

DECISION PAPER



Date: July 18, 2017

Issue:

Emergency environmental cleanup response was required to remove petroleum products found in a drainage easement downstream from the intersection of Matterhorn Lane and Chalet Drive.

Background:

Heavy winter conditions in early 2017 left record snowpack throughout the Tahoe Region, with high temperatures in mid-May that melted snowpack and exposed neighborhood drainage swales. On May 13th, TDA staff responded to a homeowner tip regarding petroleum products that had been seen near the driveway entrance of his home at south end of Chateaux Way, which was reportedly ongoing for the duration of approximately two months. Not knowing the source of the contaminants, Tahoe Donner responded proactively by placing absorbent rolls and pads at affected areas to capture and contain petroleum products seen at that time. Additionally, contact was made with Elements, TSD, Truckee Road Maintenance, and the Police Department to determine if they have related spill records on file, or if a vehicle accident or spill had been reported at that location. Through the week of May 15th, continued high temperatures further receded snow pack off of drainage swales at an accelerated rate, and within the drainage swale below the intersection of Matterhorn Place and Chalet Road, TDA Staff found a source of heavy concentrations of petroleum products adjacent to 11891 Chalet. More project history is included in Information Paper dated May 23, 2017. TDA staff obtained water samples, and continued working with Clean Harbors to provide formal cleanup efforts to minimize further spread of petroleum products found in the area. Water sample results showed that found petroleum products were not coming from the storm water retention pond, which is shared between Town of Truckee and Tahoe Donner Maintenance Facilities. On June 22nd, Lahontan Water Quality Board took water samples and photos, while also reviewing the petroleum products found in drainage easement adjoining residence at 11891 Chalet, which showed signs of oil splatter up along the trunks of the aspen grove, potentially occurring from a container of used motor oil that was stored on driveway, then discharged during winter months from driveway snow plow. On July 3rd, the Homeowner at 11891 Chalet was notified of Tahoe Donner's off-asphalt parking restrictions, and that such parking activity may be associated with discharge of used motor oil (see attached images), and that by discontinuing the use off-asphalt parking area, discharge of petroleum products would be properly contained and not dispersed into the drainage easement and associated Trout Creek watershed. Lahontan thanks Tahoe Donner for their clean-up efforts to-date, and asks that TDA continue cleanup efforts as necessary, then work to obtain reimbursement where applicable. Current costs equal \$21,351, with back-up of all existing and potential contingency expenses attached. And although ongoing investigation findings point to an outside source of waste oil discharge found in the drainage ditch near 11891 Chalet, there is no conclusive evidence to point to one particular source/individual in order to subrogate related cleanup costs, but actual cleanup costs will be credited from insurance proceeds, if any.

DECISION PAPER

**Recommendation:**

Staff recommends the Board of Directors approve payments to fulfill existing costs associated with emergency environmental cleanup to remove petroleum products found near 11891 Chalet, not to exceed \$21,351, for Hazardous Waste Clean Up in the General Operating Fund, and credited from insurance proceeds, if any.

Prepared By: Sean Connors

Reviewed By: Forrest Huisman

Handwritten signature of Forrest Huisman in blue ink.

Reviewed By: Michael Salmon

Handwritten signature of Michael Salmon in blue ink, dated 7/20/17.

Board Meeting Date: July 29, 2017

General Manager Approval to place on agenda :

Handwritten signature of the General Manager in blue ink.

Date:

7/20/17

TDA Emergency Cleanup Summary

7/18/2017

Petroleum Cleanup at Matterhorn and Chalet Drive

Clean Harbors, Invoice 1001869263	\$ 16,176
TDA Labor and Materials, (Trails/Golf/Maintenance Staff)	\$ 1,175
Holdredge and Kull, Consultant	\$ 4,000
Existing Sub-Total	\$ 21,351
Clean Harbors removal of contaminated waste and testing	\$ 10,000
Further cleanup and testing depending on H&K reporting results	\$ 9,000
Potential Agency Fees (NVCO, TOT, Lahontan Water Quality Board)	\$ 15,000
Potential Project Total	\$ 55,351
Contingency (10%)	\$ 5,535
Decision Paper 7/29/2017	\$ 60,886

INFORMATION



May 23, 2017

Purpose: Update on petroleum product found in drainage easement located downstream of Matterhorn Lane and Chalet Drive.

Background: Heavy winter conditions that began in January of 2017 left record snow pack throughout the Sierra Mountains, and during high temperatures in mid-May, receding snow began exposing neighborhood drainage swales full of running water. On May 13, TDA staff responded to a homeowner tip regarding petroleum products that had been seen near the driveway entrance to his home, near south end of Chateaux Way, which was reportedly ongoing for the duration of approximately two months. Further inspections were made that weekend, including review of conditions downstream and upstream toward the TDA Maintenance Yard, with no sign of cause or source along Chalet Road or adjacent drainage inlets. Absorbent rolls and pads were then installed at all affected areas to capture and contain petroleum products seen at that time. Through the week of May 15, continued high temperatures further receded snow pack off of drainage swales at an accelerated rate, and within the drainage swale between Lot 175, Lot 176, Lot 201, Lot 200, and below the intersection of Matterhorn Place and Chalet Road, Staff found a source that included heavy concentrations of petroleum products.

With approximately half of the effected drainage swale now melted from snow, Tahoe Donner initiated cleanup efforts to all accessible areas, engaging Clean Harbors, Inc. on May 18th and 19th to test for petroleum products, remove and treat affected soils along Chateaux Way, and place additional absorbent rolls and pads to capture and contain all visible petroleum products.

Upon further review, after continued hot weather over the weekend, the existing contaminated area below the intersection of Matterhorn Lane and Chalet Drive was increasingly accessible, so TDA staff coordinated with adjacent neighbors to obtain clearance for foot traffic access and vacuum services within the 20' wide drainage easement, which was performed on May 23rd.

Although the source, or type, of contaminant remains uncertain, Tahoe Donner is obtaining water sample results and will continue to provide cleanup efforts to minimize further spread of the estimated (1) quart of petroleum products found in the area. Additionally, contact is being made into Elements, TSD, Truckee Road Maintenance, and the Police Department to determine if they have related spill records on file, or if a vehicle accident report was reported at that site.

Discussion:

1. Current costs to treat, cleanup, and vacuum affected areas are nearing \$8K.
2. Projected costs to further remediate, test, and report could exceed another \$10K.

Prepared By: Forrest Huisman, Director of Capital Projects



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH1473727

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **CAD982341620** GENERATOR NAME: **Tahoe Donner Homeowners Association**
GENERATOR CODE (Assigned by Clean Harbors) **TA2296** CITY **Truckee** STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**
ADDRESS **14514 Northwoods Boulevard** PHONE: **(530) 582-9630**
CUSTOMER CODE (Assigned by Clean Harbors) **TA9868** CUSTOMER NAME: **Tahoe Donner Homeowners Association**
ADDRESS **11509 Northwoods Boulevard** CITY **Truckee** STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Oily Water**

PROCESS GENERATING WASTE: **Clean up of spill residuals**

IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 <input checked="" type="checkbox"/> 2 3 TOP 5.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 95.00 ODOR NONE <input checked="" type="checkbox"/> MILD STRONG Describe: BOILING POINT °F (°C) ≤ 95 (≤ 35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> ≥ 130 (>54) MELTING POINT °F (°C) ≤ 140 (<60) 140-200 (60-93) > 200 (>93) TOTAL ORGANIC CARBON ≤ 1% <input checked="" type="checkbox"/> 1-9% ≥ 10%	VISCOSITY (If liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000 COLOR varies		
FLASH POINT °F (°C) ≤ 73 (<23) 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) <input checked="" type="checkbox"/> > 200 (>93)	pH ≤ 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 ≥ 12.5	SPECIFIC GRAVITY ≤ 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 <input checked="" type="checkbox"/> > 20 <input checked="" type="checkbox"/> Unknown	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (<4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (>23.2) Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
DIESEL	1.0000000	5.0000000	%
MOTOR OIL	1.0000000	5.0000000	%
WATER	95.0000000	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES ☒ NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING; ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES ☒ NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material.

YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste.

YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS.

YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED.

YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G32**

SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W101**

E. CONSTITUENTS

Are these values based on testing or knowledge? ☒ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste

Generator Knowledge of process generating waste

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0				<input checked="" type="checkbox"/>
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS				OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE	0.5				NOT APPLICABLE
D019	CARBON TETRACHLORIDE	0.5		BROMINE		<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0		CHLORINE		<input checked="" type="checkbox"/>
D022	CHLOROFORM	5.0		FLUORINE		<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		IODINE		<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR		<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		POTASSIUM		<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		SODIUM		<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		AMMONIA		<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE		<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS				CYANIDE REACTIVE		<input checked="" type="checkbox"/>
D023	o-CRESOL	200.0		CYANIDE TOTAL		<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0		SULFIDE REACTIVE		<input checked="" type="checkbox"/>
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
PESTICIDES AND HERBICIDES						
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?



Clean Harbors Profile No. CH1473727

F. REGULATORY STATUS

YES ☒ NO USEPA HAZARDOUS WASTE?☒ YES NO DO ANY STATE WASTE CODES APPLY?

223

Texas Waste Code

YES ☒ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?YES ☒ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?

LDR CATEGORY:

VARIANCE INFO:

Not subject to LDR

YES ☒ NO IS THIS A UNIVERSAL WASTE?YES ☒ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(ii))?

YES ☒ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☒ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS ≥ 500 PPM?YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE $\geq .3$ KPA (0.44 PSIA)?YES ☒ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?YES ☒ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE?YES ☒ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G)

Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) > 10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Knowledge

Testing

Describe the knowledge:

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON HAZARDOUS, NON D.O.T. REGULATED LIQUID, (OILY WATER)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

CONTAINERIZED

0-0 CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CONTAINER TYPE:

PORTABLE TOTE TANK

BOX/CARTON/CASE

CUBIC YARD BOX

DRUM

OTHER

DRUM SIZE:

☒ BULK LIQUIDGALLONS/SHIPMENT: 100.00 Min -5000.00 GAL.
Max

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: 0 Min - 0 Max

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile as Clean Harbors deems necessary to reflect the discrepancy.

On behalf of Tahoe Donner Association

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE

Ann Rosenfeld

Ann Rosenfeld

Director of Risk

7/13/17



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH1473727

A. GENERAL INFORMATION

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WASTE DESCRIPTION: **Oilly Water**

PROCESS GENERATING WASTE: **Clean up of spill residuals**

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C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER <input checked="" type="checkbox"/> MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 <input checked="" type="checkbox"/> 2 3 TOP 5.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 95.00		VISCOSITY (If liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000		COLOR varies			
	ODOR NONE <input checked="" type="checkbox"/> MILD STRONG Describe:		BOILING POINT °F (°C) ≤ 95 (≤ 35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> ≥ 130 (>54)			MELTING POINT °F (°C) ≤ 140 (≤ 60) 140-200 (60-83) ≥ 200 (>93)	TOTAL ORGANIC CARBON ≤ 1% <input checked="" type="checkbox"/> 1-8% ≥ 10%	
	FLASH POINT °F (°C) ≤ 73 (≤ 23) 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) <input checked="" type="checkbox"/> ≥ 200 (>93)		pH ≤ 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 ≥ 12.5	SPECIFIC GRAVITY ≤ 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) ≥ 1.2 (e.g. Methylene Chloride)		ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 <input checked="" type="checkbox"/> Unknown ≥ 20	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> ≤ 2,000 (≤ 4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) ≥ 10,000 (>23.2) Actual:	
	FLASH POINT °F (°C) ≤ 73 (≤ 23) 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) <input checked="" type="checkbox"/> ≥ 200 (>93)		pH ≤ 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 ≥ 12.5	SPECIFIC GRAVITY ≤ 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) ≥ 1.2 (e.g. Methylene Chloride)		ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 <input checked="" type="checkbox"/> Unknown ≥ 20	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> ≤ 2,000 (≤ 4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) ≥ 10,000 (>23.2) Actual:	

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DIESEL	1.0000000	-	5.0000000	%
MOTOR OIL	1.0000000	-	5.0000000	%
WATER	95.0000000	-	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES ☒ NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING: ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES ☒ NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE. **G32** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W101**



Clean Harbors Profile No. CH1473727

E. CONSTITUENTS

Are these values based on testing or knowledge?



Knowledge

Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Generator Knowledge of process generating waste

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input type="checkbox"/>
D005	BARIUM	100.0				<input type="checkbox"/>
D006	CADMIUM	1.0				<input type="checkbox"/>
D007	CHROMIUM	5.0				<input type="checkbox"/>
D008	LEAD	5.0				<input type="checkbox"/>
D009	MERCURY	0.2				<input type="checkbox"/>
D010	SELENIUM	1.0				<input type="checkbox"/>
D011	SILVER	5.0				<input type="checkbox"/>
	VOLATILE COMPOUNDS			OTHER CONSTITUENTS	MAX	UOM
D018	BENZENE	0.5				NOT APPLICABLE
D019	CARBON TETRACHLORIDE	0.5		BROMINE		<input type="checkbox"/>
D021	CHLOROBENZENE	100.0		CHLORINE		<input type="checkbox"/>
D022	CHLOROFORM	5.0		FLUORINE		<input type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		IODINE		<input type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		SULFUR		<input type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		POTASSIUM		<input type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		SODIUM		<input type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		AMMONIA		<input type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE AMENABLE		<input type="checkbox"/>
	SEMI-VOLATILE COMPOUNDS			CYANIDE REACTIVE		<input type="checkbox"/>
D023	o-CRESOL	200.0		CYANIDE TOTAL		<input type="checkbox"/>
D024	m-CRESOL	200.0		SULFIDE REACTIVE		<input type="checkbox"/>
D025	p-CRESOL	200.0				
D026	CRESOL (TOTAL)	200.0				
D027	1,4-DICHLOROBENZENE	7.5				
D030	2,4-DINITROTOLUENE	0.13				
D032	HEXACHLOROBENZENE	0.13				
D033	HEXACHLOROBUTADIENE	0.5				
D034	HEXACHLOROETHANE	3.0				
D036	NITROBENZENE	2.0				
D037	PENTACHLOROPHENOL	100.0				
D038	PYRIDINE	5.0				
D041	2,4,5-TRICHLOROPHENOL	400.0				
D042	2,4,6-TRICHLOROPHENOL	2.0				
	PESTICIDES AND HERBICIDES					
D012	ENDRIN	0.02				
D013	LINDANE	0.4				
D014	METHOXYCHLOR	10.0				
D015	TOXAPHENE	0.5				
D016	2,4-D	10.0				
D017	2,4,5-TP (SILVEX)	1.0				
D020	CHLORDANE	0.03				
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				

HOCs
☒ NONE
 < 1000 PPM
 >= 1000 PPM

PCBs
☒ NONE
 < 50 PPM
 >= 50 PPM

IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?
YES ☒ NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?



Clean Harbors Profile No. CH1473727

F. REGULATORY STATUS

YES ☒ NO USEPA HAZARDOUS WASTE?☒ YES NO DO ANY STATE WASTE CODES APPLY?

223

Texas Waste Code

YES ☒ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?YES ☒ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?LDR CATEGORY: Not subject to LDR
VARIANCE INFO:YES ☒ NO IS THIS A UNIVERSAL WASTE?YES ☒ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☒ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☒ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS ≥ 500 PPM?YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE ≥ 3 KPA (0.44 PSIA)?YES ☒ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?YES ☒ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE?YES ☒ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G)

Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) > 10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Knowledge

Testing

Describe the knowledge:

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON HAZARDOUS, NON D.O.T. REGULATED LIQUID, (OILY WATER)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

CONTAINERIZED

0-0 CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CONTAINER TYPE

PORTABLE TOTE TANK

BOX/CARTON/CASE

CUBIC YARD BOX

DRUM

OTHER

DRUM SIZE:

☒ BULK LIQUIDGALLONS/SHIPMENT: 100.00 Min - 5000.00 GAL
Max

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: 0 Min - 0 Max

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile as Clean Harbors deems necessary to reflect the discrepancy.

On behalf of Tahoe Donner Association

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE

Annex Rosenfeld

Annex Rosenfeld

Director of Risk

7/13/17



INVOICE
Invoice No 1001869263

REMIT TO:
Clean Harbors Env. Services
PO Box 3442
Boston, MA 02241-3442

EIN: 04-2698999

SOLD TO:
Annie Rosenfeld
Tahoe Donner Homeowners Association
11509 Northwoods Boulevard
Truckee, CA 96161 - 0000

OFFICE:
Clean Harbors Environmental Service,
Inc.
191 Coney Island Drive
Sparks, NV 89431
(775) 331-9400

*If you have any questions regarding this invoice, please
contact your customer service representative at the
telephone number listed above*

JOB SITE/GENERATOR:
Tahoe Donner Homeowners Association
14514 Northwoods Boulevard
Truckee, CA 96161 - 0000

Job Description: Emergency Response Oil Spill Clean-Up

**** Payable in USD funds ****

Last Service Date	Invoice No	Customer	Branch	Sales Order	Purchase Order	Terms
27 May 2017	1001869263	TA9868	NV	1701593190	SEAN CONNERS	NET 15 DAYS

Last Service Date	Task	Task Type	Description	Total
27 May 2017	1701593190-001	GENERAL	Emergency Response	\$16,168.47

SUBTOTAL \$16,168.47

TAX \$8.17

PLEASE PAY THIS AMOUNT → **INVOICE TOTAL** \$16,176.64

REMIT PAYMENT BY → **DUE DATE** 20 Jun 2017

SPC

Interest will be charged at a rate of 1.5% per month for all past due amounts.



INVOICE

Invoice No 1001869263

TASK 1701593190-001 - Emergency Response

Manifest Info	Item ID	Description	Manifest Qty	Manifest UOM	Billing Qty	Billing UOM	Unit Price	Amount
18 May 2017								
	TKPU	Pickup/Van/Car/Crew Cab			4.500	HR	22.0000	\$99.00
	TKPU	Pickup/Van/Car/Crew Cab			4.500	HR	22.0000	\$99.00
	TRLRSPILL	Spill Trailer			1.000	DAY	295.0000	\$295.00
	FOR	Foreman			4.500	HR	78.0000	\$351.00
	FT	Field Technician			4.500	HR	61.0000	\$274.50
	FT	Field Technician			4.500	HR	61.0000	\$274.50
	FT	Field Technician			4.500	HR	61.0000	\$274.50
	EO	Equipment Operator			4.500	HR	78.0000	\$351.00
	SORBPAD	Absorbent Pad (101 Grade) 100/bale			1.000	BALE	131.0000	\$131.00
	SORBBOOM5	Absorbent Boom, 5in x 10ft x 4/Bale			2.000	BALE	159.0000	\$318.00
19 May 2017								
	TRLRSPILL	Spill Trailer			1.000	DAY	295.0000	\$295.00
	TKPU	Pickup/Van/Car/Crew Cab			10.000	HR	22.0000	\$220.00
	TKPU	Pickup/Van/Car/Crew Cab			10.000	HR	22.0000	\$220.00
	VACCUSCO	High Powered Vacuum Truck/Cusco			10.000	HR	161.0000	\$1,610.00
	WASHER30H	3000psi Hot Water Pressure Washer			2.000	HR	47.0000	\$94.00
	FOR	Foreman			8.000	HR	78.0000	\$624.00
	FOROT	Foreman Overtime			1.000	HR	117.0000	\$117.00
	FT	Field Technician			8.000	HR	61.0000	\$488.00
	FTOT	Field Technician Overtime			2.000	HR	91.5000	\$183.00
	FT	Field Technician			8.000	HR	61.0000	\$488.00
	FTOT	Field Technician Overtime			2.000	HR	91.5000	\$183.00
	SUP	Supervisor			8.000	HR	106.0000	\$848.00
	SUPOT	Supervisor, Overtime			2.000	HR	159.0000	\$318.00
	EO	Equipment Operator			8.000	HR	78.0000	\$624.00
	EOOT	Equipment Operator, Overtime			2.000	HR	117.0000	\$234.00
	FT	Field Technician			8.000	HR	61.0000	\$488.00
	FTOT	Field Technician Overtime			2.000	HR	91.5000	\$183.00
	SORBPAD	Absorbent Pad (101 Grade) 100/bale			1.000	BALE	131.0000	\$131.00
	SORBBOOM5	Absorbent Boom, 5in x 10ft x 4/Bale			1.000	BALE	159.0000	\$159.00
23 May 2017								
	TKPU	Pickup/Van/Car/Crew Cab			7.000	HR	22.0000	\$154.00
	VACSJ	Vacuum Truck, Straight			5.000	HR	87.0000	\$435.00
	EO	Equipment Operator			7.000	HR	78.0000	\$546.00
	FT	Field Technician			7.000	HR	61.0000	\$427.00
	SORBPAD	Absorbent Pad (101 Grade) 100/bale			3.000	BALE	131.0000	\$393.00
	SORBBOOM5	Absorbent Boom, 5in x 10ft x 4/Bale			2.000	BALE	159.0000	\$318.00
27 May 2017								
	TKPU	Pickup/Van/Car/Crew Cab			7.500	HR	22.0000	\$165.00
	VACSJ	Vacuum Truck, Straight			4.000	HR	87.0000	\$348.00
	TRLRUTIL	Utility / Support Trailer			1.000	DAY	201.0000	\$201.00
	PPED1	Modified Level D (Tyvec, Gloves and Boots)			2.000	EA	31.0000	\$62.00
	EOOT	Equipment Operator, Overtime			7.500	HR	117.0000	\$877.50
	FTOT	Field Technician Overtime			7.500	HR	91.5000	\$686.25
	SORBSPEED	Speedi Dry			1.000	BAG	12.3600	\$12.36
	TOTE4000	4,000 - 6,000 Gal Poly Storage Tank			1.000	DAY	99.0000 T	\$99.00
	FEE	Recovery Fee			14,698.610	EA	0.1000	\$1,469.86
SUBTOTAL								\$16,168.47



INVOICE
Invoice No 1001869263

	TAX	\$8.17
	TASK TOTAL	\$16,176.64

T indicates SALES TAXABLE ITEM

Invoice Date: 05 Jun 2017



BILLING NAME/ADDRESS
Tahoe Donner Association
Attn: AP (530) 587-9433
11509 Northwoods Blvd.
Truckee, CA 96161

SHIP TO ADDRESS
Tahoe Donner Association
Receiving Department
11509 Northwoods Blvd.
Truckee, CA 96161

Complete highlighted areas:

Purchase Requisition

Order Processing Method:

Order Processed BY:

PO Date: 7/13/2017
Date Order Delivery Required: 7/14/2017
Deliver Order To, Name: Sean Connors
PO Requested by, Name: Sean Connors

pick one > Email
pick one > Net 30
pick one > Dept Mgr

pick one > Email
pick one > Net 30
pick one > Dept Mgr

PO Requested by: Dept/Dept Name

160 Maintenance

VENDOR/SUPPLIER NAME & INFO (Existing/Current Vendor) - PICK from List Above
Supplier Name: 0 Use Button Scroll Bar
Remit to Name: 0 Use Button Scroll Bar
Address line 1:
Address line 2:
City: State: ZIP:
Comment: FAX #:
Phone #: FAX #:
EMAIL:

VENDOR/SUPPLIER NAME & INFO (NEW Vendor) (note IRS W-9 required prior to order placement)
Supplier Name: Clean Harbors Envir. Services
Remit to Name:
Address line 1: PO Box 3442
Address line 2:
City: Boston State: MA
Comment: ZIP: 2241
Phone #: 775-331-9400 FAX #:
EMAIL:

REQUIRED FIELD		1st 15 Characters for Each		Account Code		Account Description / Dept Charged		GL CHARGE Amount	
xxxxxx - xxx		52505-005		Hazardous Waste / General		\$ 16,176.64		\$ 16,176.64	
1	May 2017 Culvert Cleanup	E	1	\$ 16,176.64	\$ 16,176.64	N	-	\$ -	-
2		E		\$ -	\$ -	Y	-	\$ -	-
3		E		\$ -	\$ -	Y	-	\$ -	-
4		E		\$ -	\$ -	Y	-	\$ -	-
5		E		\$ -	\$ -	Y	-	\$ -	-
6		E		\$ -	\$ -	Y	-	\$ -	-
7		E		\$ -	\$ -	Y	-	\$ -	-

Use PO Form (2) if more than 7 rows required.
Include any quotes or other support if available, below in Order Comments or attached to email
Use PO Form (2) if more than 7 rows required.
Include any quotes or other support if available, below in Order Comments or attached to email

ORDER COMMENTS:
Clean Harbors invoice#1001869263 May culvert cleanup

BUDGET / OTHER COMMENTS:
Is this a CAPITAL PROJECT: NO

Grand Total \$ 16,176.64
PO TL, this Page \$ 16,176.64
PO TL, PO Page 2 \$ -
PO TL, PO Page 3 \$ -
Grand Total \$ 16,176.64

Purchasing Manager, Usa Foster



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH1473736

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **CAD982341620** GENERATOR NAME: **Tahoe Donner Homeowners Association**
GENERATOR CODE (Assigned by Clean Harbors) **TA2296** CITY **Truckee** STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**
ADDRESS **14514 Northwoods Boulevard** PHONE: **(530) 582-9630**
CUSTOMER CODE (Assigned by Clean Harbors) **TA9868** CUSTOMER NAME: **Tahoe Donner Homeowners Association**
ADDRESS **11509 Northwoods Boulevard** CITY **Truckee** STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Oily Contaminated Debris**PROCESS GENERATING WASTE: **Spent absorbents and PPE from cleanup.**IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE <input checked="" type="checkbox"/> SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS				VISCOSITY (If liquid present) 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000	COLOR varies	
	1	2	3	TOP			0.00
	% BY VOLUME (Approx.)			MIDDLE			0.00
				BOTTOM	0.00		
ODOR NONE <input checked="" type="checkbox"/> MILD STRONG Describe:		BOILING POINT °F (°C) ≤ 95 (≤ 35) 95 - 100 (35-38) 101 - 129 (38-54) ≥ 130 (> 54)		MELTING POINT °F (°C) ≤ 140 (≤ 60) 140-200 (60-93) <input checked="" type="checkbox"/> > 200 (> 93)	TOTAL ORGANIC CARBON ≤ 1% <input checked="" type="checkbox"/> 1-9% ≥ 10%		
FLASH POINT °F (°C) ≤ 73 (≤ 23) 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) ≥ 200 (> 93)	pH ≤ 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 ≥ 12.5	SPECIFIC GRAVITY ≤ 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) ≥ 1.2 (e.g. Methylene Chloride)	ASH ≤ 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 <input checked="" type="checkbox"/> Unknown	BTU/LB (MJ/kg) <input checked="" type="checkbox"/> ≤ 2,000 (< 4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) ≥ 10,000 (> 23.2) Actual:			

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
ABSORBANT BOOM AND PADS	50.0000000	70.0000000	%
PPE	20.0000000	50.0000000	%
SOIL & DEBRIS	20.0000000	50.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX. METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES ☒ NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES ☒ NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING: ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES ☒ NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE **G32** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE. **W002**



E. CONSTITUENTS

Are these values based on testing or knowledge? ☒ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Generators Knowledge of process creating waste.

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0				<input checked="" type="checkbox"/>
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS			OTHER CONSTITUENTS			MAX UOM NOT APPLICABLE
D018	BENZENE	0.5				<input checked="" type="checkbox"/>
D019	CARBON TETRACHLORIDE	0.5				<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0				<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0				<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5				<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7				<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0				<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7				<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5				<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2				<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS			CYANIDE AMENABLE			<input checked="" type="checkbox"/>
D023	p-CRESOL	200.0				<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0				<input checked="" type="checkbox"/>
D025	p-CRESOL	200.0				<input checked="" type="checkbox"/>
D026	CRESOL (TOTAL)	200.0				<input checked="" type="checkbox"/>
D027	1,4-DICHLOROBENZENE	7.5				<input checked="" type="checkbox"/>
D030	2,4-DINITROTOLUENE	0.13				<input checked="" type="checkbox"/>
D032	HEXACHLOROBENZENE	0.13				<input checked="" type="checkbox"/>
D033	HEXACHLOROBUTADIENE	0.5				<input checked="" type="checkbox"/>
D034	HEXACHLOROETHANE	3.0				<input checked="" type="checkbox"/>
D036	NITROBENZENE	2.0				<input checked="" type="checkbox"/>
D037	PENTACHLOROPHENOL	100.0				<input checked="" type="checkbox"/>
D038	PYRIDINE	5.0				<input checked="" type="checkbox"/>
D041	2,4,5-TRICHLOROPHENOL	400.0				<input checked="" type="checkbox"/>
D042	2,4,6-TRICHLOROPHENOL	2.0				<input checked="" type="checkbox"/>
PESTICIDES AND HERBICIDES			CYANIDE REACTIVE			<input checked="" type="checkbox"/>
D012	ENDRIN	0.02				<input checked="" type="checkbox"/>
D013	LINDANE	0.4				<input checked="" type="checkbox"/>
D014	METHOXYCHLOR	10.0				<input checked="" type="checkbox"/>
D015	TOXAPHENE	0.5				<input checked="" type="checkbox"/>
D016	2,4-D	10.0				<input checked="" type="checkbox"/>
D017	2,4,5-TP (SILVEX)	1.0				<input checked="" type="checkbox"/>
D020	CHLORDANE	0.03				<input checked="" type="checkbox"/>
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				<input checked="" type="checkbox"/>
ADDITIONAL HAZARDS			CYANIDE TOTAL			<input checked="" type="checkbox"/>
DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?			SULFIDE REACTIVE			<input checked="" type="checkbox"/>
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> (If yes, explain)			HOCs			PCBs
CHOOSE ALL THAT APPLY			<input checked="" type="checkbox"/> NONE			<input checked="" type="checkbox"/> NONE
DEA REGULATED SUBSTANCES			< 1000 PPM			< 50 PPM
POLYMERIZABLE			>= 1000 PPM			>= 50 PPM
EXPLOSIVE			IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?			YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
RADIOACTIVE			FUMING			
			REACTIVE MATERIAL			
			OSHA REGULATED CARCINOGENS			
			<input checked="" type="checkbox"/> NONE OF THE ABOVE			



F. REGULATORY STATUS

YES ☒ NO USEPA HAZARDOUS WASTE?☒ YES NO DO ANY STATE WASTE CODES APPLY?

352

Texas Waste Code

YES ☒ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?YES ☒ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?LDR CATEGORY:
VARIANCE INFO:

Not subject to LDR

YES ☒ NO IS THIS A UNIVERSAL WASTE?YES ☒ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☒ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☒ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS ≥ 500 PPM?YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE $\geq .3$ KPA (.044 PSIA)?YES ☒ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?YES ☒ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE?YES ☒ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G)

Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) > 10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is: Knowledge of the Waste Or Test Data

Knowledge

Testing

Describe the knowledge:

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON HAZARDOUS, NON D.O.T. REGULATED, (OIL CONTAMINATED DEBRIS)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER☒ CONTAINERIZED

5-15 CONTAINERS/SHIPMENT

BULK LIQUID

BULK SOLID

STORAGE CAPACITY: 15

GALLONS/SHIPMENT: 0 Min - 0 Max

GAL.

SHIPMENT UOM:

TON

YARD

CONTAINER TYPE:

TONS/YARDS/SHIPMENT: 0 Min - 0 Max

PORTABLE TOTE TANK

BOX/CARTON/CASE

CUBIC YARD BOX

DRUM

OTHER

DRUM SIZE

55

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE



WASTE MATERIAL PROFILE SHEET

Clean Harbors Profile No. CH1473727

A. GENERAL INFORMATION

GENERATOR EPA ID #/REGISTRATION # **CAD982341620** GENERATOR NAME **Tahoe Donner Homeowners Association**
GENERATOR CODE (Assigned by Clean Harbors) **TA2296** CITY **Truckee** STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**
ADDRESS **14514 Northwoods Boulevard** PHONE: **(530) 582-9630**
CUSTOMER CODE (Assigned by Clean Harbors) **TA9868** CUSTOMER NAME **Tahoe Donner Homeowners Association**
ADDRESS **11509 Northwoods Boulevard** CITY **Truckee** STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Oily Water**PROCESS GENERATING WASTE: **Clean up of spill residuals**IS THIS WASTE CONTAINED IN SMALL PACKAGING CONTAINED WITHIN A LARGER SHIPPING CONTAINER? **No**

C. PHYSICAL PROPERTIES (at 25C or 77F)

PHYSICAL STATE SOLID WITHOUT FREE LIQUID POWDER MONOLITHIC SOLID <input checked="" type="checkbox"/> LIQUID WITH NO SOLIDS LIQUID/SOLID MIXTURE % FREE LIQUID % SETTLED SOLID % TOTAL SUSPENDED SOLID SLUDGE GAS/AEROSOL	NUMBER OF PHASES/LAYERS 1 <input checked="" type="checkbox"/> 2 3 TOP 5.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 95.00		VISCOSITY (If liquid present) <input checked="" type="checkbox"/> 1 - 100 (e.g. Water) 101 - 500 (e.g. Motor Oil) 501 - 10,000 (e.g. Molasses) > 10,000		COLOR varies	
	ODOR NONE <input checked="" type="checkbox"/> MILD STRONG Describe:		BOILING POINT °F (°C) ≤ 95 (≤ 35) 95 - 100 (35-38) 101 - 129 (38-54) <input checked="" type="checkbox"/> ≥ 130 (≥ 54)			MELTING POINT °F (°C) < 140 (< 60) 140-200 (60-93) > 200 (> 93)
	FLASH POINT °F (°C) < 73 (< 23) 73 - 100 (23-38) 101 - 140 (38-60) 141 - 200 (60-93) <input checked="" type="checkbox"/> > 200 (> 93)	pH ≤ 2 2.1 - 6.9 <input checked="" type="checkbox"/> 7 (Neutral) 7.1 - 12.4 ≥ 12.5	SPECIFIC GRAVITY < 0.8 (e.g. Gasoline) 0.8-1.0 (e.g. Ethanol) <input checked="" type="checkbox"/> 1.0 (e.g. Water) 1.0-1.2 (e.g. Antifreeze) > 1.2 (e.g. Methylene Chloride)	ASH < 0.1 0.1 - 1.0 1.1 - 5.0 5.1 - 20.0 <input checked="" type="checkbox"/> > 20 Unknown		BTU/LB (MJ/kg) <input checked="" type="checkbox"/> < 2,000 (< 4.6) 2,000-5,000 (4.6-11.6) 5,000-10,000 (11.6-23.2) > 10,000 (≥ 23.2) Actual:

D. COMPOSITION (List the complete composition of the waste, include any inert components and/or debris. Ranges for individual components are acceptable. If a trade name is used, please supply an MSDS. Please do not use abbreviations.)

CHEMICAL	MIN	MAX	UOM
DIESEL	1.0000000	5.0000000	%
MOTOR OIL	1.0000000	5.0000000	%
WATER	95.0000000	100.0000000	%

DOES THIS WASTE CONTAIN ANY HEAVY GAUGE METAL DEBRIS OR OTHER LARGE OBJECTS (EX., METAL PLATE OR PIPING >1/4" THICK OR >12" LONG, METAL REINFORCED HOSE >12" LONG, METAL WIRE >12" LONG, METAL VALVES, PIPE FITTINGS, CONCRETE REINFORCING BAR OR PIECES OF CONCRETE >3")? YES NO

If yes, describe, including dimensions:

DOES THIS WASTE CONTAIN ANY METALS IN POWDERED OR OTHER FINELY DIVIDED FORM? YES ☒ NO

DOES THIS WASTE CONTAIN OR HAS IT CONTACTED ANY OF THE FOLLOWING: ANIMAL WASTES, HUMAN BLOOD, BLOOD PRODUCTS, BODY FLUIDS, MICROBIOLOGICAL WASTE, PATHOLOGICAL WASTE, HUMAN OR ANIMAL DERIVED SERUMS OR PROTEINS OR ANY OTHER POTENTIALLY INFECTIOUS MATERIAL? YES ☒ NO

I acknowledge that this waste material is neither infectious nor does it contain any organism known to be a threat to human health. This certification is based on my knowledge of the material. Select the answer below that applies:

The waste was never exposed to potentially infectious material. YES NO

Chemical disinfection or some other form of sterilization has been applied to the waste. YES NO

I ACKNOWLEDGE THAT THIS PROFILE MEETS THE CLEAN HARBORS BATTERY PACKAGING REQUIREMENTS. YES NO

I ACKNOWLEDGE THAT MY FRIABLE ASBESTOS WASTE IS DOUBLE BAGGED AND WETTED. YES NO

SPECIFY THE SOURCE CODE ASSOCIATED WITH THE WASTE **G32** SPECIFY THE FORM CODE ASSOCIATED WITH THE WASTE **W101**



E. CONSTITUENTS

Are these values based on testing or knowledge? ☒ Knowledge ☐ Testing

If based on knowledge, please describe in detail, the rationale applied to identify and characterize the waste material. Please include reference to Material Safety Data Sheets (MSDS) when applicable. Include the chemical or trade-name represented by the MSDS, and or detailed process or operating procedures which generate the waste.

Generator Knowledge of process generating waste

Please indicate which constituents below apply. Concentrations must be entered when applicable to assist in accurate review and expedited approval of your waste profile. Please note that the total regulated metals and other constituents sections require answers.

RCRA	REGULATED METALS	REGULATORY LEVEL (mg/l)	TCLP mg/l	TOTAL	UOM	NOT APPLICABLE
D004	ARSENIC	5.0				<input checked="" type="checkbox"/>
D005	BARIUM	100.0				<input checked="" type="checkbox"/>
D006	CADMIUM	1.0				<input checked="" type="checkbox"/>
D007	CHROMIUM	5.0				<input checked="" type="checkbox"/>
D008	LEAD	5.0				<input checked="" type="checkbox"/>
D009	MERCURY	0.2				<input checked="" type="checkbox"/>
D010	SELENIUM	1.0				<input checked="" type="checkbox"/>
D011	SILVER	5.0				<input checked="" type="checkbox"/>
VOLATILE COMPOUNDS						
D018	BENZENE	0.5				<input checked="" type="checkbox"/>
D019	CARBON TETRACHLORIDE	0.5				<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0				<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0				<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5				<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7				<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0				<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7				<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5				<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2				<input checked="" type="checkbox"/>
SEMI-VOLATILE COMPOUNDS						
D023	o-CRESOL	200.0				<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0				<input checked="" type="checkbox"/>
D025	p-CRESOL	200.0				<input checked="" type="checkbox"/>
D026	CRESOL (TOTAL)	200.0				<input checked="" type="checkbox"/>
D027	1,4-DICHLOROBENZENE	7.5				<input checked="" type="checkbox"/>
D030	2,4-DINITROTOLUENE	0.13				<input checked="" type="checkbox"/>
D032	HEXACHLOROBENZENE	0.13				<input checked="" type="checkbox"/>
D033	HEXACHLOROBUTADIENE	0.5				<input checked="" type="checkbox"/>
D034	HEXACHLOROETHANE	3.0				<input checked="" type="checkbox"/>
D036	NITROBENZENE	2.0				<input checked="" type="checkbox"/>
D037	PENTACHLOROPHENOL	100.0				<input checked="" type="checkbox"/>
D038	PYRIDINE	5.0				<input checked="" type="checkbox"/>
D041	2,4,5-TRICHLOROPHENOL	400.0				<input checked="" type="checkbox"/>
D042	2,4,6-TRICHLOROPHENOL	2.0				<input checked="" type="checkbox"/>
PESTICIDES AND HERBICIDES						
D012	ENDRIN	0.02				<input checked="" type="checkbox"/>
D013	LINDANE	0.4				<input checked="" type="checkbox"/>
D014	METHOXYCHLOR	10.0				<input checked="" type="checkbox"/>
D015	TOXAPHENE	0.5				<input checked="" type="checkbox"/>
D016	2,4-D	10.0				<input checked="" type="checkbox"/>
D017	2,4,5-TP (SILVEX)	1.0				<input checked="" type="checkbox"/>
D020	CHLORDANE	0.03				<input checked="" type="checkbox"/>
D031	HEPTACHLOR (AND ITS EPOXIDE)	0.008				<input checked="" type="checkbox"/>

OTHER CONSTITUENTS	MAX	UOM	NOT APPLICABLE
BROMINE			<input checked="" type="checkbox"/>
CHLORINE			<input checked="" type="checkbox"/>
FLUORINE			<input checked="" type="checkbox"/>
IODINE			<input checked="" type="checkbox"/>
SULFUR			<input checked="" type="checkbox"/>
POTASSIUM			<input checked="" type="checkbox"/>
SODIUM			<input checked="" type="checkbox"/>
AMMONIA			<input checked="" type="checkbox"/>
CYANIDE AMENABLE			<input checked="" type="checkbox"/>
CYANIDE REACTIVE			<input checked="" type="checkbox"/>
CYANIDE TOTAL			<input checked="" type="checkbox"/>
SULFIDE REACTIVE			<input checked="" type="checkbox"/>

HOCs	PCBs
<input checked="" type="checkbox"/> NONE	<input checked="" type="checkbox"/> NONE
< 1000 PPM	< 50 PPM
>= 1000 PPM	>= 50 PPM
IF PCBs ARE PRESENT, IS THE WASTE REGULATED BY TSCA 40 CFR 761?	
YES	<input checked="" type="checkbox"/> NO

ADDITIONAL HAZARDS

DOES THIS WASTE HAVE ANY UNDISCLOSED HAZARDS OR PRIOR INCIDENTS ASSOCIATED WITH IT, WHICH COULD AFFECT THE WAY IT SHOULD BE HANDLED?

YES ☒ NO (If yes, explain)

CHOOSE ALL THAT APPLY

DEA REGULATED SUBSTANCES

EXPLOSIVE

FUMING

OSHA REGULATED CARCINOGENS

POLYMERIZABLE

RADIOACTIVE

REACTIVE MATERIAL

☒ NONE OF THE ABOVE



F. REGULATORY STATUS

YES ☒ NO USEPA HAZARDOUS WASTE?☒ YES NO DO ANY STATE WASTE CODES APPLY?

223

Texas Waste Code

YES ☒ NO DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?YES ☒ NO IS THIS WASTE PROHIBITED FROM LAND DISPOSAL WITHOUT FURTHER TREATMENT PER 40 CFR PART 268?LDR CATEGORY:
VARIANCE INFO:

Not subject to LDR

YES ☒ NO IS THIS A UNIVERSAL WASTE?YES ☒ NO IS THE GENERATOR OF THE WASTE CLASSIFIED AS VERY SMALL QUANTITY GENERATOR (VSQG) OR A STATE EQUIVALENT DESIGNATION?

YES NO IS THIS MATERIAL GOING TO BE MANAGED AS A RCRA EXEMPT COMMERCIAL PRODUCT, WHICH IS FUEL (40 CFR 261.2 (C)(2)(II))?

YES ☒ NO DOES TREATMENT OF THIS WASTE GENERATE A F006 OR F019 SLUDGE?

YES NO IS THIS WASTE STREAM SUBJECT TO THE INORGANIC METAL BEARING WASTE PROHIBITION FOUND AT 40 CFR 268.3(C)?

YES ☒ NO DOES THIS WASTE CONTAIN VOC'S IN CONCENTRATIONS ≥ 500 PPM?YES NO DOES THE WASTE CONTAIN GREATER THAN 20% OF ORGANIC CONSTITUENTS WITH A VAPOR PRESSURE $\geq .3$ KPA (.044 PSIA)?YES ☒ NO DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?YES ☒ NO IS THIS CERCLA REGULATED (SUPERFUND) WASTE?YES ☒ NO IS THE WASTE SUBJECT TO ONE OF THE FOLLOWING NESHAP RULES?

Hazardous Organic NESHAP (HON) rule (subpart G)

Pharmaceuticals production (subpart GGG)

YES NO IF THIS IS A US EPA HAZARDOUS WASTE, DOES THIS WASTE STREAM CONTAIN BENZENE?

YES NO Does the waste stream come from a facility with one of the SIC codes listed under benzene NESHAP or is this waste regulated under the benzene NESHAP rules because the original source of the waste is from a chemical manufacturing, coke by-product recovery, or petroleum refinery process?

YES NO Is the generating source of this waste stream a facility with Total Annual Benzene (TAB) > 10 Mg/year?

What is the TAB quantity for your facility? Megagram/year (1 Mg = 2,200 lbs)

The basis for this determination is Knowledge of the Waste Or Test Data

Knowledge

Testing

Describe the knowledge:

G. DOT/TDG INFORMATION

DOT/TDG PROPER SHIPPING NAME:

NON HAZARDOUS, NON D.O.T. REGULATED LIQUID, (OILY WATER)

H. TRANSPORTATION REQUIREMENTS

ESTIMATED SHIPMENT FREQUENCY ☒ ONE TIME WEEKLY MONTHLY QUARTERLY YEARLY OTHER

CONTAINERIZED

Q-Q CONTAINERS/SHIPMENT

STORAGE CAPACITY:

CONTAINER TYPE:

PORTABLE TOTE TANK

BOX/CARTON/CASE

CUBIC YARD BOX

DRUM

OTHER

DRUM SIZE

☒ BULK LIQUIDGALLONS/SHIPMENT: 100.00 Min -5000.00 GAL.
Max

BULK SOLID

SHIPMENT UOM: TON YARD

TONS/YARDS/SHIPMENT: 0 Min - 0 Max

I. SPECIAL REQUEST

COMMENTS OR REQUESTS:

GENERATOR'S CERTIFICATION

I certify that I am authorized to execute this document as an authorized agent. I hereby certify that all information submitted in this and attached documents is correct to the best of my knowledge. I also certify that any samples submitted are representative of the actual waste. If Clean Harbors discovers a discrepancy during the approval process, Generator grants Clean Harbors the authority to amend the profile, as Clean Harbors deems necessary, to reflect the discrepancy.

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

DATE



Proposal No. PT17171
July 8, 2017

Tahoe Donner Association
11509 Northwoods Boulevard
Truckee, California 96161

Attention: Annie Rosenfeld

Reference: *Tahoe Donner Association*
Truckee, Nevada County, California

Subject: *Proposal for On-Call Environmental Consulting Services*

Holdrege & Kull (H&K) is pleased to present this proposal to perform on-call environmental consulting services for Tahoe Donner Association (TDA). H&K understands that an apparent petroleum hydrocarbon release recently occurred near the existing Maintenance complex and impacted near-surface soil. In addition, H&K also understands that representatives of the California Regional Water Quality Control Board, Lahontan Region (Lahontan) collected near-surface soil samples of stained surface soil within the area of the recent release. Based on our recent conversations with you, the stained soil has been removed and Lahontan is requesting collection of confirmation soil samples in the area of the removed soil.

Our current scope of services will include the following:

- A single site visit to collect near-surface soil samples at locations previously sampled by Lahontan;
- Consultation with regulatory agencies and TDA staff;
- Review of the laboratory analytical report for soil samples collected by H&K (H&K understands that Alpha Analytical, Inc. located in Sparks, Nevada, will complete laboratory testing services); and,
- Preparation of a letter describing H&K's soil sampling, presenting laboratory test results, providing a general opinion regarding the effectiveness of the removed stained soil, and recommendations for further remedial efforts, as needed.

H&K will provide the scope of services described above for an estimated fee of \$3,000 to \$4,000, on a time and expense basis in accordance with our attached 2017 Fee Schedule. This cost does not include analytical laboratory fees. H&K understands that analytical fees will be charged to the TDA account with Alpha Analytical, Inc. Billing will be monthly on a percent complete basis. Additional services beyond the scope of this proposal performed at the client's request will be

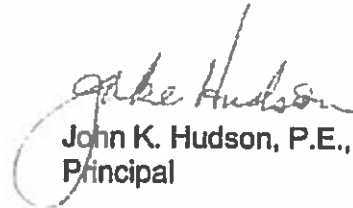
billed on a time and materials basis using the fee schedule applicable at the time the services are provided. Please sign and return one copy of the attached Agreement for Environmental Consulting Services to our office as our authorization to proceed. We appreciate the opportunity to provide this proposal, and we look forward to working with you. If you have any questions or need additional information, please contact the undersigned.

Sincerely,

HOLDREGE & KULL



Pamela J. Raynak, P.G.
Senior Geologist



John K. Hudson, P.E., C.E.G.
Principal

Enclosures: 2017 Fee Schedule
 Agreement for Environmental Consulting Services

HOLDREGE & KULL



AGREEMENT FOR ENVIRONMENTAL CONSULTING SERVICES

THIS AGREEMENT, effective as of this 8th day of July 2017, is by and between Tahoe Donner Association ("Client") and Holdrege & Kull Consulting Engineers and Geologists ("Consultant"). The Project is described in Consultant's attached PROPOSAL PT17171, dated July 8, 2017, which is hereby incorporated into and made a part of this Agreement. Consultant will perform Services under this Agreement as an independent contractor.

1. Level of Service. Consultant offers different levels of environmental consulting Services to suit the desires and needs of different clients. Although the possibility of error can never be eliminated, more detailed and extensive Services yield more information and reduce the probability of error, but at increased cost. Client must determine the level of service adequate for its purposes. Client has reviewed the scope of services outlined in the PROPOSAL and has determined that it does not need or want a greater level of service than that being provided.

2. Standard of Care. Subject to the limitations inherent in the agreed scope of services outlined in the PROPOSAL as to the degree of care, the amount of time and expenses to be incurred, and subject to any other limitations contained in this Agreement, Consultant may perform its Services consistent with that level of care and skill ordinarily exercised by other consultants practicing in the same discipline and locale under similar circumstances at the time the Services are performed. No warranty, express or implied, is included or intended by this Agreement. Client acknowledges that Projects that include hazardous or toxic materials and/or investigations of chemicals in the environment involve inherent uncertainties, such as limitations on laboratory analytical methods and variations in subsurface conditions. Such uncertainties may adversely affect a Project's results, even though the Services are performed with skill and care.

3. Payments to Consultant. Client will pay Consultant's invoices within 30 days following the invoice date, along with a late payment charge at the rate of 1½% per month after that date. Consultant may, at its sole option, suspend or terminate this Agreement if Client does not make payments when due. Unless otherwise agreed in writing, Consultant will bill its Services on a time-and-materials basis using its current schedule of fees and costs. Limitations stated in the PROPOSAL on the amount to be billed are estimates only, and are not an agreement by Consultant that it will complete the Services for the estimated amount. Client will reimburse Consultant for any costs, including legal fees, associated with the collection of past due unpaid amounts.

4. Evolving Technologies. The investigation, characterization and remediation of hazardous materials involve technologies which are rapidly evolving. Existing state-of-the-art technologies are often new and untried, and future technologies may supersede current techniques. In addition, standards for remediation, including statutes and regulations, change with time. Client understands that Consultant's recommendations must be based upon current technologies and standards and may differ from the recommendations that might be made at a later time.

5. Certifications. Client agrees not to require Consultant to execute any certification with regard to Services performed or Work tested and/or observed under this Agreement unless: 1) Consultant believes that it has performed sufficient Services to provide a sufficient basis to issue the certification; 2) Consultant believes that the Services performed or Work tested and/or observed meet the criteria of the certification; and 3) Consultant has reviewed and approved in writing the exact form of such certification prior to execution of this Agreement. Any certification by Consultant is limited to an expression of professional opinion based upon the Services performed by Consultant, and does not constitute a warranty or guaranty, either express or implied.

6. Site Access. Client agrees to provide access and/or obtain permission for Consultant to enter upon all property as necessary to perform the Services. Consultant will exercise reasonable care to reduce damage, but Client recognizes that Consultant's operations and investigative equipment may unavoidably alter or affect the Project site. The cost of repairing such damage will be borne by Client and is not included in the fee unless otherwise stated in the PROPOSAL.

7. Relevant Information. Client will provide Consultant with all information Client has, or can reasonably obtain, concerning the Project site, including subsurface conditions and the location of subsurface or hidden pipes, utilities or structures. Consultant will endeavor to avoid damage to such pipes, utilities and structures, but is not responsible for any damage to such items not properly identified in the information provided to it by Client. Consultant may reasonably rely on the accuracy and completeness of any information supplied by Client, without independently verifying its accuracy. Prior to the commencement of Services, Client will notify Consultant of any known potential health or safety hazard existing on or near the Project site, with particular reference to Hazardous Materials or conditions.



8. **Hazardous Materials.** The term Hazardous Materials means any toxic substances, chemicals, radioactivity, pollutants or other materials, in whatever form or state, known or suspected to impair the environment in any way whatsoever, including but are not limited to, those substances defined, designated or listed in any federal, state or local law, regulation or ordinance concerning hazardous wastes, toxic substances or pollution. Client is solely responsible for notifying all appropriate federal, state, municipal or other governmental agencies and potentially affected public of the existence of any Hazardous Materials located at the Project site during performance of this Agreement. Any samples from the Project site that contain hazardous materials will remain the property of Client.

9. **Remediation Phase Services.** Consultant is not responsible for the means, methods, techniques or sequences used by Contractor during the performance of the Remediation Work ("Work"). Consultant will not supervise or direct Contractor's Work, nor be liable for any failure of Contractor to complete its Work in accordance with the Contract Documents or with applicable laws and regulations. Client understands and agrees that Contractor, and not Consultant, has sole responsibility for the safety of persons and property at the Project Site during remediation. Tests performed by Consultant on finished Work or Work in progress are taken intermittently and indicate the general acceptability of the Work on a statistical basis. Consultant's tests and observation of the Work are not a guarantee of the quality of other parties' work and do not relieve other parties from their responsibility to perform their work in accordance with applicable plans, specifications and requirements. Client acknowledges that environmental remediation costs are subject to many influences that are not subject to precise forecasting and are outside of Consultant's control. Client further acknowledges that actual costs incurred may vary substantially from the estimates prepared by Consultant and that Consultant does not warrant or guaranty the accuracy of environmental remediation cost estimates.

10. **Subsurface Structures.** Client agrees to correctly designate the location of all subsurface structures on plans to be furnished to Consultant such as pipes, tanks, cables and utilities within the property lines of the Project Site(s) and be responsible for any damage inadvertently caused by Consultant to any such structure or utility not so designated. Consultant is not liable to Client for any losses, damages or claims arising from damage to subterranean structures or utilities that were not correctly shown on plans furnished by Client to Consultant.

11. **Manifests.** Client agrees to execute all manifests or other documents evidencing ownership, possession or control over Hazardous Materials.

12. **Limitation of Remedies.** The total cumulative liability of Consultant and its subcontractors, employees and agents to Client arising from Services under this Agreement will not exceed the gross compensation received by Consultant under this Agreement or \$50,000, whichever is greater. This limitation applies to all lawsuits, claims or actions that allege errors or omissions by Consultant, whether alleged in tort, contract, or under any other legal theory. Upon Client's written request, Consultant and Client may agree to increase the limitation to a greater amount in exchange for an increase in Consultant's fee. Neither Consultant nor Client will be liable to the other for any special, consequential, incidental or penal losses or damages. Further, both Client and Consultant waive any right to sue, or otherwise make any claim against any of the other party's officers, directors, shareholders or employees, past or present, as individuals.

13. **Insurance.** Consultant will maintain policies of general liability, automobile liability, workers compensation and professional liability (including pollution legal liability) insurance throughout the duration of this Agreement. Client will maintain property insurance sufficient to protect any property in which it has an insurable interest. Consultant and Client each waive any claims against each other for damage to property covered, or that should have been covered by property insurance required by this paragraph, including subrogated claims. Upon request, Consultant and Client will each provide the other with a certificate(s) of insurance evidencing the insurance required by this section.

14. **Indemnification of Client.** Subject to the provisions and limitations of this Agreement and all otherwise applicable statutes of limitations and repose, Engineer agrees to indemnify and hold harmless Client, its shareholders, officers, directors and employees from and against claims, suits, liabilities, damages, expenses (including reimbursement of reasonable attorney's fees and costs of defense), or other losses (collectively "Losses") to the extent caused by Engineer's negligent performance of its Services under this Agreement. Consultant's defense obligation under this indemnity paragraph includes only the reimbursement of reasonable defense costs to the extent of Consultant's actual indemnity obligation hereunder.

15. **Indemnification of Consultant.** Client will indemnify and hold harmless Consultant (including its shareholders, officers, directors and employees) from and against any and all claims, suits, liabilities, damages, expenses (including without limitation reasonable attorney's fees and costs of defense) or other losses, to the extent caused by the negligence of Client, its employees, agents and contractors. In addition, except to the extent caused by Consultant's sole negligence, Client expressly agrees to defend, indemnify and hold harmless Consultant from and against any and all Losses arising from or related to the existence, disposal, release, discharge, treatment or transportation of Hazardous Materials, or the exposure of any person to Hazardous Materials, or the degradation of the environment due to the presence, discharge, disposal, release of or exposure to Hazardous Material.

16. No Personal Liability. Client expressly waives that right to sue, or otherwise make any claim against, any of the Consultant's officers or employees, past or present, as individuals, for any cause.

17. Consequential Damages. Neither Client nor Consultant will be liable to the other for any special, consequential, incidental or penal losses or damages including but not limited to losses, damages or claims related to the unavailability of property or facilities, shutdowns or service interruptions, loss of use, profits, revenue, or inventory, or for use charges, cost of capital, or claims of the other party and/or its customers.

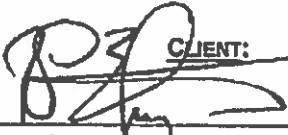
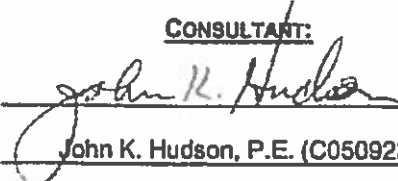
18. Mediation. Consultant and Client agree to mediate any dispute regarding this Agreement or its performance as a precondition to instituting any legal action against the other, each party sharing equally the mediation fees and costs.

19. Termination. Either party may terminate this Agreement for convenience by giving 14 days written notice to the other party, and for cause by giving 7 days written notice. If Client terminates this Agreement, in addition to any other compensation due under this Agreement, it will pay amounts incurred by Consultant in preparing to perform Services, performing them, and in their orderly termination.

20. Continuing Agreement. The indemnity obligations and the limitations of liability established under this Agreement will survive its expiration or termination. If Consultant provides Services to Client that the parties do not confirm in an executed amendment to this Agreement, the obligations of the parties to indemnify each other and the limitations on liability established under this Agreement will apply to such Services as if the parties had executed an amendment.

21. Assignment; Use of Consultant's Work Product. During the term of this Agreement and following its completion, expiration, or termination for any reason, neither the Client nor Consultant shall assign, sublet or transfer any claims, rights, or interest in or under this Agreement without the prior written consent of the other party. No party other than Client may rely on documents produced by Consultant's without Consultant's express prior written consent and receipt of additional compensation. Consultant may subcontract for the services of others without obtaining Client's consent if Consultant deems it necessary or desirable for others to perform certain Services.

22. Full and Final Agreement. This Agreement is the full and final agreement between Consultant and Client and supersedes any prior agreements. This Agreement may not be modified except by a writing executed by both parties.

	<u>CLIENT:</u>	<u>CONSULTANT:</u>
Signature:		
Print Name:	<u>Robb Ethyre</u>	<u>John K. Hudson, P.E. (C050923)</u>
Title:	<u>General Manager</u>	<u>Principal</u>
Company:	<u>Tahoe Donner Association</u>	<u>Holdrege & Kull</u>
Street Address:		<u>10775 Pioneer Trail, Suite 213</u>
City, State, Zip Code:		<u>Truckee, CA 96161</u>
Email:		<u>jhudson@handk.net</u>
Phone:		<u>530 587 5156</u>
Fax:		<u>530 587 5196</u>
Date:		<u>July 8, 2017</u>



Alpha Analytical, Inc
255 Glendale Ave, #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

June 05, 2017

Sean Connors
Tahoe Donner Association
11509 Northwoods Blvd.
Truckee, CA 96161
TEL: (530) 362-0056
FAX

RE: Maintenance Yard

Dear Sean Connors:

Order No.: TDA1705235

There were no problems with the analytical events associated with this report unless noted.

Quality control data is within laboratory defined or method specified acceptance limits except if noted. Version 8260B was used.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in cursive script that reads "Roger Scholl".

Roger Scholl
Laboratory Director
255 Glendale Ave, #21
Sparks, Nevada 89431



Alpha Analytical, Inc.

(775) 355-1044 / (775) 355-0406 FAX / 1-800-283-1183
225 Glendale Ave. - Suite 21 - Sparks, Nevada 89431-5578

Analytical Report

WO#: TDA1705235

Report Date: 6/5/2017

CLIENT: Tahoe Donner Association

Collection Date: 5/22/2017 2:00:00 PM

Project: Maintenance Yard

Lab ID: 1705235-01

Matrix: AQUEOUS

Client Sample ID A discharge

Analyses	Result	PQL	Qual	Units	Date Analyzed	Method
Oil & Grease, HEM	6.3	5		mg/L	5/31/2017	Oil & Grease by EPA 1664
TPH-E (DRO)	0.32	0.1	L	mg/L	5/24/2017	TPH-E by EPA 8015B
TPH-E (ORO)	1.8	1		mg/L	5/24/2017	TPH-E by EPA 8015B
Surr: Nonane	101	53-145		%Rec	5/24/2017	TPH-E by EPA 8015B
TPH-P (GRO)	ND	0.05		mg/L	5/23/2017	TPH-P by EPA 8015B
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	5/23/2017	TPH-P by EPA 8015B
Surr: Toluene-d8	107	70-130		%Rec	5/23/2017	TPH-P by EPA 8015B
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	5/23/2017	TPH-P by EPA 8015B
Solids, Total Suspended (TSS)	44.7	2.5		mg/L	5/24/2017	TSS by SM2540
Chloromethane	ND	2		µg/L	5/23/2017	VOCs by EPA 8260
Vinyl chloride	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Chloroethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Bromomethane	ND	2		µg/L	5/23/2017	VOCs by EPA 8260
Trichlorofluoromethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,1-Dichloroethene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Dichloromethane	ND	2		µg/L	5/23/2017	VOCs by EPA 8260
trans-1,2-Dichloroethene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,1-Dichloroethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
cis-1,2-Dichloroethene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Chloroform	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,2-Dichloroethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,1,1-Trichloroethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Carbon tetrachloride	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Benzene	ND	0.5		µg/L	5/23/2017	VOCs by EPA 8260
1,2-Dichloropropane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Trichloroethene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Bromodichloromethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
cis-1,3-Dichloropropene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
trans-1,3-Dichloropropene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,1,2-Trichloroethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Toluene	ND	0.5		µg/L	5/23/2017	VOCs by EPA 8260
Dibromochloromethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Tetrachloroethene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Chlorobenzene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Ethylbenzene	ND	0.5		µg/L	5/23/2017	VOCs by EPA 8260
m,p-Xylene	ND	0.5		µg/L	5/23/2017	VOCs by EPA 8260
Bromoform	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
o-Xylene	ND	0.5		µg/L	5/23/2017	VOCs by EPA 8260
1,1,2,2-Tetrachloroethane	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,3-Dichlorobenzene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,4-Dichlorobenzene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
1,2-Dichlorobenzene	ND	1		µg/L	5/23/2017	VOCs by EPA 8260
Surr: 1,2-Dichloroethane-d4	97	70-130		%Rec	5/23/2017	VOCs by EPA 8260
Surr: Toluene-d8	107	70-130		%Rec	5/23/2017	VOCs by EPA 8260
Surr: 4-Bromofluorobenzene	92	70-130		%Rec	5/23/2017	VOCs by EPA 8260



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

Batch ID: 1313

Sample ID	MB-1313	SampType: MBLK	TestCode: TPH/E_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 843					
Client ID:	PBW	Batch ID: 1313	TestNo: SW8015	SW8015	Analysis Date: 5/23/2017	SeqNo: 20754					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-E (DRO) ND 0.05

TPH-E (ORO) ND 0.5

Surr: Nonane 0.136 0.15 90.7 52.51 145.49

Sample ID	LCS-1313	SampType: LCS	TestCode: TPH/E_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 843					
Client ID:	LCSW	Batch ID: 1313	TestNo: SW8015	SW8015	Analysis Date: 5/23/2017	SeqNo: 20755					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-E (DRO) 2.43 0.05 2.5 0 97.4 69.51 130.49

Surr: Nonane 0.148 0.15 98.7 52.51 145.49

Sample ID	1705192-01AMSD	SampType: MSD	TestCode: TPH/E_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 843					
Client ID:	BatchQC	Batch ID: 1313	TestNo: SW8015	SW8015	Analysis Date: 5/23/2017	SeqNo: 20758					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-E (DRO) 2.65 0.1 2.5 0.1230 101 50.51 151.49 2.9 40

Surr: Nonane 0.292 0.3 97.3 52.51 145.49 0.278 0

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: 1313

Sample ID	1705192-01AMS	Sample Type	MS	Test Code	TPH/E_W	Units	mg/L	Prep Date	5/23/2017	Run No	843
Client ID	BatchQC	Batch ID	1313	Test No	SW8015	%REC	SW8015	Analysis Date	5/23/2017	Seq No	20757
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit
TPH-E (DRO)		2.57	0.1	2.5	0.1230	98.0	50.51	151.49			
Surr: Nonane		0.278		0.3		92.7	52.51	145.49			

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

Batch ID: A1308

Sample ID	MBLK	TestCode: VOC_W	Units: µg/L	Prep Date:	RunNo:						
Client ID: PBW	Batch ID: A1308	TestNo: SW8260B		5/23/2017	802						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	ND	2									
Vinyl chloride	ND	1									
Chloroethane	ND	1									
Bromomethane	ND	2									
Trichlorofluoromethane	ND	1									
1,1-Dichloroethene	ND	1									
Dichloromethane	ND	2									
trans-1,2-Dichloroethene	ND	1									
1,1-Dichloroethane	ND	1									
cis-1,2-Dichloroethene	ND	1									
Chloroform	ND	1									
1,2-Dichloroethane	ND	1									
1,1,1-Trichloroethane	ND	1									
Carbon tetrachloride	ND	1									
Benzene	ND	0.5									
1,2-Dichloropropane	ND	1									
Trichloroethene	ND	1									
Bromodichloromethane	ND	1									
cis-1,3-Dichloropropene	ND	1									
trans-1,3-Dichloropropene	ND	1									
1,1,2-Trichloroethane	ND	1									
Toluene	ND	0.5									
Dibromochloromethane	ND	1									

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

Batch ID: A1308

Sample ID MB-1308
Client ID: PBW
SampType: MBLK
Batch ID: A1308
TestCode: VOC_W
TestNo: SW8260B
Prep Date: 5/23/2017
Analysis Date: 5/23/2017
RunNo: 802
SeqNo: 19694

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Tetrachloroethene	ND	1									
Chlorobenzene	ND	1									
Ethylbenzene	ND	0.5									
m,p-Xylene	ND	0.5									
Bromoform	ND	1									
o-Xylene	ND	0.5									
1,1,2,2-Tetrachloroethane	ND	1									
1,3-Dichlorobenzene	ND	1									
1,4-Dichlorobenzene	ND	1									
1,2-Dichlorobenzene	ND	1									
Surr: 1,2-Dichloroethane-d4	9.28		10.00		92.8	69.51	130.49				
Surr: Toluene-d8	10.8		10.00		108	69.51	130.49				
Surr: 4-Bromofluorobenzene	10		10.00		100	69.51	130.49				

Sample ID LCS-1308	SampType: LCS	TestCode: VOC_W	Units: µg/L	Prep Date: 5/23/2017	RunNo: 802						
Client ID: LCSW	Batch ID: A1308	TestNo: SW8260B		Analysis Date: 5/23/2017	SeqNo: 19692						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	9.18	2	10.00	0	91.8	39.51	145.49				
Vinyl chloride	11	1	10.00	0	110	69.51	130.49				
Chloroethane	12	1	10.00	0	120	37.51	156.49				
Bromomethane	6.74	2	10.00	0	67.4	13.51	162.49				

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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: A1308

Sample ID	LCS-1308	SampType: LCS	TestCode: VOC_W	Units: µg/L	Prep Date: 5/23/2017	RunNo: 802					
Client ID:	LCSW	Batch ID: A1308	TestNo: SW8260B		Analysis Date: 5/23/2017	SeqNo: 19692					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Trichlorofluoromethane	12	1	10.00	0	120	45.51	154.49				
1,1-Dichloroethene	11.2	1	10.00	0	112	69.51	130.49				
Dichloromethane	9.75	2	10.00	0	97.5	68.51	130.49				
trans-1,2-Dichloroethene	11.4	1	10.00	0	114	69.51	130.49				
1,1-Dichloroethane	10.7	1	10.00	0	107	69.51	130.49				
cis-1,2-Dichloroethene	10.2	1	10.00	0	102	69.51	130.49				
Chloroform	10.3	1	10.00	0	103	69.51	130.49				
1,2-Dichloroethane	9.98	1	10.00	0	99.8	69.51	133.49				
1,1,1-Trichloroethane	10.7	1	10.00	0	107	69.51	135.49				
Carbon tetrachloride	11	1	10.00	0	110	62.51	143.49				
Benzene	10.3	0.5	10.00	0	103	69.51	130.49				
1,2-Dichloropropane	10.1	1	10.00	0	101	69.51	130.49				
Trichloroethene	11	1	10.00	0	110	67.51	138.49				
Bromodichloromethane	9.89	1	10.00	0	98.9	57.51	147.49				
cis-1,3-Dichloropropene	9.13	1	10.00	0	91.3	69.51	130.49				
trans-1,3-Dichloropropene	8.71	1	10.00	0	87.1	69.51	131.49				
1,1,2-Trichloroethane	10.1	1	10.00	0	101	69.51	130.49				
Toluene	10.9	0.5	10.00	0	110	69.51	130.49				
Dibromochloromethane	9.76	1	10.00	0	97.6	48.51	147.49				
Tetrachloroethene	11.7	1	10.00	0	117	69.51	130.49				
Chlorobenzene	10.5	1	10.00	0	105	69.51	130.49				
Ethylbenzene	11	0.5	10.00	0	110	69.51	130.49				
m,p-Xylene	10.9	0.5	10.00	0	109	64.51	139.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: A1308

Sample ID	LCS-1308	SampType	LCS	TestCode	VOC_W	Units	µg/L	Prep Date	5/23/2017	RunNo	802
Client ID	LCSW	Batch ID	A1308	TestNo	SW8260B			Analysis Date	5/23/2017	SeqNo	19692
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Bromoform	9.25	1	10.00	0	92.5	59.51	144.49				
o-Xylene	10.9	0.5	10.00	0	109	69.51	130.49				
1,1,2,2-Tetrachloroethane	9.89	1	10.00	0	98.9	69.51	130.49				
1,3-Dichlorobenzene	11.5	1	10.00	0	115	69.51	130.49				
1,4-Dichlorobenzene	11.5	1	10.00	0	115	69.51	130.49				
1,2-Dichlorobenzene	10.8	1	10.00	0	108	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	9.5		10.00		95.0	69.51	130.49				
Surr: Toluene-d8	10.3		10.00		103	69.51	130.49				
Surr: 4-Bromofluorobenzene	10.3		10.00		103	69.51	130.49				

Sample ID 1705223-01AMSD	SampType: MSD	TestCode: VOC_W	Units: µg/L	Prep Date: 5/23/2017	RunNo: 802						
Client ID: BatchQC	Batch ID: A1308	TestNo: SW8260B		Analysis Date: 5/23/2017	SeqNo: 19684						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	27.4	10	50.00	0	54.7	25.51	146.49	24.9	9.6	30	
Vinyl chloride	36.3	5	50.00	0	72.6	45.51	142.49	32.8	10	30	
Chloroethane	45.3	5	50.00	0	90.7	24.51	164.49	43.2	4.9	30	
Bromomethane	27.7	10	50.00	0	55.3	9.51	172.49	21.7	24	30	
Trichlorofluoromethane	47.4	5	50.00	0	94.7	31.51	164.49	43.7	8	30	
1,1-Dichloroethene	46.2	5	50.00	0	92.4	61.51	133.49	43	7.3	30	
Dichloromethane	44.7	10	50.00	0	89.5	68.51	130.49	41	8.7	30	
trans-1,2-Dichloroethene	50.7	5	50.00	0	101	66.51	131.49	46.4	9	30	

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: A1308

Sample ID 1705223-01AMSD		SampType: MSD		TestCode: VOC_W		Units: µg/L		Prep Date: 5/23/2017		RunNo: 802	
Client ID: BatchQC		Batch ID: A1308		TestNo: SW8260B				Analysis Date: 5/23/2017		SeqNo: 19684	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Dichloroethane	50.1	5	50.00	0	100	66.51	130.49	46.2	8.1	30	
cis-1,2-Dichloroethene	47.8	5	50.00	0	95.7	69.51	130.49	43.3	10	30	
Chloroform	48.8	5	50.00	0	97.6	68.51	130.49	45.1	7.7	30	
1,2-Dichloroethane	48.8	5	50.00	0	97.7	63.51	139.49	44.9	8.3	30	
1,1,1-Trichloroethane	49.2	5	50.00	0	98.4	64.51	139.49	45.7	7.4	30	
Carbon tetrachloride	48.5	5	50.00	0	97.0	55.51	146.49	44.7	8.2	30	
Benzene	47.6	2.5	50.00	0	95.3	66.51	134.49	44.3	7.2	30	
1,2-Dichloropropane	49.5	5	50.00	0	99.0	68.51	134.49	44.8	9.9	30	
Trichloroethene	50	5	50.00	0	100	67.51	138.49	46.2	8.1	30	
Bromodichloromethane	48	5	50.00	0	96.0	57.51	147.49	44	8.8	30	
cis-1,3-Dichloropropene	40.1	5	50.00	0	80.2	60.51	130.49	36.9	8.4	30	
trans-1,3-Dichloropropene	42.3	5	50.00	0	84.7	61.51	131.49	38.1	11	30	
1,1,2-Trichloroethane	49.3	5	50.00	0	98.7	69.51	131.49	46.3	6.2	30	
Toluene	51.1	2.5	50.00	0	102	37.51	130.49	49.2	3.6	30	
Dibromochloromethane	47.4	5	50.00	0	94.7	48.51	147.49	43.1	9.5	30	
Tetrachloroethene	52.2	5	50.00	0	104	62.51	134.49	47.8	8.8	30	
Chlorobenzene	50	5	50.00	0	100	69.51	130.49	45.8	8.9	30	
Ethylbenzene	50.7	2.5	50.00	0	101	69.51	130.49	47.5	6.5	30	
m,p-Xylene	50.6	2.5	50.00	0	101	64.51	139.49	48.8	3.8	30	
Bromoform	44.9	5	50.00	0	89.9	59.51	144.49	41.3	8.3	30	
o-Xylene	51.6	2.5	50.00	0	103	68.51	130.49	48.7	5.8	30	
1,1,2,2-Tetrachloroethane	50.2	5	50.00	0	100	66.51	134.49	45.7	9.3	30	
1,3-Dichlorobenzene	54	5	50.00	0	108	69.51	130.49	49	9.7	30	

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: A1308

Sample ID 1705223-01AMSD		SampType: MSD		TestCode: VOC_W		Units: µg/L		Prep Date: 5/23/2017		RunNo: 802	
Client ID: BatchQC		Batch ID: A1308		TestNo: SW8260B				Analysis Date: 5/23/2017		SeqNo: 19684	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	55.2	5	50.00	0	110	69.51	130.49	50.8	8.4	30	
1,2-Dichlorobenzene	51	5	50.00	0	102	69.51	130.49	46.8	8.6	30	
Surr: 1,2-Dichloroethane-d4	51.8		50.00		104	69.51	130.49	49.6		0	
Surr: Toluene-d8	50.3		50.00		101	69.51	130.49	50.4		0	
Surr: 4-Bromofluorobenzene	50.7		50.00		101	69.51	130.49	50.1		0	

Sample ID	1705223-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L	Prep Date: 5/23/2017	RunNo: 802					
Client ID:	BatchQC	Batch ID: A1308	TestNo: SW8260B		Analysis Date: 5/23/2017	SeqNo: 19683					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chloromethane	24.9	10	50.00	0	49.7	25.51	146.49				
Vinyl chloride	32.8	5	50.00	0	65.5	45.51	142.49				
Chloroethane	43.2	5	50.00	0	86.3	24.51	164.49				
Bromomethane	21.7	10	50.00	0	43.5	9.51	172.49				
Trichlorofluoromethane	43.7	5	50.00	0	87.4	31.51	164.49				
1,1-Dichloroethene	43	5	50.00	0	85.9	61.51	133.49				
Dichloromethane	41	10	50.00	0	82.0	68.51	130.49				
trans-1,2-Dichloroethene	46.4	5	50.00	0	92.7	66.51	131.49				
1,1-Dichloroethane	46.2	5	50.00	0	92.5	66.51	130.49				
cis-1,2-Dichloroethene	43.3	5	50.00	0	86.5	69.51	130.49				
Chloroform	45.1	5	50.00	0	90.3	68.51	130.49				
1,2-Dichloroethane	44.9	5	50.00	0	89.9	63.51	139.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



Alpha Analytical, Inc.
255 Glendale Ave. #21
Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406
Website: www.alpha-analytical.com

QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: A1308

Sample ID	1705223-01AMS	SampType: MS	TestCode: VOC_W	Units: µg/L	Prep Date: 5/23/2017	RunNo: 802					
Client ID:	BatchQC	Batch ID: A1308	TestNo: SW8260B		Analysis Date: 5/23/2017	SeqNo: 19683					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	45.7	5	50.00	0	91.4	64.51	139.49				
Carbon tetrachloride	44.7	5	50.00	0	89.4	55.51	146.49				
Benzene	44.3	2.5	50.00	0	88.6	66.51	134.49				
1,2-Dichloropropane	44.8	5	50.00	0	89.6	68.51	134.49				
Trichloroethene	46.2	5	50.00	0	92.3	67.51	138.49				
Bromodichloromethane	44	5	50.00	0	88.0	57.51	147.49				
cis-1,3-Dichloropropene	36.9	5	50.00	0	73.7	60.51	130.49				
trans-1,3-Dichloropropene	38.1	5	50.00	0	76.1	61.51	131.49				
1,1,2-Trichloroethane	46.3	5	50.00	0	92.7	69.51	131.49				
Toluene	49.2	2.5	50.00	0	98.5	37.51	130.49				
Dibromochloromethane	43.1	5	50.00	0	86.1	48.51	147.49				
Tetrachloroethene	47.8	5	50.00	0	95.7	62.51	134.49				
Chlorobenzene	45.8	5	50.00	0	91.6	69.51	130.49				
Ethylbenzene	47.5	2.5	50.00	0	95.1	69.51	130.49				
m,p-Xylene	48.8	2.5	50.00	0	97.5	64.51	139.49				
Bromofarm	41.3	5	50.00	0	82.7	59.51	144.49				
o-Xylene	48.7	2.5	50.00	0	97.3	68.51	130.49				
1,1,1,2,2-Tetrachloroethane	45.7	5	50.00	0	91.4	66.51	134.49				
1,3-Dichlorobenzene	49	5	50.00	0	98.0	69.51	130.49				
1,4-Dichlorobenzene	50.8	5	50.00	0	102	69.51	130.49				
1,2-Dichlorobenzene	46.8	5	50.00	0	93.6	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	49.6		50.00		99.2	69.51	130.49				
Surr: Toluene-d8	50.4		50.00		101	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

Batch ID: A1308

Sample ID	1705223-01AMS	SampleType:	MS	TestCode:	VOC_W	Units:	µg/L	Prep Date:	5/23/2017	RunNo:	802
Client ID:	BatchQC	Batch ID:	A1308	TestNo:	SW8260B			Analysis Date:	5/23/2017	SeqNo:	19683
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: 4-Bromofluorobenzene	50.1		50.00		100	69.51	130.49				

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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: A1308

Sample ID	MB-1308	SampType: MBLK	TestCode: TPH/P_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 802					
Client ID:	PBW	Batch ID: A1308	TestNo: SW8015		Analysis Date: 5/23/2017	SeqNo: 19728					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO) ND 0.05

Surr: 1,2-Dichloroethane-d4 0.00928

Surr: Toluene-d8 0.0108

Surr: 4-Bromofluorobenzene 0.01

92.8 69.51 130.49

108 69.51 130.49

100 69.51 130.49

Sample ID	GLCS-1308	SampType: GLCS	TestCode: TPH/P_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 802					
Client ID:	BatchQC	Batch ID: A1308	TestNo: SW8015		Analysis Date: 5/23/2017	SeqNo: 19726					
Analyte	Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO) 0.363

Surr: 1,2-Dichloroethane-d4 0.00919

Surr: Toluene-d8 0.0104

Surr: 4-Bromofluorobenzene 0.0102

90.8 69.51 130.49

91.9 69.51 130.49

104 69.51 130.49

102 69.51 130.49

Sample ID	1705223-01AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 802					
Client ID:	BatchQC	Batch ID: A1308	TestNo: SW8015		Analysis Date: 5/23/2017	SeqNo: 19737					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO) 1.74

Surr: 1,2-Dichloroethane-d4 0.0513

86.9 53.51 143.49

103 53.51 143.49

22 23

0.0512 0

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: A1308

Sample ID	1705223-01AGSD	SampType: GSD	TestCode: TPH/P_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 802					
Client ID: BatchQC		Batch ID: A1308	TestNo: SW8015		Analysis Date: 5/23/2017	SeqNo: 19737					
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Toluene-d8	0.0509		0.05		102	69.51	130.49	0.0506		0	
Surr: 4-Bromofluorobenzene	0.0503		0.05		101	69.51	130.49	0.051		0	

Sample ID 1705223-01AGS	SampType: GS	TestCode: TPH/P_W	Units: mg/L	Prep Date: 5/23/2017	RunNo: 802						
Client ID: BatchQC	Batch ID: A1308	TestNo: SW8015		Analysis Date: 5/23/2017	SeqNo: 19736						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
TPH-P (GRO)	1.39	0.25	2	0	69.5	53.51	143.49				
Surr: 1,2-Dichloroethane-d4	0.0512		0.05		102	69.51	130.49				
Surr: Toluene-d8	0.0506		0.05		101	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.051		0.05		102	69.51	130.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: W0523SS

Sample ID	WC170327-01	SampType:	LCS	TestCode:	TSS_W	Units:	mg/L	Prep Date:	5/24/2017	RunNo:	825	
Client ID:	LCSW	Batch ID:	W0523SS	TestNo:	Solids			Analysis Date:	5/24/2017	SeqNo:	20297	
Analyte		Result	PQL	SPK value	SPK RefVal	%REC	LowLimit	HighLimit	RPD RefVal	%RPD	RPDLimit	Qual
Solids, Total Suspended (TSS)		92	2.5	100	0	92.0	54.51	130.49				

Sample ID	MBLK	SampType: MBLK	TestCode: TSS_W	Units: mg/L	Prep Date: 5/24/2017	RunNo: 825						
Client ID: PBW		Batch ID: W0523SS	TestNo: Solids		Analysis Date: 5/24/2017	SeqNo: 20296						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Solids, Total Suspended (TSS)		ND	2.5									

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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QC SUMMARY REPORT

WO#: 1705235
05-Jun-17

Client: Tahoe Donner Association
Project: Maintenance Yard

BatchID: W0531OG

Sample ID	MBLK	SampType: MBLK	TestCode: O&G_HEM_	Units: mg/L	Prep Date: 5/31/2017	RunNo: 867						
Client ID:	PBW	Batch ID: W0531OG	TestNo: E1664A		Analysis Date: 5/31/2017	SeqNo: 21282						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM		ND		5								

Sample ID	LCS	SampType: LCS	TestCode: O&G_HEM_	Units: mg/L	Prep Date: 5/31/2017	RunNo: 867						
Client ID:	LCSW	Batch ID: W0531OG	TestNo: E1664A		Analysis Date: 5/31/2017	SeqNo: 21283						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM		39	5	40	0	97.5	77.51	114.49				

Sample ID	1705300-01DMS	SampType: MS	TestCode: O&G_HEM_	Units: mg/L	Prep Date: 5/31/2017	RunNo: 867						
Client ID: BatchQC		Batch ID: W0531OG	TestNo: E1664A		Analysis Date: 5/31/2017	SeqNo: 21284						
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Oil & Grease, HEM		37.8	5	40	0	94.5	77.51	114.49				

Qualifiers: ND Not Detected at the Reporting Limit R RPD outside accepted recovery limits S Spike Recovery outside accepted recovery limit



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Definition Only

WO#: 1705235

Date:

Definitions:

ND = Not Detected

C = Reported concentration includes additional compounds uncharacteristic of common fuels and lubricants.

D = Reporting Limits were increased due to high concentrations of non-target analytes.

H = Reporting Limits were increased due to the hydrocarbons present in the sample.

J = The analyte was positively identified; the associated numerical value is the approximate concentration of the analyte in the sample.

K = DRO concentration may include contributions from lighter-end hydrocarbons (e.g. gasoline) that elute in the DRO range.

L = DRO concentration may include contributions from heavier-end hydrocarbons (e.g. motor oil) that elute in the DRO range.

M = Manual Integration used to determine area response.

O = Reporting Limits were increased due to sample foaming.

V = Reporting Limits were increased due to high concentrations of target analytes.

X = Reporting Limits were increased due to sample matrix interferences.

Z = DRO concentration may include contributions from lighter-end (e.g. gasoline) and heavier-end (e.g. motor oil) hydrocarbons that elute in the DRO range.

S50 = The analysis of the sample required a dilution such that the surrogate concentration was diluted below the laboratory acceptance criteria. The laboratory control sample was acceptable.

S51 = Surrogate recovery could not be determined due to the presence of co-eluting hydrocarbons.

S54 = Surrogate recovery was below laboratory acceptance limits.

S55 = Surrogate recovery was above laboratory acceptance limits.

Report CC's Sean Connors

CHAIN-OF-CUSTODY RECORD

CA

WorkOrder: TDA1705235
Report Due By: 06-Jun-17
EDD Required: NO

Alpha Analytical, Inc.
255 Glendale Ave, #21 Sparks, Nevada 89431
TEL: (775) 355-1044 FAX: (775) 355-0406

Report Attention: Sean Connors

Client:
Tahoe Donner Association
11509 Northwoods Blvd.
Truckee, CA 96161

TEL: (530) 362-0056
FAX:

ProjectNo: Maintenance Yard

Date Received: 22-May-17

Alpha Sample ID	Client Sample ID	Matrix	Collection Date	No. of Bottles			Requested Tests					Sample Remarks
				Alpha	Sub	TAT	OG_MEM_W	TPHE_W	TPHP_W	TSS_W	VOC_W	
TDA1705235-01	A discharge	AQ	5/22/2017 2:00 PM	6	0	10	C - X	A - TPHE_C	A - GAS-C	B - TSS	A - 8260_Cs	

Comments: No IDs, dates or times on bottles.

Signature	Print Name	Company	Date/Time
<i>K Murray</i>	K Murray	Alpha Analytical, Inc.	5/24/17 1525

Page 19 of 20

NOTE: Samples are discarded 60 days after sample receipt unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

Bottle Type: L-Liter V-Voa S-Soil Jar O-Orbo T-Tedlar B-Brass P-Plastic OT-Other



Tahoe Donner Association

Work Order

WO #: 14109 [contaminated snow melt] **Status: ACTIVE**

Entity Name : FACILITY / VEHICLE
MAINT

Budget : 54210
Assigned :

Created : 5/19/2017
Due :
Completed :

Priority : 2-Standard
Work Type : 0400 CLEANING

Asset ID: FACILITY / VEHICLE BUILD [14514 NORTHWOODS BLV

Unscheduled

Parent Asset :
Group : 160 FACILITY / VEHICLE
Category : STRUCTURES
Type : BUILDING
Status : ACTIVE

Service Code	Service Description	Service Items	Estimated Hours
--------------	---------------------	---------------	-----------------

Part #	Location	Parts	Unit ID	Unit Cost	Quantity	Total Cost
WATTLE [WATTLES 9" x 25]	WAREHOUSE []		EA	\$437.33	1.00	\$437.33

Contact Name	Equipment Used	Hours	Labor Rate	Labor Total
Zach Dillard		2.50	\$25.00	\$62.50
Jay Scott		2.00	\$25.00	\$50.00
Chris Lydon		2.00	\$25.00	\$50.00
Javier Mora		2.00	\$25.00	\$50.00
Javier Mora		2.00	\$25.00	\$50.00
Chris Lydon		3.00	\$25.00	\$75.00
ENRIQUE ESPINOZA		2.00	\$25.00	\$50.00
Jay Scott		2.00	\$25.00	\$50.00
Chris Lydon		2.00	\$25.00	\$50.00
Brett McClean		2.00	\$25.00	\$50.00
ENRIQUE ESPINOZA		2.50	\$25.00	\$62.50
Ignacio Ruiz		2.50	\$25.00	\$62.50
Jay Scott		2.50	\$25.00	\$62.50

Notes

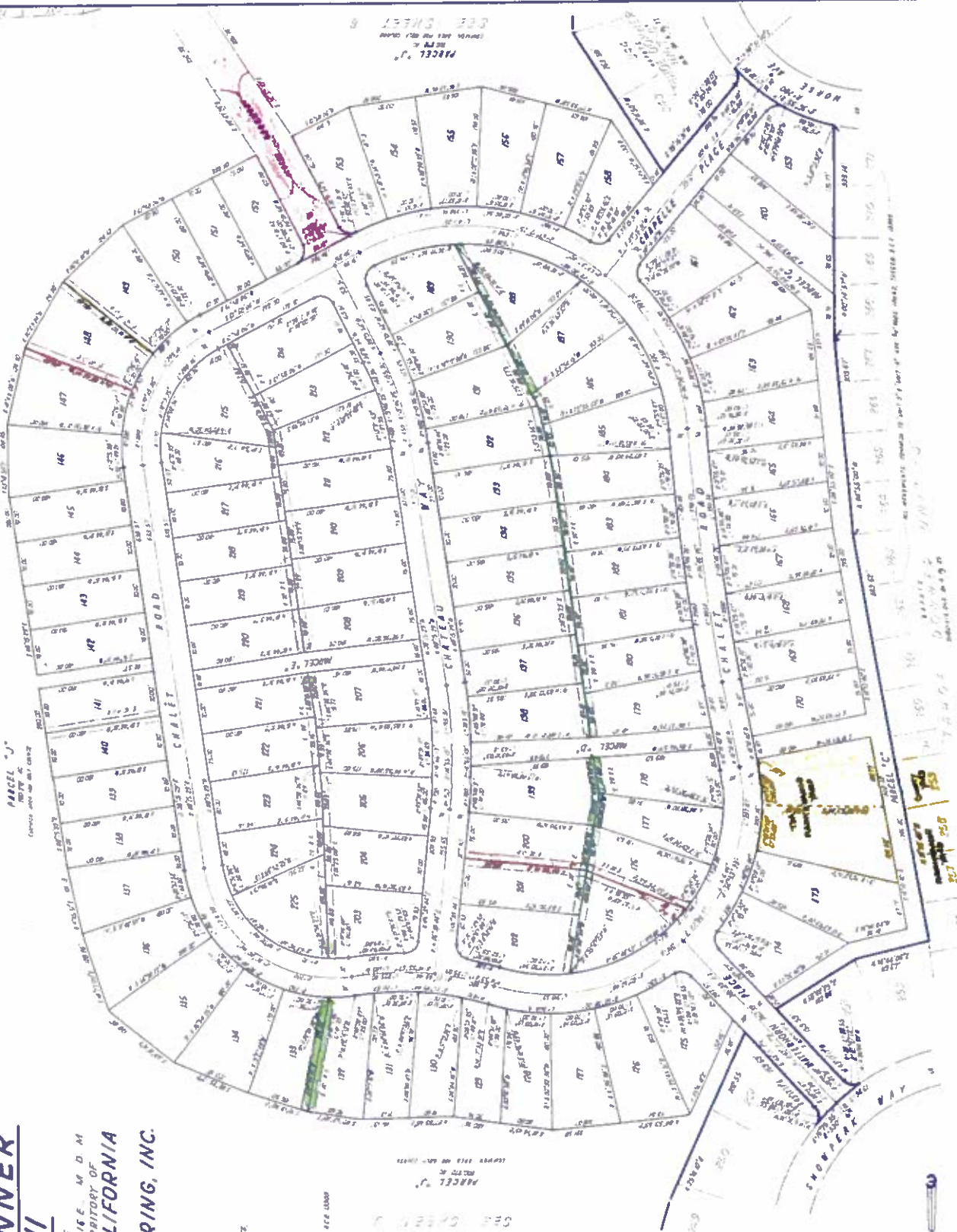
Note Type	Service Code	Note	Modified By	Note Date
PARTS / INVOICES		Ferguson 5382530 \$437.33 wattles	MAINT SUP	5/21/2017

Part Total :	\$437.33
Labor Total :	\$737.50
LOADER HR USE \$19.50 :	\$0.00
Grand Total :	\$1,174.83

TAHOE DONNER UNIT-II

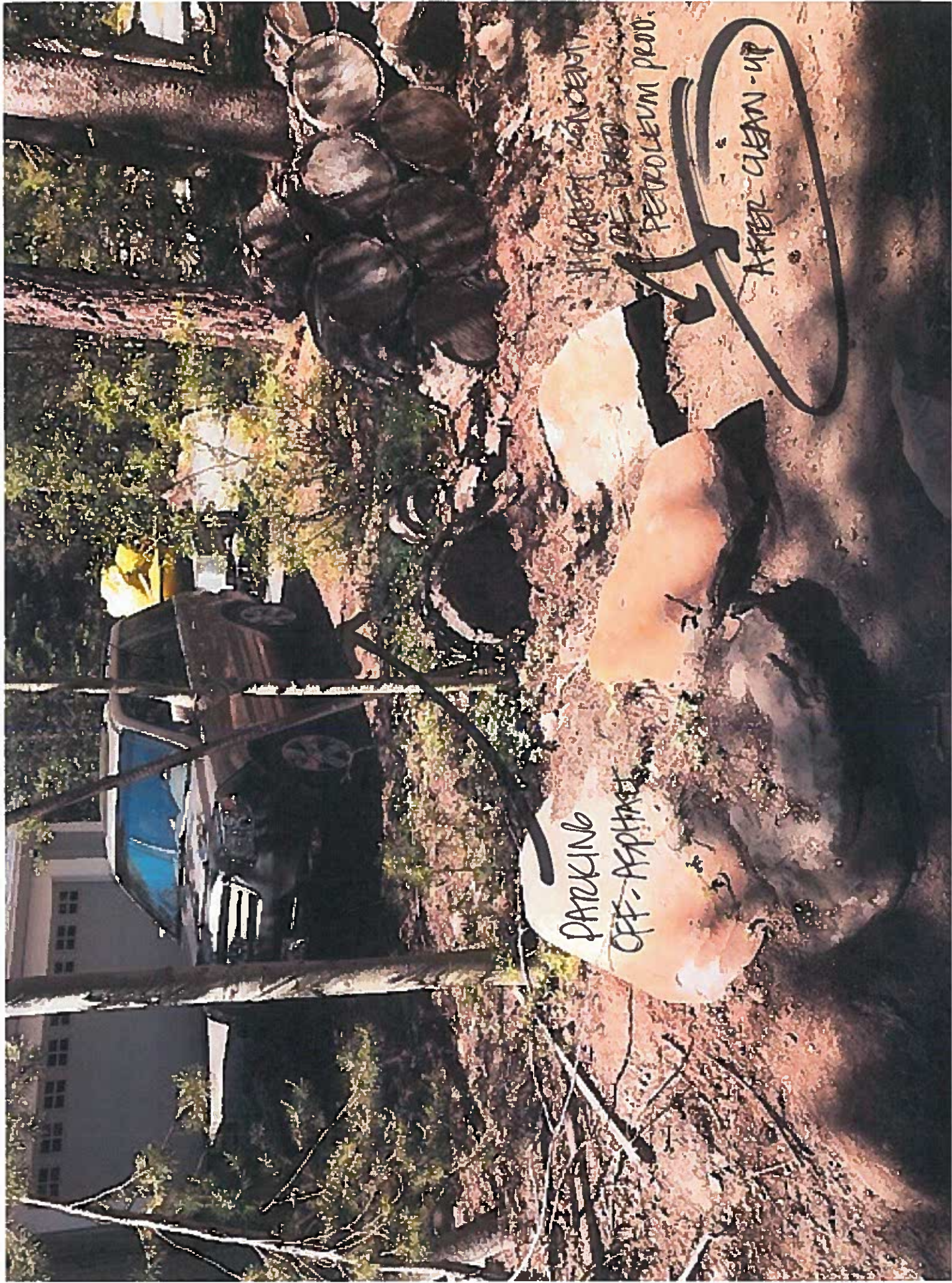
BEING A PORTION OF
SECTION 3, 6, 7, T17N, R10E, M.D.M.
IN THE UNINCORPORATED TERRITORY OF
NEVADA COUNTY, CALIFORNIA
SCALE 1"=100'
CRANMER ENGINEERING, INC.

- NOTES:
1. 100' RADIUS OF ALL INTERIOR ANGLES UNLESS NOTED.
 2. 100' RADIUS OF ALL EXTERIOR ANGLES UNLESS NOTED.
 3. BASES OF ALL CURVES AS SHOWN ON SHEET 1 OF 2 SHEETS.
 4. 100' RADIUS OF ALL CURVES AS SHOWN ON SHEET 1 OF 2 SHEETS.
 5. 100' RADIUS OF ALL CURVES AS SHOWN ON SHEET 1 OF 2 SHEETS.
 6. 100' RADIUS OF ALL CURVES AS SHOWN ON SHEET 1 OF 2 SHEETS.
 7. 100' RADIUS OF ALL CURVES AS SHOWN ON SHEET 1 OF 2 SHEETS.
 8. 100' RADIUS OF ALL CURVES AS SHOWN ON SHEET 1 OF 2 SHEETS.









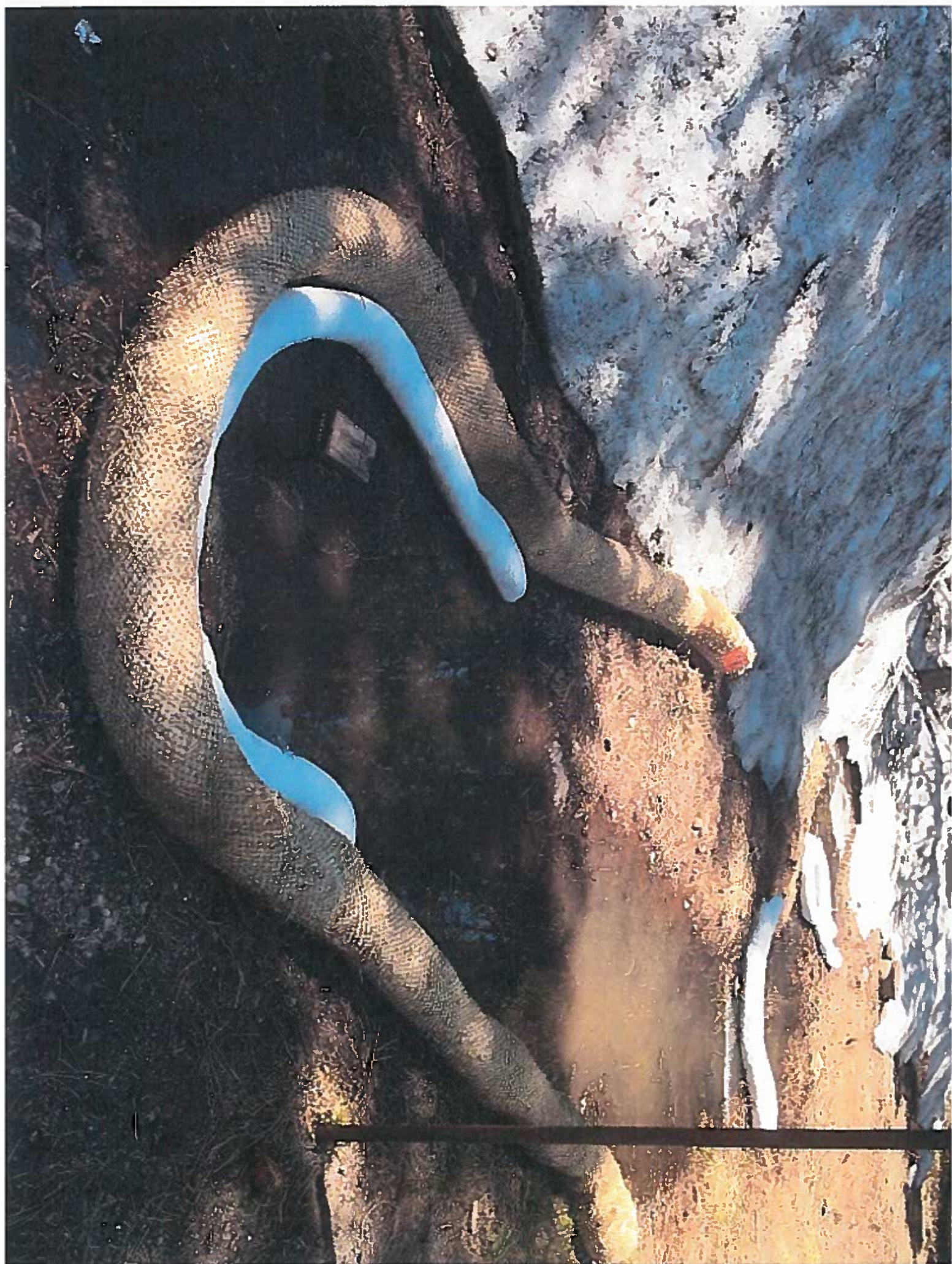
PARKING

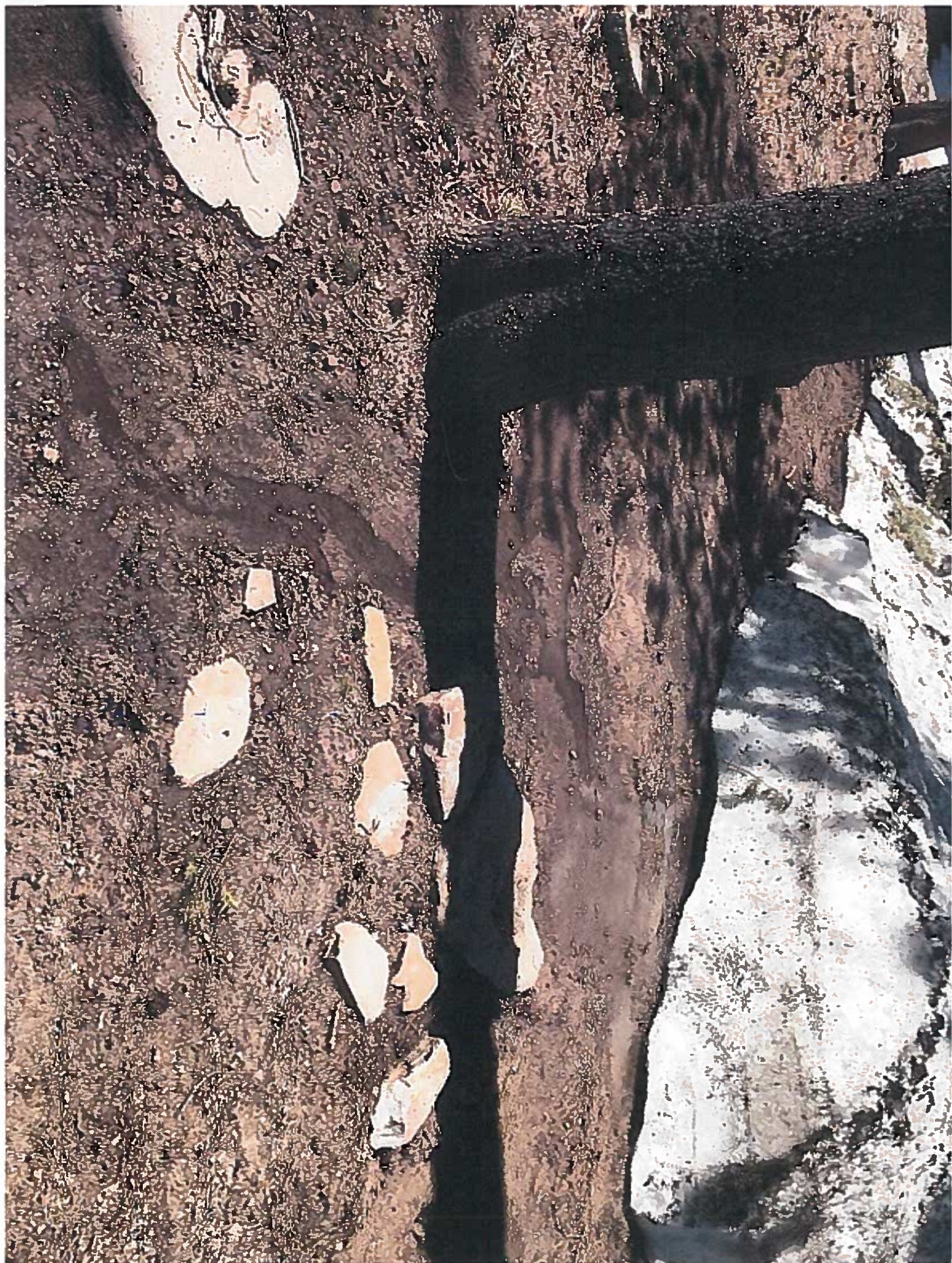
OFF-ASPHALT

WATER CONCENTRATED

AT BED OF PETROLEUM PROD.

AFTER CLEAN-UP









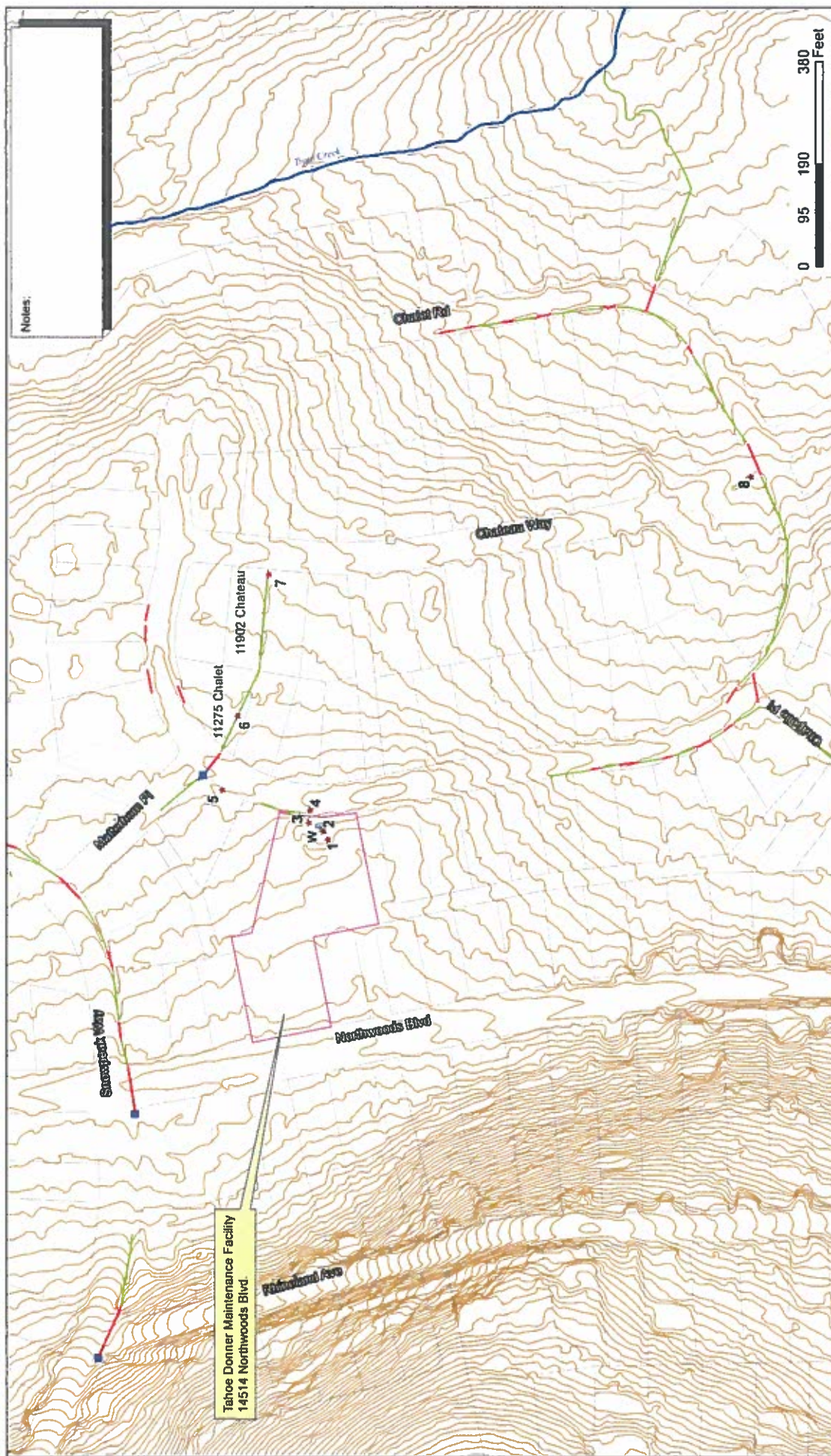
TAHOE DONNER UNIT-II

BEING A PORTION OF
SECTION 5, 6 & 7, T17N, R16E, M.D.M.
IN THE UNINCORPORATED TERRITORY OF
NEVADA COUNTY, CALIFORNIA
SCALE 1"=100'
CRANMER ENGINEERING, INC.

- NOTES:
1. ALL DIMENSIONS ARE LITERARY AND MEASURED
 2. DIMENSIONS OF ALL LOTS ARE CORRECTED TO 1/4" = 100'
 3. ALL DIMENSIONS ARE CORRECTED TO 1/4" = 100'
 4. ALL DIMENSIONS ARE CORRECTED TO 1/4" = 100'
 5. ALL DIMENSIONS ARE CORRECTED TO 1/4" = 100'
 6. ALL DIMENSIONS ARE CORRECTED TO 1/4" = 100'
 7. ALL DIMENSIONS ARE CORRECTED TO 1/4" = 100'
 8. ALL DIMENSIONS ARE CORRECTED TO 1/4" = 100'

- EXTENT OF PETROLEUM PRODUCTS FOUND AND CLEANED FROM SOIL
- PETROLEUM PRODUCTS FOUND IN DRAINAGE AND CLEANED FROM SOIL
- 20' PUBLIC BASEMENT
- 20' DRAINAGE BASEMENT
- SOURCE OF PETROLEUM PRODUCTS
- NO PETROLEUM PRODUCTS FOUND IN DRAINAGE OR STORM WATER RETENTION POND. (SHARED BETWEEN TOWN OF TAHOE AND TAHOE-DONNER MAINTENANCE DEPARTMENTS)

HOUSING PURIFIED OF
OF AS PHASE
PARKING PROHIBITION



Tahoe Donner
Illicit Discharge - June 2017



- Soil Sampling Locations (8)
- Water Sampling Locations (1)
- 2 ft Contour
- Ditch
- Culvert
- Drain
- Manhole