	37 - 108	2.80	20	
Selenium	86.4148	1.0	0.40	125.000	ND	69.1	48 - 95	0.945	20	
Silver	97.6670	1.0	0.12	125.000	ND	78.1	53 - 99	5.86	20	
Thallium	79.0515	1.0	0.38	125.000	ND	63.2	38 - 93	0.299	20	
Vanadium	134.948	1.0	0.06	125.000	36.6063	78.7	48 - 104	7.13	20	
Zinc	122.348	1.0	0.15	125.000	37.5676	67.8	24 - 111	3.97	20	



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Reported : 06/07/2019

Mercury by AA (Cold Vapor) EPA 7471A - Quality Control

Analyte	Result (mg/L)	PQL (mg/L)	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0143 - EPA 7471_S

Post Spike (B9F0143-PS1)

Source: 1902178-01

Prepared: 6/6/2019 Analyzed: 6/6/2019

Mercury	0.002848		2.00000E-3	0.000304	127	85 - 115		M1
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Project Number : Loomis Former Mill, S8321-03-04

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Reported : 06/07/2019

Diesel Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0128 - GCSEMI_DRO_LL_S

Blank (B9F0128-BLK1)

Prepared: 6/5/2019 Analyzed: 6/6/2019

DRO	ND	1.0	1.0
ORO	ND	1.0	1.0

Surrogate: p-Terphenyl	2.811		2.66667	105	34 - 158
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LCS (B9F0128-BS1)

Prepared: 6/5/2019 Analyzed: 6/6/2019

DRO	33.2987	1.0	1.0	33.3333	99.9	47 - 152
Surrogate: <i>p</i> -Terphenyl	3.486			2.66667	131	34 - 158

Matrix Spike (B9F0128-MS1)

Source: 1902180-01

Prepared: 6/5/2019 Analyzed: 6/6/2019

DRO	88.0750	5.0	5.0	33.3333	91.5883	-10.5	34 - 130	M2
Surrogate: <i>p</i> -Terphenyl	1.413			2.66667		53.0	34 - 158	

Matrix Spike Dup (B9F0128-MSD1)

Source: 1902180-01

Prepared: 6/5/2019 Analyzed: 6/6/2019

DRO	104.120	5.0	5.0	33.3333	91.5883	37.6	34 - 130	16.7	20
Surrogate: <i>p</i> -Terphenyl	1.262			2.66667		47.3	34 - 158		



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Reported : 06/07/2019

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0009 - MSVOA_S (continued)

Blank (B9F0009-BLK1) - Continued

Prepared: 6/3/2019 Analyzed: 6/3/2019

Dichlorodifluoromethane	ND	5.0	2.2
Ethyl Acetate	ND	50	8.1
Ethyl Ether	ND	50	6.1
Ethyl tert-butyl ether	ND	5.0	0.67
Ethylbenzene	ND	5.0	0.91
Freon-113	ND	5.0	2.8
Hexachlorobutadiene	ND	5.0	2.5
Isopropylbenzene	ND	5.0	1.8
m,p-Xylene	ND	10	1.5
Methylene chloride	ND	5.0	2.3
MTBE	ND	5.0	0.63
n-Butylbenzene	ND	5.0	2.4
n-Propylbenzene	ND	5.0	2.2
Naphthalene	ND	5.0	0.97
o-Xylene	ND	5.0	0.87
sec-Butylbenzene	ND	5.0	2.3
Styrene	ND	5.0	1.5
tert-Amyl methyl ether	ND	5.0	0.59
tert-Butanol	ND	100	19
tert-Butylbenzene	ND	5.0	2.0
Tetrachloroethene	ND	5.0	1.6
Toluene	ND	5.0	0.94
trans-1,2-Dichloroethene	ND	5.0	0.59
trans-1,3-Dichloropropene	ND	5.0	2.1
Trichloroethene	ND	5.0	3.1
Trichlorofluoromethane	ND	5.0	1.4
Vinyl acetate	ND	50	9.8
Vinyl chloride	ND	5.0	1.7

Surrogate: 1,2-Dichloroethane-d4	48.45		50.0000	96.9	60 - 145
Surrogate: 4-Bromofluorobenzene	45.18		50.0000	90.4	68 - 121
Surrogate: Dibromofluoromethane	52.12		50.0000	104	65 - 137
Surrogate: Toluene-d8	47.39		50.0000	94.8	82 - 119

LCS (B9F0009-BS1)

Prepared: 6/3/2019 Analyzed: 6/3/2019

1,1,1,2-Tetrachloroethane	50.3700	5.0	0.96	50.0000	101	82 - 114
1,1,1-Trichloroethane	48.6300	5.0	1.1	50.0000	97.3	70 - 121
1,1,2,2-Tetrachloroethane	44.6600	5.0	0.62	50.0000	89.3	65 - 116
1,1,2-Trichloroethane	42.2400	5.0	1.6	50.0000	84.5	73 - 114
1,1-Dichloroethane	43.4100	5.0	0.81	50.0000	86.8	69 - 117
1,1-Dichloroethene	50.8100	5.0	2.6	50.0000	102	57 - 128
1,1-Dichloropropene	47.8900	5.0	2.3	50.0000	95.8	76 - 122



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Reported : 06/07/2019

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0009 - MSVOA_S (continued)

LCS (B9F0009-BS1) - Continued

Prepared: 6/3/2019 Analyzed: 6/3/2019

m,p-Xylene	98.4200	10	1.5	100.000		98.4	85 - 118			
Methylene chloride	44.3500	5.0	2.3	50.0000		88.7	44 - 146			
MTBE	40.9500	5.0	0.63	50.0000		81.9	61 - 122			
n-Butylbenzene	55.8500	5.0	2.4	50.0000		112	78 - 135			
n-Propylbenzene	49.4600	5.0	2.2	50.0000		98.9	78 - 127			
Naphthalene	44.1900	5.0	0.97	50.0000		88.4	68 - 129			
o-Xylene	95.1700	5.0	0.87	100.000		95.2	86 - 118			
sec-Butylbenzene	55.2300	5.0	2.3	50.0000		110	80 - 127			
Styrene	46.7200	5.0	1.5	50.0000		93.4	85 - 117			
tert-Amyl methyl ether	36.8700	5.0	0.59	50.0000		73.7	48 - 135			
tert-Butanol	127.460	100	19	250.000		51.0	0 - 175			
tert-Butylbenzene	50.4200	5.0	2.0	50.0000		101	81 - 122			
Tetrachloroethene	49.6700	5.0	1.6	50.0000		99.3	77 - 122			
Toluene	100.860	5.0	0.94	100.000		101	79 - 114			
trans-1,2-Dichloroethene	44.7700	5.0	0.59	50.0000		89.5	66 - 125			
trans-1,3-Dichloropropene	43.8400	5.0	2.1	50.0000		87.7	76 - 120			
Trichloroethene	45.6100	5.0	3.1	50.0000		91.2	79 - 117			
Trichlorofluoromethane	55.1500	5.0	1.4	50.0000		110	55 - 133			
Vinyl acetate	534.160	50	9.8	500.000		107	52 - 141			
Vinyl chloride	35.7400	5.0	1.7	50.0000		71.5	58 - 132			

Surrogate: 1,2-Dichloroethane-d4	48.24			50.0000		96.5	60 - 145			
Surrogate: 4-Bromofluorobenzene	49.74			50.0000		99.5	68 - 121			
Surrogate: Dibromofluoromethane	49.62			50.0000		99.2	65 - 137			
Surrogate: Toluene-d8	47.36			50.0000		94.7	82 - 119			

LCS Dup (B9F0009-BSD1)

Prepared: 6/3/2019 Analyzed: 6/3/2019

1,1,1,2-Tetrachloroethane	48.9100	5.0	0.96	50.0000		97.8	82 - 114	2.94	20	
1,1,1-Trichloroethane	46.5600	5.0	1.1	50.0000		93.1	70 - 121	4.35	20	
1,1,2,2-Tetrachloroethane	42.7700	5.0	0.62	50.0000		85.5	65 - 116	4.32	20	
1,1,2-Trichloroethane	41.9000	5.0	1.6	50.0000		83.8	73 - 114	0.808	20	
1,1-Dichloroethane	41.7000	5.0	0.81	50.0000		83.4	69 - 117	4.02	20	
1,1-Dichloroethene	49.5400	5.0	2.6	50.0000		99.1	57 - 128	2.53	20	
1,1-Dichloropropene	45.1000	5.0	2.3	50.0000		90.2	76 - 122	6.00	20	
1,2,3-Trichloropropane	45.2700	5.0	0.54	50.0000		90.5	65 - 116	5.96	20	
1,2,3-Trichlorobenzene	46.9100	5.0	1.2	50.0000		93.8	72 - 130	3.09	20	
1,2,4-Trichlorobenzene	48.7200	5.0	1.1	50.0000		97.4	74 - 141	2.85	20	
1,2,4-Trimethylbenzene	49.2700	5.0	1.5	50.0000		98.5	81 - 126	4.45	20	
1,2-Dibromo-3-chloropropane	50.5300	10	1.6	50.0000		101	63 - 126	7.85	20	
1,2-Dibromoethane	42.0500	5.0	3.2	50.0000		84.1	75 - 113	2.61	20	
1,2-Dichlorobenzene	47.3400	5.0	1.1	50.0000		94.7	83 - 114	4.66	20	
1,2-Dichloroethane	46.8500	5.0	1.2	50.0000		93.7	73 - 115	3.85	20	



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Reported : 06/07/2019

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0009 - MSVOA_S (continued)

LCS Dup (B9F0009-BSD1) - Continued

Prepared: 6/3/2019 Analyzed: 6/3/2019

Styrene	44.5300	5.0	1.5	50.0000		89.1	85 - 117	4.80	20	
tert-Amyl methyl ether	36.7000	5.0	0.59	50.0000		73.4	48 - 135	0.462	20	
tert-Butanol	55.7900	100	19	250.000		22.3	0 - 175	78.2	20	R
tert-Butylbenzene	46.9200	5.0	2.0	50.0000		93.8	81 - 122	7.19	20	
Tetrachloroethene	46.3900	5.0	1.6	50.0000		92.8	77 - 122	6.83	20	
Toluene	96.2800	5.0	0.94	100.000		96.3	79 - 114	4.65	20	
trans-1,2-Dichloroethene	43.3100	5.0	0.59	50.0000		86.6	66 - 125	3.32	20	
trans-1,3-Dichloropropene	42.5900	5.0	2.1	50.0000		85.2	76 - 120	2.89	20	
Trichloroethene	44.5600	5.0	3.1	50.0000		89.1	79 - 117	2.33	20	
Trichlorofluoromethane	52.2200	5.0	1.4	50.0000		104	55 - 133	5.46	20	
Vinyl acetate	500.320	50	9.8	500.000		100	52 - 141	6.54	20	
Vinyl chloride	34.2500	5.0	1.7	50.0000		68.5	58 - 132	4.26	20	

Surrogate: 1,2-Dichloroethane-d4	47.42			50.0000		94.8	60 - 145			
Surrogate: 4-Bromofluorobenzene	47.28			50.0000		94.6	68 - 121			
Surrogate: Dibromofluoromethane	49.17			50.0000		98.3	65 - 137			
Surrogate: Toluene-d8	46.78			50.0000		93.6	82 - 119			

Matrix Spike (B9F0009-MS1)

Source: 1902195-01

Prepared: 6/3/2019 Analyzed: 6/3/2019

1,1,1,2-Tetrachloroethane	46.8500	5.0	0.96	50.0000	ND	93.7	45 - 121			
1,1,1-Trichloroethane	54.2700	5.0	1.1	50.0000	ND	109	43 - 127			
1,1,2,2-Tetrachloroethane	41.8000	5.0	0.62	50.0000	ND	83.6	32 - 128			
1,1,2-Trichloroethane	39.5800	5.0	1.6	50.0000	ND	79.2	45 - 121			
1,1-Dichloroethane	46.7500	5.0	0.81	50.0000	ND	93.5	46 - 119			
1,1-Dichloroethene	59.4500	5.0	2.6	50.0000	ND	119	40 - 130			
1,1-Dichloropropene	48.9800	5.0	2.3	50.0000	ND	98.0	45 - 130			
1,2,3-Trichloropropane	44.0000	5.0	0.54	50.0000	ND	88.0	42 - 124			
1,2,3-Trichlorobenzene	34.6600	5.0	1.2	50.0000	ND	69.3	4 - 135			
1,2,4-Trichlorobenzene	38.2200	5.0	1.1	50.0000	ND	76.4	8 - 141			
1,2,4-Trimethylbenzene	48.1900	5.0	1.5	50.0000	ND	96.4	30 - 136			
1,2-Dibromo-3-chloropropane	49.7800	10	1.6	50.0000	ND	99.6	38 - 132			
1,2-Dibromoethane	39.6200	5.0	3.2	50.0000	ND	79.2	45 - 121			
1,2-Dichlorobenzene	42.3600	5.0	1.1	50.0000	ND	84.7	30 - 125			
1,2-Dichloroethane	45.8500	5.0	1.2	50.0000	ND	91.7	51 - 115			
1,2-Dichloropropane	39.5900	5.0	1.8	50.0000	ND	79.2	50 - 118			
1,3,5-Trimethylbenzene	45.6600	5.0	1.7	50.0000	ND	91.3	29 - 137			
1,3-Dichlorobenzene	42.5700	5.0	1.3	50.0000	ND	85.1	30 - 124			
1,3-Dichloropropane	43.6300	5.0	1.1	50.0000	ND	87.3	49 - 116			
1,4-Dichlorobenzene	42.5800	5.0	1.2	50.0000	ND	85.2	31 - 124			
2,2-Dichloropropane	44.7500	5.0	1.2	50.0000	ND	89.5	41 - 134			
2-Chlorotoluene	44.4900	5.0	1.6	50.0000	ND	89.0	32 - 127			
4-Chlorotoluene	45.0900	5.0	1.5	50.0000	ND	90.2	34 - 124			



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Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	MDL (ug/kg)	Spike Level	Source Result	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0009 - MSVOA_S (continued)

Matrix Spike (B9F0009-MS1) - Continued

Source: 1902195-01

Prepared: 6/3/2019 Analyzed: 6/3/2019

Trichloroethene	46.1500	5.0	3.1	50.0000	ND	92.3	36 - 142		
Trichlorofluoromethane	63.5000	5.0	1.4	50.0000	ND	127	37 - 135		
Vinyl acetate	415.930	50	9.8	500.000	ND	83.2	0 - 136		
Vinyl chloride	41.4200	5.0	1.7	50.0000	ND	82.8	42 - 131		
Surrogate: 1,2-Dichloroethane-d4	52.06			50.0000		104	60 - 145		
Surrogate: 4-Bromofluorobenzene	47.99			50.0000		96.0	68 - 121		
Surrogate: Dibromofluoromethane	54.30			50.0000		109	65 - 137		
Surrogate: Toluene-d8	47.47			50.0000		94.9	82 - 119		

Matrix Spike Dup (B9F0009-MSD1)

Source: 1902195-01

Prepared: 6/3/2019 Analyzed: 6/3/2019

1,1,1,2-Tetrachloroethane	45.7000	5.0	0.96	50.0000	ND	91.4	45 - 121	2.49	20
1,1,1-Trichloroethane	49.7600	5.0	1.1	50.0000	ND	99.5	43 - 127	8.67	20
1,1,2,2-Tetrachloroethane	43.4400	5.0	0.62	50.0000	ND	86.9	32 - 128	3.85	20
1,1,2-Trichloroethane	41.0800	5.0	1.6	50.0000	ND	82.2	45 - 121	3.72	20
1,1-Dichloroethane	43.6700	5.0	0.81	50.0000	ND	87.3	46 - 119	6.81	20
1,1-Dichloroethene	54.0100	5.0	2.6	50.0000	ND	108	40 - 130	9.59	20
1,1-Dichloropropene	44.3700	5.0	2.3	50.0000	ND	88.7	45 - 130	9.88	20
1,2,3-Trichloropropane	46.0600	5.0	0.54	50.0000	ND	92.1	42 - 124	4.57	20
1,2,3-Trichlorobenzene	32.7800	5.0	1.2	50.0000	ND	65.6	4 - 135	5.58	20
1,2,4-Trichlorobenzene	34.4800	5.0	1.1	50.0000	ND	69.0	8 - 141	10.3	20
1,2,4-Trimethylbenzene	43.8900	5.0	1.5	50.0000	ND	87.8	30 - 136	9.34	20
1,2-Dibromo-3-chloropropane	53.2200	10	1.6	50.0000	ND	106	38 - 132	6.68	20
1,2-Dibromoethane	41.3000	5.0	3.2	50.0000	ND	82.6	45 - 121	4.15	20
1,2-Dichlorobenzene	39.9100	5.0	1.1	50.0000	ND	79.8	30 - 125	5.96	20
1,2-Dichloroethane	45.8900	5.0	1.2	50.0000	ND	91.8	51 - 115	0.0872	20
1,2-Dichloropropane	38.9900	5.0	1.8	50.0000	ND	78.0	50 - 118	1.53	20
1,3,5-Trimethylbenzene	41.1300	5.0	1.7	50.0000	ND	82.3	29 - 137	10.4	20
1,3-Dichlorobenzene	39.0100	5.0	1.3	50.0000	ND	78.0	30 - 124	8.73	20
1,3-Dichloropropane	43.0900	5.0	1.1	50.0000	ND	86.2	49 - 116	1.25	20
1,4-Dichlorobenzene	39.5300	5.0	1.2	50.0000	ND	79.1	31 - 124	7.43	20
2,2-Dichloropropane	40.4600	5.0	1.2	50.0000	ND	80.9	41 - 134	10.1	20
2-Chlorotoluene	41.0500	5.0	1.6	50.0000	ND	82.1	32 - 127	8.04	20
4-Chlorotoluene	41.4200	5.0	1.5	50.0000	ND	82.8	34 - 124	8.48	20
4-Isopropyltoluene	43.9600	5.0	2.3	50.0000	ND	87.9	26 - 141	13.3	20
Benzene	91.3100	5.0	0.64	100.000	ND	91.3	48 - 117	4.92	20
Bromobenzene	40.1400	5.0	1.1	50.0000	ND	80.3	40 - 117	4.53	20
Bromochloromethane	41.4600	5.0	0.64	50.0000	ND	82.9	48 - 117	2.74	20
Bromodichloromethane	44.1800	5.0	1.2	50.0000	ND	88.4	49 - 115	0.429	20
Bromoform	46.7400	5.0	0.80	50.0000	ND	93.5	42 - 127	4.66	20
Bromomethane	40.5800	5.0	2.5	50.0000	ND	81.2	19 - 157	11.6	20
Carbon disulfide	47.7700	5.0	3.5	50.0000	ND	95.5	34 - 138	12.0	20



Certificate of Analysis

Geocon Consultants, Inc.

3160 Gold Valley Drive, Suite 800

Rancho Cordova, CA 95742

Project Number : Loomis Former Mill, S8321-03-04

Report To : Nicole Hastings-Bethel

Reported : 06/07/2019

Volatile Organic Compounds by EPA 8260B - Quality Control (cont'd)

Analyte	Result (ug/kg)	PQL (ug/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
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Batch B9F0009 - MSVOA_S (continued)

Matrix Spike Dup (B9F0009-MSD1) - Continued

Source: 1902195-01

Prepared: 6/3/2019 Analyzed: 6/3/2019

Surrogate: Toluene-d8

48.09

50.0000

96.2

82 - 119

Instruction: Complete all shaded areas.

Method of Transport		For Laboratory Use Only				ATLCOG Ver:20180321			
		Sample Conditions Upon Receipt							
		Condition	Y	N	Condition	Y	N		
<input type="checkbox"/> Client	<input type="checkbox"/> ATL	1. CHILLED			5. # OF SAMPLES MATCH	COC			
<input checked="" type="checkbox"/> FedEx	<input type="checkbox"/> OnTrac	2. HEADSPACE (VOA)			6. PRESERVED				
<input type="checkbox"/> GSO		3. CONTAINER IN TACT			7. COOLER TEMP. deg. C			3.46 °C	
<input type="checkbox"/> Other:		4. SEALED						1/2	

Company: _____ Address: 3160 Gold Valley Drive, Suite 800

Company: Geocon Consultants, Inc.		Address: 3160 Gold Valley Drive, Suite 800		Tel: (916) 852-9118	
City: Rancho Cordova		State: CA		Zip: 95742	
Fax: (916) 852-9132					
SEND REPORT TO:					
Attn: Nicole Hastings		Email: hastings@geoconinc.com		QA/QC	
Company: Geocon Consultants, Inc.		Address: 3160 Gold Valley Drive, Suite 800		<input checked="" type="checkbox"/> Routine <input type="checkbox"/> Caltrans <input type="checkbox"/> Legal <input type="checkbox"/> RW/QCB <input type="checkbox"/> Level IV	
City: Rancho Cordova		State: CA		Zip: 95742	
SEND INVOICE TO:					
Attn: Same		Email: Same		EDD <input type="checkbox"/> Excel <input type="checkbox"/> EDF <input type="checkbox"/> Equis <input type="checkbox"/>	
Company: Same		Address: 3160 Gold Valley Drive, Suite 800			
City: Rancho Cordova		State: CA		Zip: 95742	

[illegible]

1. Sample receiving hours: 7:30 AM to 7:30 PM Monday - Friday; Saturday 8:00 AM to 12:00 PM.
2. Samples submitted AFTER 3:00 PM are considered received the following business day at 8:00 AM.
3. The following unrefrigerated time conditions apply:

TAT = 0 : 300% Surcharge SAME BUSINESS DAY if received by 9:00 AM
TAT = 1 : 100% Surcharge NEXT BUSINESS DAY (COB 5:00 PM)
TAT = 2 : 50% Surcharge 2ND BUSINESS DAY (COB 5:00 PM)

to the subcontract lab — ask for quote.

6. Liquid and solid samples will be disposed of after 45 calendar days from receipt of samples; air samples will be disposed after 14 calendar days after receipt of samples.
7. Electronic records maintained for five (5) years from report date.
8. Hard copy reports will be disposed of after 45 calendar days from report date.
9. Storage and Report Fees:

regenerated/reformatted report; \$35 per reprocessed EDD.
10. Ruch TCI/PTSLC samples: add 2 days to analysis TAT for extraction procedure.
11. Unanalyzed samples will incur a disposal fee of \$7 per sample.
12. The laboratory will randomly select from all QC samples received the sample to spike for Matrix Spike/Matrix Spike Duplicate (MS/MSD) at no cost. However, if you want the laboratory to additionally perform MS/MSD on your sample, a charge will be assessed for the specific sample used.

- Liquid & solid samples: Complimentary storage for forty-five (45) calendar days from receipt of samples; \$2/sample/month if extended storage or hold is requested.
- Air samples: Complimentary storage for ten (10) calendar days from receipt of samples; \$20 sample/week if extended storage is requested.
- Hard copy and regenerated reports/EDRs: \$17.50 per hard copy report requested; \$50.00 per

TAT = 3 : 20% Surcharge 3RD BUSINESS DAY (COB 5:00 PM)
TAT = 4 : 30% Surcharge 4TH BUSINESS DAY (COB 5:00 PM)
TAT = 5 : NO SURCHARGE 5th BUSINESS DAY (COB 5:00 PM)

4. Weekend, holiday, after-hours work -- ask for quote.

5. Subcontract TAT is 10 - 15 business days. Projects requiring shorter TATs will incur a surcharge respective

Relinquished by: (Signature and Printed Name) <i>Bob Kimball</i> Bob Kimball	Date: 5/29/18	Time: 11:00	Received by: (Signature and Printed Name) <i>Bob Kimball</i> Bob Kimball	Date: 5/29/18	Time: 15:00
Relinquished by: (Signature and Printed Name) <i>Bob Kimball</i> Bob Kimball	Date: 5/29/18	Time: 11:00	Received by: (Signature and Printed Name) <i>Bob Kimball</i> Bob Kimball	Date: 5/29/18	Time: 15:00
Relinquished by: (Signature and Printed Name) <i>Bob Kimball</i> Bob Kimball	Date: 5/29/18	Time: 11:00	Received by: (Signature and Printed Name) <i>Bob Kimball</i> Bob Kimball	Date: 5/29/18	Time: 15:00

Notice of Exemption

Appendix E

To: Office of Planning and Research
P.O. Box 3044, Room 113
Sacramento, CA 95812-3044

From: (Public Agency): Town of Loomis
PO Box 1330, 3665 Taylor Road
Loomis, CA 95650

County Clerk

County of: Placer County

(Address)

2954 Richardson Dr.
Auburn, CA 95603

Project Title: Removal and abatement of contaminated soil from Town of Loomis owned property.

Project Applicant: Town of Loomis, PO Box 1330, 3665 Taylor Road, Loomis, CA 95650 - (916) 652-1840

Project Location - Specific: 3800 Taylor Road, Loomis, CA 95650
A portion of APN's 044-133-003 & 044-121-074
(Merged on April 25, 2019, DOC 2019-0025958-00)

Project Location - City: Loomis, CA Project Location - County: Placer County

Description of Nature, Purpose and Beneficiaries of Project:

Removal of diesel soil and groundwater impacts associated with a former diesel aboveground storage tank, stained soil areas, and a former railroad spur as identified in the Phase 1 Environmental Site Assessment, 3800 Taylor Road, Loomis, CA, prepared by Geocon, dated February 20, 2019 in accordance with the Central Valley Regional Water Quality Control Board site closure requirements.

Name of Public Agency Approving Project: Town of Loomis, CA

Name of Person or Agency Carrying Out Project: Town of Loomis, CA

Exempt Status: (check one):

- ☐ Ministerial (Sec. 21080(b)(1); 15268);
- ☐ Declared Emergency (Sec. 21080(b)(3); 15269(a));
- ☐ Emergency Project (Sec. 21080(b)(4); 15269(b)(c));
- ☒ **XX** Categorical Exemption. State type and section number: 15330, Class 30 and 15301, Class 1.
- ☐ Statutory Exemptions. State code number: _____

Reasons why project is exempt:

15330. Minor Actions to Prevent, Minimize, Stabilize, Mitigate or Eliminate the Release or Threat of Release of Hazardous Waste or Hazardous Substances.

Class 30 consists of any minor cleanup actions taken to prevent, minimize, stabilize, mitigate, or eliminate the release or threat of release of a hazardous waste or substance which are small or medium removal actions costing \$1 million or less.

(a) No cleanup action shall be subject to this Class 30 exemption if the action requires the onsite use of a hazardous waste incinerator or thermal treatment unit or the relocation of residences or businesses, or the action involves the potential release into the air of volatile organic compounds as defined in Health and Safety Code Section 25123.6, except for small scale in situ soil vapor extraction and treatment systems which have been permitted by the local Air Pollution Control District or Air Quality Management District. All actions must be consistent with applicable state and local environmental permitting requirements including, but not limited to, off-site disposal, air quality rules such as those governing volatile organic compounds and water quality standards and approved by the regulatory body with jurisdiction over the site.

(b) Examples of such minor cleanup actions include but are not limited to:

- (1) Removal of sealed, non-leaking drums or barrels of hazardous waste or substances that have been stabilized, containerized and are designated for a lawfully permitted destination;
- (2) Maintenance or stabilization of berms, dikes, or surface impoundments;

- (3) Construction or maintenance or interim of temporary surface caps;
- (4) Onsite treatment of contaminated soils or sludges provided treatment system meets Title 22 requirements and local air district requirements;
- (5) Excavation and/or offsite disposal of contaminated soils or sludges in regulated units;
- (6) Application of dust suppressants or dust binders to surface soils;
- (7) Controls for surface water run-on and run-off that meets seismic safety standards;
- (8) Pumping of leaking ponds into an enclosed container;
- (9) Construction of interim or emergency ground water treatment systems;
- (10) Posting of warning signs and fencing for a hazardous waste or substance site that meets legal requirements for protection of wildlife.

15301. Existing Facilities

Class 1 consists of the operation, repair, maintenance, permitting, leasing, licensing, or minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of use beyond that existing at the time of the lead agency's determination. The types of "existing facilities" itemized below are not intended to be all-inclusive of the types of projects which might fall within Class 1. The key consideration is whether the project involves negligible or no expansion of an existing use.

Examples include but are not limited to:

- (a) Interior or exterior alterations involving such things as interior partitions, plumbing, and electrical conveyances;
- (b) Existing facilities of both investor and publicly-owned utilities used to provide electric power, natural gas, sewerage, or other public utility services;
- (c) Existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities (this includes road grading for the purpose of public safety).
- (d) Restoration or rehabilitation of deteriorated or damaged structures, facilities, or mechanical equipment to meet current standards of public health and safety, unless it is determined that the damage was substantial and resulted from an environmental hazard such as earthquake, landslide, or flood;
- (e) Additions to existing structures provided that the addition will not result in an increase of more than:
 - (1) 50 percent of the floor area of the structures before the addition, or 2,500 square feet, whichever is less;
 - or
 - (2) 10,000 square feet if:
 - (A) The project is in an area where all public services and facilities are available to allow for maximum development permissible in the General Plan and
 - (B) The area in which the project is located is not environmentally sensitive.
- (f) Addition of safety or health protection devices for use during construction of or in conjunction with existing structures, facilities, or mechanical equipment, or topographical features including navigational devices;
- (g) New copy on existing on and off-premise signs;
- (h) Maintenance of existing landscaping, native growth, and water supply reservoirs (excluding the use of pesticides, as defined in Section 12753, Division 7, Chapter 2, Food and Agricultural Code);
- (i) Maintenance of fish screens, fish ladders, wildlife habitat areas, artificial wildlife waterway devices, streamflows, springs and waterholes, and stream channels (clearing of debris) to protect fish and wildlife resources;
- (j) Fish stocking by the California Department of Fish and Game;
- (k) Division of existing multiple family or single-family residences into common-interest ownership and subdivision of existing commercial or industrial buildings, where no physical changes occur which are not otherwise exempt;
- (l) Demolition and removal of individual small structures listed in this subdivision;

(1) One single-family residence. In urbanized areas, up to three single-family residences may be demolished under this exemption.

(2) A duplex or similar multifamily residential structure. In urbanized areas, this exemption applies to duplexes and similar structures where not more than six dwelling units will be demolished.

(3) A store, motel, office, restaurant, or similar small commercial structure if designed for an occupant load of 30 persons or less. In urbanized areas, the exemption also applies to the demolition of up to three such commercial buildings on sites zoned for such use.

(4) Accessory (appurtenant) structures including garages, carports, patios, swimming pools, and fences.

(m) Minor repairs and alterations to existing dams and appurtenant structures under the supervision of the Department of Water Resources.

(n) Conversion of a single family residence to office use.

(o) Installation, in an existing facility occupied by a medical waste generator, of a steam sterilization unit for the treatment of medical waste generated by that facility provided that the unit is installed and operated in accordance with the Medical Waste Management Act (Section 117600, et seq., of the Health and Safety Code) and accepts no offsite waste.

(p) Use of a single-family residence as a small family day care home, as defined in Section 1596.78 of the Health and Safety Code.

Lead Agency

Contact Person: Sean Rabé, Town Manager Area Code/Telephone/Extension: 916-652-1840

If filed by applicant:

1. Attach certified document of exemption finding.

2. Has a Notice of Exemption been filed by the public agency approving the project? ☒ Yes ☐ No

Signature: _____ Date: June 28, 2019 Title: Planning Director

☒ Signed by Lead Agency ☐ Signed by Applicant

Authority cited: Sections 21083 and 21110, Public Resources Code.

Reference: Sections 21108, 21152, and 21152.1, Public Resources Code.

Date Received for filing at OPR: _____

Revised 2011