

DECISION PAPER



Date: July 20, 2017

Issue:

Emergency clean-up efforts were required to dispose of used motor oil within the Tahoe Donner Maintenance Facility and adjacent parking apron, located at 14514 Northwoods Blvd.

Background:

Heavy snow on the roof of Tahoe Donner Maintenance Facility led to the breakage of a roof vent during early hours of April 1, 2017, allowing water to drain inside and subsequently filling a holding tank of used motor oil, which overflowed onto the floor and out onto an adjacent parking apron, see attached photos. At 6:30am that same morning, Maintenance Staff found and began containing the exterior oil discharge with absorbent pads and rolls, successfully preventing the flow from reaching the adjacent drainage inlet that directly leads into a sand/oil separator. At 10am, Clean Harbors responded onsite with additional containment materials, and a waterproof seal was installed at the source. Following protocol, Nevada County Environmental Health Department was also contacted for the filing of an incident report. Upon the melting of snow from the adjacent storm water retention pond, TDA staff obtained water samples, where attached results show that no petroleum products reached the sand/oil separator or adjacent storm water retention pond. Lahontan Water Quality Board representative also tested the water as detailed in the attached map. Lahontan is aware that the sand/oil separator and storm water retention pond is shared between the Town of Truckee and Tahoe Donner Maintenance Facilities. Cleanup efforts were completed on April 3rd, 2017 by Clean Harbors, who then provided an invoice for their emergency cleanup efforts on July 12th 2017. Further testing and removal of contained material have been included in the total anticipated cleanup effort of \$29,233, with backup of all existing and future contingency expenses attached. A real property insurance claim will be processed due to the nature of the roof leak for associated cleanup efforts and related property damages.

Recommendation:

Staff recommends the Board of Directors approve payments to fulfill existing and future costs associated with emergency environmental cleanup to remove used motor oil from the Maintenance Facility, not to exceed \$29,233 for Hazardous Waste Clean Up in the Maintenance Department Operating Fund, and credited from insurance proceeds, if any.

Prepared By: Sean Connors

Reviewed By: Forrest Huisman

Reviewed By: Michael Salmon

Board Meeting Date: July 29, 2017

General Manager Approval to place on agenda :

Date: 7/20/17

TDA Emergency Cleanup Summary

7/20/2017

Used motor oil cleanup at Maintenance Facility

Clean Harbors, Invoice 1001812992	\$ 16,575
Existing Sub-Total	\$ 16,575
Clean Harbors removal of contaminated waste and testing	\$ 10,000
Potential Project Total	\$ 26,575
Contingency (10%)	\$ 2,658
Decision Paper 7/29/2017	\$ 29,233

PREMISES INCIDENT REPORT FORM

RESORT Tahoe Donner Association INCIDENT DATE 4/1/17 TIME OF INCIDENT 7:00 ☒ AM ☐ PM

LOCATION	BUILDING OR AREA <u>Vehicle Maintenance Facility</u> EXACT LOCATION <u>Oil Storage Room</u>					
INJURED PERSON	NAME _____ <input type="checkbox"/> MALE <input type="checkbox"/> FEMALE ADDRESS _____ DOB _____ AGE _____ CITY _____ STATE _____ ZIP _____ WEIGHT _____ HEIGHT _____ PHONE (H) _____ CELL _____ PARENT/GROUP LEADER (if applicable) _____					
INCIDENT DETAILS	INJURED WAS COMING FROM <u>See attached additional comments</u> INJURED WAS GOING TO _____ DESCRIBE SURFACE CONDITIONS <u>Dry</u> LIGHTING AT INCIDENT SITE (natural and/or artificial) <u>Good</u> DID INJURED USE HANDRAILS? (if applicable) <input type="checkbox"/> YES <input type="checkbox"/> NO TYPE OF FOOTWEAR WORN _____ TYPE/CONDITION OF SOLES _____ TYPE OF EYEWEAR WORN (if applicable) _____ IF SKI BOOTS WERE WORN, WERE THEY BUCKLED? <input type="checkbox"/> YES <input type="checkbox"/> NO WAS INJURED CARRYING ANYTHING IN THEIR HANDS? <input type="checkbox"/> YES <input type="checkbox"/> NO IF SO, WHAT? _____					
INJURED'S DESCRIPTION OF INCIDENT (IN THEIR OWN WORDS)	_____ _____ SIGNATURE _____ PARENT/GUARDIAN SIGNATURE _____					
CONDITIONS	WEATHER CONDITIONS <u>Dry and Sunshine</u> TEMPERATURE <u>50</u> PHOTOS TAKEN? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO BY WHOM? <u>Sean Connors</u>					
PROBABLE INJURY	<input type="checkbox"/> FRACTURE <input type="checkbox"/> PUNCTURE/LACERATION <input type="checkbox"/> ABRASION <input type="checkbox"/> DISLOCATION <input type="checkbox"/> MULTIPLE <input type="checkbox"/> SPRAIN/STRAIN <input type="checkbox"/> BRUISE/CONTUSION <input type="checkbox"/> CONCUSSION <input type="checkbox"/> FROSTBITE <input type="checkbox"/> OTHER _____					
INJURY ZONE	<input type="checkbox"/> LEFT <input type="checkbox"/> RIGHT <input type="checkbox"/> BOTH <input type="checkbox"/> MULTIPLE	<input type="checkbox"/> HEAD <input type="checkbox"/> FACE <input type="checkbox"/> EYE <input type="checkbox"/> NOSE <input type="checkbox"/> MOUTH	<input type="checkbox"/> TEETH <input type="checkbox"/> NECK <input type="checkbox"/> SHOULDER <input type="checkbox"/> ARM <input type="checkbox"/> WRIST	<input type="checkbox"/> HAND <input type="checkbox"/> THUMB <input type="checkbox"/> CHEST <input type="checkbox"/> BACK <input type="checkbox"/> ABDOMEN	<input type="checkbox"/> HIP <input type="checkbox"/> UPPER LEG <input type="checkbox"/> KNEE <input type="checkbox"/> LOWER LEG <input type="checkbox"/> ANKLE	<input type="checkbox"/> FOOT <input type="checkbox"/> OTHER _____
FIRST AID	WAS FIRST AID RENDERED AT SCENE? <input type="checkbox"/> YES <input type="checkbox"/> NO BY WHOM? _____ FIRST AID RENDERED _____					
WITNESSES	NAME _____ PHONE _____ ADDRESS _____ CITY _____ STATE _____ ZIP _____ NAME _____ PHONE _____ ADDRESS _____ CITY _____ STATE _____ ZIP _____					

SIGNATURE OF INDIVIDUAL COMPLETING FORM  DATE 4/4/17
 PRINT NAME Sean Connors

TDA Loss Prevention Incident Report # 3672

To: File

Date: 4/3/17

From: Ron Neibert
Loss Prevention Manager

☐ Response Requested
☒ Information Only

Please Review the incident described below and prepare a response in the space provided, if required. The response must be returned to the Loss Prevention Manager within five days of the listed date.

Incident Date: 4/1/17

Time: 0630

Location: General Maintenance.

Activity Involved: Oil spill.

Witness (if any): See attached report.

Vehicle or Equipment Involved: N/

Describe Incident in Detail:

See attached incident report.

I hereby verify that the foregoing is true and correct.

Loss Prevention Officer Signature:  _____

4-1-2017

6:30 am

Walk into north entrance at vehicle maintenance building, dis armed building.

Found myself standing in 2 inches of oil that was rolling out from under the oil supply room door.

Water was coming from the ceiling falling into the oil barrels, making the oil spill out onto the floor.

I placed oil absorbent rag down as fast as I could and made a dam with sand to prevent any of the spill reaching the storm drains.

I call Sean Conner and informed him of the spill.

We then went on the roof and repaired the leak.

Ron Warren

A handwritten signature in black ink that reads "Ron Warren". The signature is stylized with a large, looped "R" and a long, sweeping horizontal stroke at the end.

Incident Report – Additional Information

Date 4/1/17

Location: Maintenance Facility

At 7:03am I received a call from Ron Warren indicating that there is oil discharging from the oil room into the vehicle maintenance shop and exterior of the building. I arrived on site around 7:20am to find staff containing the exterior discharge. At that time, I help contain the oil and determined that there was a roof leak leaking into the used oil containers in the oil storage room. I contacted Annie Rosenfeld via phone and left a voice mail for Forrest Huisman on his phone. I then contacted Clean Harbors to have them send an emergency response team to clean up the discharge. Staff cleared snow in the area of the general leak, finding an old pipe that was bent over from the snow breaking the waterproof seal around the pipe. Staff repaired the area around the pipe to stop the water leak. Around 10am Clean Harbors showed up with their emergency response team to start clean up. I reported the incident to the Nevada County Environmental Health Department.

Sean Connors

Facility and Vehicle Maintenance Manager

WITNESS STATEMENT

RESORT Tahoe Donner INCIDENT DATE 04/01/2017 INCIDENT # _____

NAME OF INJURED PERSON N/A

YOUR INFORMATION	NAME <u>Ron Warren</u>	AGE _____
	ADDRESS <u>PO Box 417</u> <u>Verdi</u>	NV <u>89439</u>
	<small>Street or P.O. Box</small>	<small>City State Zip</small>
	LOCAL ADDRESS (if staying in area) _____	
	HOME PHONE <u>(775) 303-2685</u> CELL PHONE _____ SKIER / RIDER ABILITY _____	
ARE YOU ACQUAINTED WITH INJURED PARTY? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		
YOUR DESCRIPTION OF SCENE	SPECIFIC LOCATION OF INCIDENT <u>oil room</u>	
	YOUR LOCATION AT TIME OF INCIDENT <u>oil room / Vehicle Maintenance</u>	
	DESCRIBE THE SCENE OF THE INCIDENT (i.e. snow conditions, weather, people involved, actions of injured party, etc.) <u>clear morning, opened door to building to find oil and water running out of oil storage room.</u>	
YOUR OBSERVATIONS	DESCRIBE WHAT HAPPENED AND/OR WHAT YOU SAW <u>Water coming in from the ceiling landing on the used oil barrel spilling oil onto the floor.</u>	
	DESCRIBE IN DETAIL YOUR ACTIONS BEFORE, DURING AND AFTER THE INCIDENT <u>I grabbed oil absorbent rags and begone to spread them over the spill, created a dam with sand to prevent oil reaching the drains.</u>	
	ADDITIONAL COMMENTS <u>Clean Harbor was called in to clean-up oil spill.</u>	

WITNESS SIGNATURE Ron Warren DATE 04/01/2017

PRINT NAME Ron Warren

3612

PREMISES INCIDENT REPORT FORM

RESORT Tahoe Donner INCIDENT DATE 4-1-2017 TIME OF INCIDENT 6:30 ☒ AM ☐ PM

LOCATION	BUILDING OR AREA <u>Vehicle Maintenance</u> EXACT LOCATION <u>oil storage room</u>	
INJURED PERSON	NAME <u>N/A</u> <input type="checkbox"/> MALE <input type="checkbox"/> FEMALE ADDRESS _____ DOB _____ AGE _____ CITY _____ STATE _____ ZIP _____ WEIGHT _____ HEIGHT _____ PHONE (H) _____ CELL _____ PARENT/GROUP LEADER (if applicable) _____	
INCIDENT DETAILS	INJURED WAS COMING FROM _____ INJURED WAS GOING TO _____ DESCRIBE SURFACE CONDITIONS _____ LIGHTING AT INCIDENT SITE (natural and/or artificial) _____ DID INJURED USE HANDRAILS? (if applicable) <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO TYPE OF FOOTWEAR WORN <u>A</u> TYPE/CONDITION OF SOLES _____ TYPE OF EYEWEAR WORN (if applicable) _____ IF SKI BOOTS WERE WORN, WERE THEY BUCKLED? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO WAS INJURED CARRYING ANYTHING IN THEIR HANDS? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF SO, WHAT? _____	
INJURED'S DESCRIPTION OF INCIDENT (IN THEIR OWN WORDS)	SIGNATURE _____ PARENT/GUARDIAN SIGNATURE _____	
CONDITIONS	WEATHER CONDITIONS <u>Clear</u> TEMPERATURE <u>35</u> PHOTOS TAKEN? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO BY WHOM? _____	
PROBABLE INJURY	<input type="checkbox"/> FRACTURE <input type="checkbox"/> PUNCTURE/LACERATION <input type="checkbox"/> ABRASION <input type="checkbox"/> DISLOCATION <input type="checkbox"/> MULTIPLE <input type="checkbox"/> SPRAIN/STRAIN <input type="checkbox"/> BRUISE/CONUSION <input checked="" type="checkbox"/> CONCUSSION <input type="checkbox"/> FROSTBITE <input type="checkbox"/> OTHER _____	
INJURY ZONE	<input type="checkbox"/> LEFT <input type="checkbox"/> HEAD <input type="checkbox"/> TEETH <input type="checkbox"/> HAND <input type="checkbox"/> HIP <input type="checkbox"/> FOOT <input type="checkbox"/> RIGHT <input type="checkbox"/> FACE <input type="checkbox"/> NECK <input type="checkbox"/> THUMB <input type="checkbox"/> UPPER LEG <input type="checkbox"/> OTHER <input type="checkbox"/> BOTH <input type="checkbox"/> EYE <input checked="" type="checkbox"/> SHOULDER <input type="checkbox"/> CHEST <input type="checkbox"/> KNEE <input type="checkbox"/> MULTIPLE <input type="checkbox"/> NOSE <input type="checkbox"/> ARM <input type="checkbox"/> BACK <input type="checkbox"/> LOWER LEG <input type="checkbox"/> MOUTH <input checked="" type="checkbox"/> WRIST <input type="checkbox"/> ABDOMEN <input type="checkbox"/> ANKLE	
FIRST AID	WAS FIRST AID RENDERED AT SCENE? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO BY WHOM? _____ FIRST AID RENDERED <u>N/A</u>	
WITNESSES	NAME <u>Ron Warren</u> PHONE <u>775 303-2685</u> ADDRESS <u>2118 Stoneridge Dr</u> CITY <u>Verdi</u> STATE <u>NV</u> ZIP <u>89439</u> NAME _____ PHONE _____ ADDRESS _____ CITY _____ STATE _____ ZIP _____	

SIGNATURE OF INDIVIDUAL COMPLETING FORM

DATE 4-1-17PRINT NAME Ron Warren



Site Services Multi-Task Worksheet

1074522

Day & Date: SATURDAY 4-1-2017
Sales Order #:

Job Complete: Yes / No (Circle One)

Job Description/Comments: Load GEAR @ Shop // Mob to Site // Setup onsite // Clean up Spilled OIL via Absorbent pads & bags // Pressure WASH All Contaminated AREAS // VAC UP All 110yd // Wash out 700000 lbs of debris // Drum up All WASTE // Demob // Onsite 1045 →

Customer: TAMHE DOWNER "HOA" PO # / COD Amount
Billing Address: Per Diem: Yes / No (Circle One) If yes, how many?
Change Order Initiated: Yes / No (Circle One)

Contact: JOAN PENNEAS
Job Location: 14514 NORTHWOODS BLVD
Truckee, CA 96161

Component Type			Task # / Description			Task # / Description			Task # / Description		
Labor			Task Complete: Yes / No (Circle One)			Task Complete: Yes / No (Circle One)			Task Complete: Yes / No (Circle One)		
Name	Title	ID #	ST	OT	DT	ST	OT	DT	ST	OT	DT
<u>Steve Jiffen</u>	<u>FSR</u>	<u>027886</u>	<u>10</u>								
<u>NAS Munkala</u>	<u>FT</u>	<u>071603</u>	<u>9</u>								
<u>Robert Hink</u>	<u>FT</u>	<u>079786</u>	<u>9</u>								
<u>CHRIS MILLS</u>	<u>E/O</u>	<u>090715</u>	<u>9</u>								

Disposal	Write Description/Destination	Manifest #	Amount	Manifest #	Amount	Manifest #	Amount
LIQUID: Bulk / Drum							
SOLID: Bulk / Drum							
Equipment Type		Quantity	Fleet #	# of Hr/Day	Quantity	Fleet #	# of Hr/Day
Pickup / Van / Car / Crew Cab (Circle One)		<u>01</u>	<u>8557</u>	<u>DAY</u>			
Vacuum Trailer							
Tractor							
Vacuum Truck, Straight		<u>01</u>	<u>4080</u>	<u>DAY</u>			
Box Truck							
Cusco / Guzzler / Vector (Circle One)							
Air Compressor, 175 CFM							
Backhoe Loader, 1 Yd bucket							
Bobcat Loader - Mini Excavator							
Rack Truck							
Rolloff Truck, Straight							
Pressure Washer (PSI: <u>3.5K</u>) Hot / Cold (Circle One)		<u>01</u>	<u>5506</u>	<u>DAY</u>			
Meter Type:							
<u>ER Trailer</u>		<u>01</u>	<u>RPT20</u>	<u>DAY</u>			

Equipment Type	Quantity	Size	Quantity	Size	Quantity	Size
Drum Type: <u>DRUM/mem/55 G / open top</u>	<u>11</u>	<u>55G</u>				
Drum Type:						
Rope Type:						
Degreaser Type:	<u>01</u>	<u>GALLON</u>				
Speedi Dry						
Polycoated Rain Gear, 22mil						
Poly Sheet, 6mil, 20ft x 100ft						
Poly Bag, 6mil, per roll						
Absorbent Pad (101 Grade) 100/bale	<u>03</u>	<u>12' X 18"</u>				
Absorbent Boom Each <u>Box of 12</u>	<u>6</u>	<u>3' X 48"</u>				
Absorbent Boom Bale						
Duct Tape/Roll						
Safety Plan						
Rolloff Poly Liner						
5 Gal / 20 Litre Poly Drum 1H2	<u>10</u>	<u>25</u>				
<u>Boys 4 Absorbent</u>		<u>165</u>				
Container Management		Size	Fleet #	Size	Fleet #	Size
Rolloff / Intermodal / Frac Tank / Tanker (circle one)						
Rolloff / Intermodal / Frac Tank / Tanker (circle one)						
PPE Sets	Task 1	Task 2	Task 3	Type	Qty	Type

1074521

- ## **EMERGENCY RESPONSE AGREEMENT**

- Standby of personnel and equipment in anticipation of imminent activation;
 - Training and mock spill drill deployments.
2. CONTRACTOR shall provide supervision, labor, materials, tools, equipment and subcontracted items for the performance of the Services.

CONTRACTOR shall take necessary precautions for the safety of its employees, and shall comply with applicable provisions of the Occupational Safety and Health Act. It is understood and agreed, however, that CONTRACTOR shall not be responsible for the elimination or abatement of safety hazards created by or otherwise resulting from work being performed by CUSTOMER's employees, its other contractors or agents. CONTRACTOR represents that it holds the permits and licenses required for the performance of the Services.

3. CUSTOMER shall provide full and complete information regarding its requirements for the Services. CUSTOMER shall provide full and complete information regarding the site, surface and subsurface conditions, utility locations, site ownership, contractor access, hazardous materials or wastes and other substances or hazards likely to be present and any other reports, documentation or information concerning the site or Scope of Work which may reasonably be provided to CONTRACTOR. CUSTOMER represents and warrants to CONTRACTOR that CUSTOMER has the requisite legal right, title, and interest necessary to provide access to the job site. In the event subsurface or latent conditions at the work site materially differ from those indicated in the contract documents or if the latent or subsurface physical conditions are of an unusual nature not ordinarily found to exist in environmental service activities identified in the contract documents, the CONTRACTOR shall be entitled to an equitable adjustment of the Contract price and time.

CUSTOMER shall designate a representative who shall be fully acquainted with the Services to be provided hereunder and who shall be authorized to approve changes in the Services; render decisions promptly; authorize commitments and expenditures on behalf of CUSTOMER; approve CONTRACTOR's daily worksheets and to accept, verify and approve CONTRACTOR's invoices.

CUSTOMER shall be responsible for repairs to all private property, roadways, structures and rights-of-way resulting from CONTRACTOR's reasonable use thereof.

CUSTOMER represents and warrants that it shall provide payment to CONTRACTOR for the services provided by CONTRACTOR as set forth in Article 5, and shall demonstrate to CONTRACTOR's satisfaction prior to the commencement of the Services, and at such other times as CONTRACTOR may require, that sufficient funds are available and committed by CUSTOMER for the entire cost of the Services. Unless such financial assurances are provided by CUSTOMER, CUSTOMER agrees that CONTRACTOR shall not be required to commence or continue any Service and may immediately stop work.

The failure of CONTRACTOR to insist upon the provisions of this paragraph at any one time shall not constitute a waiver of CUSTOMER's obligation to make payments pursuant to this Agreement nor shall it constitute a waiver of CONTRACTOR's right to request that evidence of sufficient funds be provided by CUSTOMER at a later date.

CUSTOMER shall communicate to CONTRACTOR all special hazards or risks known to the CUSTOMER which are related to the performance of the Services pursuant to this Agreement.

4. The payment terms set forth herein are contingent upon the approval of CONTRACTOR's Credit Department. In the event of a change in CUSTOMER's financial condition, CONTRACTOR reserves the right to alter, change, or modify payment terms, and to immediately stop work. The failure of CONTRACTOR to exercise its rights under this article at any time shall not constitute a waiver of CONTRACTOR's continuing right to do so.

CUSTOMER agrees to pay CONTRACTOR in accordance with CONTRACTOR's published Rate Schedule for emergency response work ("Rates") for response or standby activities, including mobilization/demobilization of resources. CUSTOMER's obligation to pay the amount due pursuant to this Agreement shall not be conditioned upon or limited by the types, amounts or availability of insurance coverage.

CONTRACTOR will present its first invoice to CUSTOMER as soon as possible following commencement of the Services provided hereunder, and may issue subsequent invoices every five (5) days thereafter. CUSTOMER agrees to pay the full amount of each invoice amount within five (5) business days of the date of receipt of said invoice by CUSTOMER.

CUSTOMER agrees that interest shall accrue and will be paid to CONTRACTOR on any unpaid balance of any invoice after five (5) calendar days of receipt of invoice by CUSTOMER at the rate of one and one half percent (1.5%) per month or the maximum amount allowed by law.

In the event that legal or other action is required to collect unpaid balances of invoices due CONTRACTOR, CUSTOMER agrees to pay all costs of collection, litigation or settlement incurred by CONTRACTOR, including reasonable attorneys' fees. "Legal or other action" as used above shall include bankruptcy and insolvency proceedings. In the event that work is suspended or terminated for any reason prior to the completion of the services, CUSTOMER agrees to pay for labor, equipment, materials, disposal and other costs incurred by CONTRACTOR at the Rates and for reasonable demobilization costs.

CUSTOMER agrees to pay CONTRACTOR in accordance with the Rates for any litigation support or testimony provided by CONTRACTOR in connection with, or arising out of, the work performed by CONTRACTOR hereunder.

5. CUSTOMER agrees to pay CONTRACTOR at the Rates for any costs incurred or delays resulting from CONTRACTOR's response to any emergency condition which threatens safety of persons or property during the performance of the Services.

If any change occurs during the term of this Agreement with respect to any laws, rules, regulations or ordinances which affects the rights or obligations of CUSTOMER or CONTRACTOR under this Agreement, or the applicability of any taxes or fees, or the cost of handling waste materials, CUSTOMER and CONTRACTOR shall negotiate in good faith to bring this Agreement into conformance with such change or changes. In the event that such agreement cannot be reached, CUSTOMER or CONTRACTOR shall have the right to terminate this Agreement immediately upon written notice to the other party.

6. CONTRACTOR shall keep in effect during the term of this Agreement the following insurance coverages:

COVERAGE	LIMITS
a. Worker's Compensation	Statutory
b. Employer's Liability	\$2,000,000
c. General Commercial Liability	\$2 million per occurrence \$4 million aggregate
d. Automobile	\$5 million combined single limit
e. Contractors Pollution Liability	\$10 million each Claim \$10 million all Claims

CONTRACTOR shall provide CUSTOMER with a certificate of insurance upon written request.

7. CUSTOMER shall indemnify, defend and hold harmless CONTRACTOR, its parent and affiliated companies and their respective directors, officers, employees and agents from and against any and all costs, liabilities, claims, demands and causes of action including, without limitation, any bodily injury to or death of any person or destruction of or damage to property which CONTRACTOR may suffer, incur, or pay out, to the extent such are caused by the negligence or willful misconduct of CUSTOMER, its employees or agents or the failure of CUSTOMER to comply with any laws, regulations or other lawful authority or the failure of CUSTOMER to comply with its duties or obligations under this Agreement; except to the extent such liabilities, claims, demands and causes of action result from CONTRACTOR's failure to comply with any laws, regulations or lawful authority, or CONTRACTOR's failure to comply with its obligations under this Agreement or result from the negligence or willful misconduct of CONTRACTOR, its employees or agents.

Notwithstanding the foregoing, CUSTOMER shall indemnify, defend and hold harmless CONTRACTOR, its parent and affiliated companies and their respective directors, officers, employees, agents and subcontractors from and against any and all costs, liabilities, claims, demands and causes of action for pollution damages; contamination or

adverse effects on the environment; destruction of, damage to, or loss of, whether actual or alleged, any property or natural resources, including the cost of assessing the damage; injury to or economic losses resulting from destruction of real or personal property; damages for loss of subsistence use of natural resources; damages equal to the loss of profits or impairment of earning capacity due to the injury, destruction or loss of real property, personal property or natural resources; damages for net costs of providing increased or additional public services; removal costs; and any other costs assessable under the Oil Pollution Act of 1990, the Comprehensive Environmental Response, Compensation and Liability Act or other local, state or Federal law or lawful authority applicable to discharges or releases of oil or hazardous substances which CONTRACTOR, individually or collectively, may suffer, incur, or pay out in connection with, or arising out of the release of oil or hazardous substances by CUSTOMER; provided, however, that the foregoing indemnity shall not apply to any claims, liabilities or causes of action caused by the transportation or disposal of waste materials by CONTRACTOR.

CUSTOMER agrees that CONTRACTOR shall not be responsible for pre-existing contamination at the job location, natural resource damage, or for indirect, incidental, consequential or special damages, including loss of use or lost profits, resulting from or arising out of the performance of the Scope of Work by CONTRACTOR, its employees, agents and/or subcontractors.

8. The performance of this Agreement, except for the payment of money for Services already rendered, may be suspended by either party in the event performance of this Agreement is prevented by a cause or causes beyond the reasonable control of such party. Such causes shall include but not be limited to: acts of God, acts of war, riot, fire, explosion, accidents, inclement weather, or sabotage; lack of adequate fuel, power, raw materials, labor or transportation facilities; changes in government laws, regulations, orders, or defense requirements; restraining orders, labor disputes, strike, lock-out or injunction (provided that neither party shall be required to settle a labor dispute against its own best judgment). The party which is prevented from performing by a cause beyond its reasonable control shall use its best efforts to eliminate such cause or event.
9. This Agreement may be terminated by either party upon forty-eight (48) hours prior notice to the other party.
10. Any notice to be given under this Agreement shall be in writing and delivered to the address listed below:

Customer:

Contractor: Clean Harbors Environmental Services, Inc.
42 Longwater Drive,
P.O. Box 9149
Norwell, MA 02061-9149
Attn: General Counsel (Urgent Contract Matter)

11. Waiver - Any waiver by either party of any provision or condition of this Agreement shall not be construed or deemed to be a waiver of any other provision or condition of this Agreement, nor a waiver of a subsequent breach of the same provision or condition.

Severability - If any section, subsection, sentence or clause of this Agreement shall be deemed to be illegal, invalid or unenforceable for any reason, such illegality, invalidity or unenforceability shall not affect the legality, validity or enforceability of this Agreement or other sections of this Agreement.

Entire Agreement - This Agreement and Exhibits to this Agreement represent the entire understanding and agreement between CUSTOMER and CONTRACTOR and supersedes any and all prior agreements, whether written or oral, that may exist between the parties regarding same. Modifications to this Agreement shall be effective only if in writing and signed by the CUSTOMER and CONTRACTOR. Additional, conflicting or different terms on any Purchase Order or other preprinted document issued by CUSTOMER shall be void and are hereby expressly rejected by CONTRACTOR.

Survival - The provisions contained in Article 2, 3, 4, 7 and 11 shall survive and remain in effect following the termination of this Agreement.

Applicable Law - This Agreement shall be interpreted and enforced according to the Laws of the Commonwealth of Massachusetts and the parties agree to submit to the jurisdiction of the courts of the Commonwealth of Massachusetts for any disputes arising under this Agreement.

CUSTOMER'S AUTHORIZED
REPRESENTATIVE OR AGENT

Signature

Sean Connors

Print Name

4/1/17

Date

CLEAN HARBORS ENVIRONMENTAL
SERVICES, INC. (CONTRACTOR)

Signature

Print Name

Date



Regional Rate Sheet

Region: US NORTHWEST

Rate Category Type: Emergency Response Rates

Currency Code: USD

Description	UOM	Price (USD)
FIELD PERSONNEL		
Field Technician	HR	\$61.00
Equipment Operator	HR	\$78.00
Foreman	HR	\$78.00
Chemist	HR	\$99.00
Supervisor	HR	\$106.00
Lead Chemist	HR	\$126.00
Project Manager	HR	\$130.00
Site Safety Officer	HR	\$146.00
TECHNICAL PERSONNEL		
Field Inspector	HR	\$84.00
Mechanic	HR	\$103.00
Welder	HR	\$103.00
Field Engineer/Scientist/Geologist	HR	\$110.00
Senior Engineer/Scientist/Geologist	HR	\$124.00
Professional Engineer/LSP	HR	\$130.00
ADMINISTRATIVE/MANAGERIAL PERSONNEL		
On Site Administration	HR	\$71.00
Emergency Response Coordinator	HR	\$135.00
General Manager	HR	\$175.00
PER DIEM / SUBSISTENCE		
Per Diem / Subsistence	DAY	\$211.00
HEAVY DUTY TRUCKS		
Box Truck	HR	\$70.00
Dump Truck, 10 Wheel	HR	\$85.00
High Powered Vacuum Truck/Cusco	HR	\$161.00

"Confidential | Proprietary Business Information - Do Not Disclose To Any Third-Party Without Written Consent of Clean Harbors."

Executed on: 4/1/2017 11:28:54 AM

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Customer Initials SAC



Regional Rate Sheet

Description	UOM	Price (USD)
Rolloff Straightjob	HR	\$84.00
Rolloff Two Can Trailer	HR	\$87.00
Skid Mounted Vacuum System	HR	\$70.00
Tractor Only, No Trailer	HR	\$65.00
Tractor w/Box Van	HR	\$84.00
Tractor w/Dump Trailer	HR	\$91.00
Tractor w/Flatbed/Lowbed Trailer	HR	\$87.00
Tractor w/Liquid Transporter	HR	\$100.00
Tractor w/Rolloff Trailer	HR	\$87.00
Tractor w/Vacuum Trailer	HR	\$106.00
Vactor with Jet Rodder	HR	\$161.00
Vacuum Truck, Straight	HR	\$87.00
Wet/Dry High Powered Vacuum Truck/Guzzler	HR	\$161.00
HYDRO EXCAVATION SERVICES		
Hydrovac - Single Drive with Operator & Helper	HR	\$271.00
Hydrovac - Tandem Drive with Operator & Helper	HR	\$300.00
Hydrovac - Tri-Drive with Operator & Helper	HR	\$300.00
Working Boiler / Heating Charge	HR	\$65.00
LIGHT DUTY TRUCK/RESPONSE EQUIPMENT		
Emergency Response Van	HR	\$87.00
Pickup/Van/Car/Crew Cab	HR	\$22.00
Spill Trailer	DAY	\$295.00
Stake Body/Utility Truck	HR	\$38.00
Utility / Support Trailer	DAY	\$201.00
PRESSURE WASHING EQUIPMENT		
1000psi Pressure Washer	DAY	\$103.00
2000psi Pressure Washer	DAY	\$112.00
2500psi Hot Water Pressure Washer	DAY	\$351.00
2500psi Pressure Washer	DAY	\$122.00
3000psi Hot Water Pressure Washer	DAY	\$387.00
High Pressure Blaster - 10,000 PSI 300 HP (50 GPM)	HR	\$73.00

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Regional Rate Sheet

Description	UOM	Price (USD)
High Pressure Blaster - 20,000 PSI 300 HP (10 GPM)	HR	\$144.00
High Pressure Blaster - 40,000 PSI 200 HP (6 GPM)	HR	\$170.00
High Pressure Blaster - 40,000 PSI 300 HP (10 GPM)	HR	\$170.00
Nozzle - 2D Automated	HR	\$67.00
Nozzle - 3D Automated	HR	\$88.00
PUMPING/TRANSFERRING PUMPS		
Drum Loader	DAY	\$177.00
Pump - Centrifugal, 2 in	DAY	\$113.00
Pump - Diesel Lister, 3 in	DAY	\$159.00
Pump - Double Diaphragm, 1 in	DAY	\$100.00
Pump - Double Diaphragm, 2 in	DAY	\$141.00
Pump - Double Diaphragm, 2 in, Chemical	DAY	\$187.00
Pump - Double Diaphragm, 3 in	DAY	\$159.00
Pump - Double Diaphragm, 3 in, Chemical	DAY	\$207.00
Pump - Double Diaphragm, 4 in	DAY	\$218.00
Pump - Electric Drum	DAY	\$112.00
Pump - Electric Submersible, 2 in	DAY	\$89.00
Pump - Electric Submersible, 3 in	DAY	\$112.00
Pump - Electric Submersible, 4 in	DAY	\$164.00
Pump - Hand	DAY	\$36.00
Pump - Hydraulic Transfer, 4 in	HR	\$36.00
Pump - Hydraulic Transfer, 6 in	HR	\$270.00
Pump - Trash, 4 in	DAY	\$294.00
MARINE RESPONSE EQUIPMENT		
Airboat, Single Engine	DAY	\$1236.00
Airboat, Twin Engine	DAY	\$3605.00
Boat/Workskiff without Motor	DAY	\$146.00
Brush Skimmer	DAY	\$824.00
Containment Boom - 10" Per Foot Per Day	FT	\$1.83
Containment Boom - 18" Per Foot Per Day	FT	\$2.05
Containment Boom - 24" Per Foot Per Day	FT	\$2.65
Containment Boom - 36" Per Foot Per Day	FT	\$2.97

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Regional Rate Sheet

Description	UOM	Price (USD)
Drum Skimmer (24in-36in)	DAY	\$646.00
Drum Skimmer, Double Barrel	DAY	\$979.00
Hydraulic Power Pack for Skimmer	DAY	\$227.00
Landing Craft (LCM), 26ft-29ft	DAY	\$979.00
Landing Craft (LCM), 30ft-34ft	DAY	\$1236.00
Landing Craft (LCM), 35ft-45ft	DAY	\$1854.00
PFD Life Vest	DAY	\$27.00
PFD Survival Suit / Cold Weather Survival Work Suits	DAY	\$81.00
Power Barge Boat, 26ft-30ft	DAY	\$1133.00
Power Barge Boat, 30ft-42ft	DAY	\$2060.00
Power Workboat, Fast Response, 12-14ft	DAY	\$307.00
Power Workboat, Fast Response, 15-17ft	DAY	\$367.00
Power Workboat, Fast Response, 18-22ft	DAY	\$614.00
Power Workboat, Fast Response, 23-26ft	DAY	\$773.00
Power Workboat, Fast Response, 27-36ft	DAY	\$979.00
Rigid Hull Inflatable (RIB) (18ft-22ft)	DAY	\$809.00
Rope Mop - 4" (Per Foot)	FT	\$31.00
Rope Mop - 9" (Per Foot)	FT	\$39.00
Rotating Disc Skimmer Unit	DAY	\$840.00
Skim Pack Skimmer	DAY	\$167.00
Skimmer - C24H Hydraulically Powered Rope Mop Wringer	DAY	\$670.00
Skimmer - C29H Hydraulically Powered Rope Mop Wringer	DAY	\$901.00
Skimmer - CV-46H Hydraulically powered Vertical Mop Wringer	DAY	\$798.00
Skimmer, Duck Bill	DAY	\$29.00
Skimming Vessel (Marco/JBF or Equivalent) 28-30ft	DAY	\$5639.00
Skimming Vessel Belt Drive Replacement	EA	\$1341.00
Weir Skimmer Unit	DAY	\$178.00
FIELD ANALYTICAL		
4 Gas/5 Gas Meter	DAY	\$183.00
Bailer & Sampling Equipment	DAY	\$62.00
Draeger Air Monitoring Pump	DAY	\$81.00
Explosion/Oxygen Meter	DAY	\$130.00
Geiger Counter Meter	DAY	\$162.00

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Regional Rate Sheet

Description	UOM	Price (USD)
Hydrogen Cyanide Meter	DAY	\$134.00
Interface Probe	DAY	\$130.00
Lumex RA915+ Mercury Vapor Analyzer	DAY	\$528.00
Mercury Vapor Analyzer	DAY	\$270.00
Particulate Meter, Mini Ram or equivalent	DAY	\$130.00
Personal Air Pump Meter	DAY	\$62.00
pH Meter	DAY	\$62.00
PID Meter	DAY	\$130.00
Well Purging/Sampling Pump	DAY	\$62.00
HOSES/PIPE		
Hose - Chemical, 2 in X 20 ft	DAY	\$38.00
Hose - Chemical, 3 in X 20 ft	DAY	\$53.00
Hose - Chemical, 4 in X 20 ft	DAY	\$69.00
Hose - Flex, 4 in, per ft	FT	\$2.83
Hose - Flex, 6 in, per ft	FT	\$3.61
Hose - Lay Flat, 2 in X 25ft	DAY	\$28.00
Hose - Lay Flat, 4 in X 25 ft	DAY	\$62.00
Hose - Lay Flat, 6 in X 25 ft	DAY	\$81.00
Hose - Suction, 2 in X 25 ft	DAY	\$32.00
Hose - Suction, 3 in X 25 ft	DAY	\$43.00
Hose - Suction, 4 in X 25 ft	DAY	\$62.00
Hose - Suction, 6 in X 25 ft	DAY	\$90.00
Wash Hose, 1/2in x 50ft	DAY	\$18.00
EARTH MOVING EQUIPMENT		
Backhoe Loader, 1 Yard Bucket	HR	\$81.00
Bobcat Loader/Mini Excavator	HR	\$80.00
Excavator, 20-30 Ton	HR	\$103.00
Fork Attachment for Bobcat Loader	DAY	\$60.00
Loader, 2-3 Yard Bucket	HR	\$79.00
Mini Excavator	HR	\$80.00
Sweeper Attachment for Bobcat Loader	DAY	\$146.00

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Regional Rate Sheet

Description	UOM	Price (USD)
PNEUMATIC POWER TOOLS		
3/4in Drill, Rotary Hammer	DAY	\$94.00
Jackhammer, 40Lb	DAY	\$67.00
Jackhammer, 60Lb	DAY	\$84.00
Jackhammer, 90Lb	DAY	\$101.00
Pneumatic Chipping Gun	DAY	\$108.00
Steel Nibbler, Pneumatic	DAY	\$135.00
GAS POWERED TOOLS		
Brush Cutter/Power Broom	DAY	\$126.00
Chain Saw	DAY	\$126.00
Cutoff Saw (Demo)	DAY	\$135.00
ELECTRIC POWER TOOLS		
1/2in Drill, Electric	DAY	\$44.00
Circular Saw, Electric	DAY	\$62.00
Mercury Vacuum	DAY	\$212.00
Reciprocating Saw (Sawzall), Electric	DAY	\$81.00
Wet Vacuum (Shop Vac)	DAY	\$44.00
SITE SUPPORT		
100 HP boiler unit	HR	\$103.00
15 Gal HEPA Vacuum	DAY	\$177.00
150,000 BTU Portable Heater	DAY	\$280.00
2 CU YD self dumping hopper	DAY	\$4.43
2,000 - 2,900 Gal Poly Storage Tank	DAY	\$81.00
20,000 Gal Frac Tank	DAY	\$167.00
3,000 - 3,900 Gal Steel Storage Tank	DAY	\$28.00
300 - 500 Gal Poly Storage Tank	DAY	\$42.00
4,000 - 6,000 Gal Poly Storage Tank	DAY	\$99.00
Air Compressor 175-185 CFM	DAY	\$280.00
Air Compressor 8-10 CFM	DAY	\$125.00
ATV, 4X4 or 4X6	DAY	\$377.00
Carbon Filter System	DAY	\$256.00

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Regional Rate Sheet

Description	UOM	Price (USD)
Decon Pool, 10ft x 10ft	DAY	\$155.00
Decon Pool, 20ft x 100ft	DAY	\$464.00
Decon Pool, 25ft x 50ft	DAY	\$309.00
Decontamination Trailer	DAY	\$188.00
Dewatering Box	DAY	\$177.00
Drum Vacuum, Pneumatic	DAY	\$188.00
Dump Trailer (Trailer Only, Staged on Site)	DAY	\$76.00
Eyewash Station	DAY	\$55.00
Frac Tank, Double Walled	DAY	\$200.00
Generator - 12K Watt	DAY	\$258.00
Generator - 4,000 Watt	DAY	\$143.00
Generator - 5,000 Watt	DAY	\$162.00
Generator - 8,000 Watt	DAY	\$188.00
Halogen Spotlight	DAY	\$108.00
Incident Command Unit	DAY	\$1615.00
Intermodal Container	DAY	\$33.00
Intrinsically Safe Drop Light	DAY	\$108.00
Light Stand	DAY	\$108.00
Light Tower w/Generator	DAY	\$539.00
Manlift	DAY	\$258.00
Office Trailer	DAY	\$118.00
On-site Van Trailer (Tractor not included)	DAY	\$207.00
Personnel Staging Tent, 10x10 ft, Purchased	EA	\$180.00
Personnel Staging Tent, 20' x 30'	DAY	\$155.00
Pump - Trash, 2 in	DAY	\$112.00
Pump - Trash, 3 in	DAY	\$129.00
Rolloff Container with Metal lid	DAY	\$24.00
Rolloff Container with Tarp & Bows	DAY	\$21.00
Sea Container / Conex / Tool Crib, 20 ft.	DAY	\$31.00
Secondary Containment Unit	DAY	\$42.00
Skid Mounted Liquid Phase Carbon System (10GPM)	DAY	\$70.00
Tank Trailer/Transporter, No Tractor (For Storage Only)	DAY	\$469.00
Traffic Cone/Barricade Unit	DAY	\$1.55

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Regional Rate Sheet

Description	UOM	Price (USD)
Utility/Cross Terrain Vehicle (Mule/Gator)	DAY	\$323.00
Vacuum Box, Watertight	DAY	\$112.00
SPECIALTY EQUIPMENT		
Antiviral Disinfectant Fogger	DAY	\$180.00
Auger, Manual	DAY	\$67.00
Compactor	DAY	\$67.00
Confined Space Entry Gear (Retrieval & Rescue Equip)	DAY	\$375.00
Cutting Torch/Acetylene Torch	DAY	\$124.00
DBI/Rogloss Tripod	DAY	\$67.00
Digital Camera	DAY	\$89.00
Drum Crusher, Portable	DAY	\$469.00
Drum Tilter, Mechanical	DAY	\$177.00
Electric Auger	DAY	\$76.00
Electric Blower	DAY	\$90.00
Explosion Proof Pneumatic Fan Blower	DAY	\$90.00
Fiber Optic Camera	HR	\$60.00
Fiber Optic Camera Truck	HR	\$153.00
Forklift, 2,000Lb Capacity	DAY	\$431.00
Forklift, 6,000Lb Capacity (High Reach / Lull)	DAY	\$464.00
Plasma Cutting Torch	DAY	\$244.00
Remote Drum Opener, Pneumatic	DAY	\$1228.00
Sand Blaster and Hose	HR	\$30.00
Transit Set	DAY	\$129.00
Walk Behind Concrete Saw	DAY	\$235.00
RESPIRATORY PROTECTION		
2 Man Breathing System	DAY	\$297.00
4 Man Breathing System	DAY	\$377.00
Acid Cartridges	PAIR	\$30.00
Asbestos Cartridges	PAIR	\$31.00
Breathing Air Hose, 100ft	DAY	\$108.00
Chlorine Cartridges	PAIR	\$30.00
Mercury Cartridges	PAIR	\$56.00

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Regional Rate Sheet

Description	UOM	Price (USD)
MSA Chemical Cartridge	EA	\$31.00
Negative Air Machine (Blower w/ HEPA filter)	DAY	\$270.00
Organic Vapor Cartridges (No Dust)	PAIR	\$30.00
Organic Vapor/Dust Combination Cartridges	PAIR	\$53.00
Respirator, Full Face	DAY	\$33.00
Self Contained Breathing Apparatus (SCBA)	DAY	\$270.00
PERSONAL PROTECTIVE EQUIPMENT (PER PERSON PER CHANGE OUT)		
Level A w/ResponderPlus Suit/Changeout	EA	\$979.00
Level B w/CPF2 or Polytyvec/Changeout	EA	\$206.00
Level B w/CPF3 or Saranex Suit/Changeout	EA	\$258.00
Level B w/CPF4 or Barricade Suit/Changeout	EA	\$309.00
Level C w/CPF1,2 or Polytyvec/Changeout	EA	\$62.00
Level C w/CPF3 or Saranex Suit/Changeout	EA	\$77.00
Level C w/CPF4 or Barricade Suit/Changeout	EA	\$124.00
Modified Level D (Tyvec, Gloves and Boots)	EA	\$31.00
CHEMICAL PROTECTIVE GARMENTS		
Chemrel Suit, Level C	EA	\$82.00
Kappler CPF1 Suit (Blue)	EA	\$35.00
Kappler CPF2 Suit (Grey)	EA	\$58.00
Kappler CPF2 Suit w/Strapped Seams (Grey)	EA	\$97.00
Kappler CPF3 Suit w/Hood & Boots (Tan)	EA	\$131.00
Kappler CPF3 Suit w/Hood & Strapped Seams (Tan)	EA	\$165.00
Kappler CPF4 Suit w/Hood & Boots (Green)	EA	\$136.00
Nomex Suit and Hood	EA	\$57.00
Polycoated Rain Gear, 22mil	EA	\$19.00
Tyvec, Polycoat HD/BT	EA	\$19.00
Tyvec, Saranex	EA	\$59.00
Tyvec, White	EA	\$23.00
HAND PROTECTION		
14in Neoprene Gloves	PAIR	\$13.39
14in Nitrile Gloves	PAIR	\$13.39

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Regional Rate Sheet

Description	UOM	Price (USD)
Cotton Winter Glove Liners	PAIR	\$6.18
Cut Resistant Gloves	PAIR	\$30.00
Gloves - 12 In PVC	PAIR	\$11.33
Gloves - 18 in PVC	PAIR	\$12.46
Gloves - Leather	PAIR	\$8.24
Latex Gloxex	BOX	\$14.00
Puncture Resistant Gloves	PAIR	\$35.00
Silver Shield Gloves	PAIR	\$35.00
FOOT PROTECTION		
Disposable Boot Covers (Chicken Boots)	PAIR	\$12.88
Non Steel Toe Chest Waders - Purchased	PAIR	\$232.00
Steel Toe Hip Boots - Purchase	PAIR	\$165.00
Steel Toe Knee Boots	PAIR	\$82.00
HEAD / FACIAL PROTECTION		
16oz Eyewash	EA	\$23.00
Bottled Water / Stress Relief (Case)	CA	\$26.00
Earplugs	PAIR	\$1.98
Face/Splash Shield	EA	\$23.00
First Aid Kit, 25 Person	EA	\$85.00
DOT SHIPPING CONTAINERS		
1 Cubic Yard Supersac 13H2/Y/06	EA	\$84.00
10 Gal / 40 Litre Fiber Drum	EA	\$41.00
110 Gal Steel Drum, Reconditioned 1A2/Y400S	EA	\$469.00
16 Gal / 70 L Closed Poly Drum	EA	\$63.00
16 Gal / 70 L Poly Drum 1H2/Y56/S	EA	\$66.00
16 Gal Fiber Drum	EA	\$30.00
18x18x24in Nonhazardous Pathological Waste Box	EA	\$10.30
20 Gal / 80 Litre Fiber Drum	EA	\$35.00
20 Gal / 80 Litre Poly Drum (1H2/Y56/S)	EA	\$103.00
275G / 1100 L Poly TOTE, DOT Rated	EA	\$283.00
275G / 1100 L Recondition Poly TOTE, DOT Rated	EA	\$235.00

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Regional Rate Sheet

Description	UOM	Price (USD)
30 Gal / 120 Litre Closed Poly Drum 1H1/Y1.8/100	EA	\$80.00
30 Gal / 120 Litre Closed Steel Drum, New 1A1/Y1.6/200	EA	\$97.00
30 Gal / 120 Litre Closed Steel Drum, Reconded 1A1/Y1.4/100	EA	\$92.00
30 Gal / 120 Litre Fiber Drum 1G/X56/S	EA	\$53.00
30 Gal / 120 Litre Poly Drum 1H2/Y142/S	EA	\$87.00
30 Gal / 120 Litre Steel Drum, New 1A2/Y1.4/100	EA	\$114.00
30 Gal / 120 Litre Steel Drum, Reconditioned 1A2/Y1.2/100	EA	\$82.00
4ft Fluorescent Tube Box 4G/Y275	EA	\$26.00
5 Gal / 20 Litre Closed Poly Drum 1H1/Y1.8/170	EA	\$30.00
5 Gal / 20 Litre Closed Steel Drum 1A1/Y1.8/300	EA	\$35.00
5 Gal / 20 Litre Poly Drum 1H2/Y1.5/60	EA	\$23.00
5 Gal / 20 Litre Steel Drum 1A2/Y1.8/100	EA	\$35.00
5.5 Gal / 20 L Steel Drum 1A2/Y23/S	EA	\$23.00
55 G / 205 L Closed Steel Drum, Recon 1A1/Y1.4/100 (17-E)	EA	\$45.00
55 G / 205 L Steel Drum, Reconditioned 1A2/Y1.2/100 (17-H)	EA	\$68.00
55 Gal / 205 L Stainless Steel Drum, Reconditioned	EA	\$260.00
55 Gal / 205 Litre Closed Poly Drum 1H1/Y1.8/150	EA	\$103.00
55 Gal / 205 Litre Closed Poly Drum 1H1/Y1.8/150, Recycled	EA	\$101.00
55 Gal / 205 Litre Closed Steel Drum, New 1A1/Y1.8/300	EA	\$100.00
55 Gal / 205 Litre Fiber Drum 1G/Y190/S	EA	\$58.00
55 Gal / 205 Litre Open Head Poly, Reconditioned Drum 1H2/Y2	EA	\$98.00
55 Gal / 205 Litre Poly Drum 1H2/Y237/S	EA	\$153.00
55 Gal / 205 Litre Steel Drum, New 1A2/Y1.5/100	EA	\$113.00
85 Gal / 320 Litre Steel Drum, New 1A2/X400/S	EA	\$237.00
85 Gal / 320 Litre Steel Drum, Recycled 1A2/X400/S	EA	\$201.00
8ft Fluorescent Tube Box 4G/Y275	EA	\$28.00
95 Gal Poly Drum 1H2/Y318/S (Overpack)	EA	\$278.00
95 Gal Poly Drum, Recycled 1H2/Y318/S (Overpack)	EA	\$276.00
Drum 15 Gal / 60 Litre Poly (1H2/Y1.8/100)	EA	\$73.00
Drum Liners	EA	\$23.00
Drum Rings/Bolts/Gaskets	EA	\$30.00
Dump Trailer Poly Liner	EA	\$99.00
Filter/Liner for Filter Box	EA	\$367.00

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Regional Rate Sheet

Description	UOM	Price (USD)
Flexbin, 1 Cubic Yard Flexbin 11G/Y/2022/1122	EA	\$159.00
Flexbin, Cubic Yard Box for Non-Haz Waste	EA	\$103.00
Flexbin/Cubic Yard Box Liner	EA	\$30.00
Fluorescent Bulb Tubes, 4ft 100 bulb capacity	BOX2	\$63.00
Fluorescent Bulb Tubes, 8ft 100 bulb capacity	BOX2	\$91.00
Hazardous Waste Labels	EA	\$1.34
Labels - DOT	EA	\$1.55
Pathological Waste Bag	EA	\$6.28
Poly Bags, 6mil, per Roll	EA	\$175.00
Poly Sheet, 6mil 20ft x 100ft	EA	\$118.00
Rolloff Poly Liner	EA	\$80.00
Vacbox Liner/Bladder	EA	\$793.00
Waste Wrangler	EA	\$193.00

ABSORBENT MATERIALS

Absorbent Boom, 3in x 4ft	EA	\$8.24
Absorbent Boom, 5in x 10ft x 4/Bale	BALE	\$159.00
Absorbent Boom, 8in x 10ft x 4/Bale	BALE	\$254.00
Absorbent Pad (101 Grade) 100/bale	BALE	\$131.00
Absorbent Roll, 38in x 144ft	EA	\$186.00
Absorbent Rug, 36in x 300ft	EA	\$309.00
Absorbent Sweep, 17in x 100ft	BALE	\$164.00
Activated Carbon for Water treatment systems	LBS	\$3.19
Corn Cob Absorbent 40lb / 18 kg bag	BAG	\$18.00
HGX Absorbent (Mercury absorbent)	LBS	\$21.00
Oil Snare, on a Line, 50ft	EA	\$100.00
Poly Absorbent, 20 lb / 23 kg	BAG	\$108.00
Rags, 50 lb / 23 kg	BOX	\$63.00
Speedi Dry	BAG	\$12.36
SPI Solidification Particulate (Oil Bond)	LBS	\$20.00
SPI Waterbond	LBS	\$16.00
Vermiculite 4 cuft	BAG	\$48.00

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Regional Rate Sheet

Description	UOM	Price (USD)
DEGREASERS & NEUTRALIZING AGENTS		
142 Solvent	GAL	\$11.33
Antifreeze, Concentrate	GAL	\$5.97
Antiviral Disinfectant Solution	GAL	\$46.00
Capsur	GAL	\$175.00
Cirtic Acid Solution, 15%	GAL	\$7.21
Citrus Cleaner Degreaser	GAL	\$63.00
Hydrated Lime, 50 lb / 23 kg	BAG	\$8.24
Hydrochloric Acid	LBS	\$3.71
Penetone Degreaser	GAL	\$34.00
Pink Stuff Degreaser	GAL	\$23.00
Simple Green Degreaser	GAL	\$35.00
Soda Ash, 100 lb / 45 kg	BAG	\$54.00
Sodium bisulfate 50 lb / 23 kg	BAG	\$125.00
Sodium Hypochlorite, 15% (Bleach)	GAL	\$9.27
SAMPLING AND LAB SUPPLIES		
8oz Sample Jars	EA	\$14.42
CHLOR'N'OIL Test Kit 0-50ppm PCB	EA	\$40.00
CHLOR-D-TECT 4000 Test Kit (Halogens)	EA	\$30.00
Draeger Tube	EA	\$30.00
pH Paper, 1-14/Roll	EA	\$18.00
Sample Tube	EA	\$18.00
MARINE EQUIPMENT		
1/2in Nylon Rope	FT	\$1.03
1/2in Poly Rope	FT	\$0.52
1/8in Poly Rope	FT	\$0.41
3/8in Unguarded Galvanized Chain	FT	\$7.21
Anchor, 18Lb	EA	\$141.00
PFD Deck Suit	EA	\$696.00
PFD Safety Light	EA	\$30.00

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Regional Rate Sheet

Description	UOM	Price (USD)
HAND TOOL/CONSTRUCTION ACCESSORIES		
16in Street Broom	EA	\$36.00
24in Floor Broom	EA	\$36.00
3 Gal Pump Spray Bottle	EA	\$56.00
3/8in Manilla Rope	FT	\$0.52
3/8in Manilla Rope Coil, 600ft	EA	\$170.00
3in Long Handle Scraper	EA	\$24.00
3in Scraper	EA	\$15.00
Caution Tape/Roll	EA	\$58.00
Chemical Tape/Roll	EA	\$53.00
Deck/Scrub Brush	EA	\$19.00
Disposable Hand Pump/Syphon Pump	EA	\$35.00
Duct Tape/Roll	EA	\$12.36
Extension Cord, 50ft	EA	\$58.00
Fence Stakes	EA	\$9.37
Fence, SILT 100ft	EA	\$147.00
Flat Shovel	EA	\$33.00
Garden Hoe	EA	\$31.00
Garden Rake	EA	\$31.00
Pitch Fork	EA	\$103.00
Plastic Shovel	EA	\$57.00
Sawzall Blade	EA	\$35.00
Shrink Wrap	ROL	\$49.00
Snow Fence/Safety Fence, 100ft	EA	\$79.00
Spaded Shovel	EA	\$36.00
Squeegee	EA	\$38.00
WASTE MATERIAL APPROVAL		
Profile Approval Fee (No Sample)	EA	\$75.00
Sample & Profile Approval Fee	EA	\$150.00
MISCELLANEOUS		
Acetylene Bottle	EA	\$46.00

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Regional Rate Sheet

Description	UOM	Price (USD)
Breathing Air Bottle Refill	EA	\$31.00
Collection Jar for Mercury Vacuum	EA	\$45.00
Filter Bags - 25 Micron Nominal	EA	\$9.27
Filtration Bag for Mercury Vacuum	EA	\$30.00
Hand Cleaner	EA	\$34.00
Misc. Handtools	DAY	\$50.00
Rolloff Bow	EA	\$43.00
Rolloff Tarp	EA	\$431.00

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Regional Rate Sheet

NOTES:

- 1) All labor, equipment, materials and services outlined in this Schedule of Rates will be invoiced at the rates listed, regardless of Clean Harbors' method of acquisition. Any items not described in this Schedule of Rates which are acquired by Clean Harbors shall be invoiced at Clean Harbors' cost plus a markup of thirty-five percent (35%). (Unless otherwise specified, these rates are not valid for response to Infectious Agents/Biologicals.) The Schedule of Rates includes the cost of Clean Harbors' basic medical monitoring program. Any special medical monitoring required by the client or the nature of the work will be added to the project scope and the client will be invoiced at cost plus a markup listed above.
- 2) Lodging and subsistence for Clean Harbors personnel and our subcontractors in the field are included in a per diem charge per person per day when working more than 30 miles from the employee's normal operations center and when overnight accommodations are required. The rate is outlined in the labor section of this document. When overnight accommodations are not required but work exceeds 12 hours, \$40.00 per day per person may apply to cover meals and incidentals.
- 3) At its sole discretion, Clean Harbors will determine the level of protection required for each project. Level A, B, C or D personal protection and safety packages will be invoiced at the rates shown in the Schedule of Rates.
- 4) Clean Harbors' personnel and equipment will be charged portal-to-portal (mobilization and demobilization included). Services provided prior, during and/or subsequent to actual project site activities will also be charged at the Hourly Rate. This includes, but is not limited to, time taken by personnel to decontaminate and re-don protective clothing and equipment that is billed as part of the project.
- 5) Clean Harbors' normal employee workday is 7:00 am to 3:30 pm, Monday through Friday. Other work hours must be agreed to in writing in advance. No more than eight (8) hours of straight time will be billed for one person for one day. All time will be based upon a 24 hour day.
- 6) All hours worked in excess of eight (8) hours in the normal workday, as described above, as well as all hours worked all day Saturday are considered overtime and will be billed at 1.5 times the applicable straight time rate for all billable personnel.
- 7) Sunday and Holidays are considered premium time and will be billed at 2.0 times the applicable straight time rate for all billable personnel. Holidays are the legally observed United States Federal Holidays plus the day after Thanksgiving. When local laws or regulations recognize additional holidays or when local laws or regulations define premium hours in excess of this definition, Clean Harbors will invoice in accordance with local laws or regulations.
- 8) All emergency call-outs (i.e., less than 24-hour notice) will be subject to a minimum four (4) hour response charge or \$2000.00 minimum charge, whichever is greater. Minimum charges do not apply to Transportation and Disposal.
- 9) Charges for Safety Plans are assessed on all projects involving OSHA regulated substances or when required by the Customer or other Agency. In some instances a Site Safety Officer charge will apply per hour to create and administer the Safety Plan.
- 10) A variable Energy and Security Recovery Fee (that fluctuates with the DOE national average diesel price), will be applied to the total invoice, excluding sales tax.
- 11) Unless specifically notated, these rates do not apply to any projects with Prevailing Wage requirements. Any Prevailing Wage rates will be negotiated on a case-by-case basis.
- 12) Equipment billed on an hourly basis will be billed a minimum of four hours upon activation. For equipment with only Daily Rates, a day will be charged up to 12 hours. No more than 2 Daily Rates will apply per calendar day. For boats and other marine equipment, Daily Rates will apply regardless of the hours used per day.
- 13) Unless specifically notated in the equipment description, all equipment rates are un-operated.
- 14) All waste disposal from project and or response activities will be charged additionally to the rates lists herein. A Waste Document Preparation Fee of \$125 per day will apply to any work generating waste. The fee includes labels, manifests/bills of lading and profiles.
- 15) Standby charges will be negotiated on a case-by-case basis.
- 16) Clean Harbors guarantees to hold prices firm for 60 days.

"Confidential | Proprietary Business Information - Do Not Disclose To Any Third-Party Without Written Consent of Clean Harbors."

Forrest Huisman

From: Annie Rosenfeld
Sent: Thursday, July 13, 2017 9:24 AM
To: Crosthwaite, Colton J; Reed, Gregory A; Sean Connors; Forrest Huisman
Cc: Harbart, Corey R
Subject: RE: CLEAN HARBORS invoices for TA9868 Tahoe Donner Homeowners Association
Attachments: Clean Harbors.WMPS.Oily Debris.pdf; Clean Harbors.WMPS.Oily Water.pdf

Hello Colton-

Attached please find executed Waste Material Profile Sheets for the removal of:

1. Oily Debris – dirt, brush, pads/booms etc;
2. Oily Water

Respective to the individual events I need to ensure that testing of the substances occurs. Can you confirm this will be completed and identified by date of incident/cleanup?

Sean is prepared for your pick up of the materials, please confirm date and approximate time of arrival.

Kind Regards,
Annie

From: Crosthwaite, Colton J [mailto:crosthwaite.colton@cleanharbors.com]
Sent: Wednesday, July 12, 2017 3:05 PM
To: Reed, Gregory A <reed.gregory@cleanharbors.com>; Annie Rosenfeld <arosenfeld@TahoeDonner.com>; Sean Connors <sconnors@tahoedonner.com>; Forrest Huisman <FHuisman@tahoedonner.com>
Cc: Harbart, Corey R <harbart.corey@cleanharbors.com>
Subject: RE: CLEAN HARBORS invoices for TA9868 Tahoe Donner Homeowners Association

WARNING: This email originated outside of Tahoe Donner Association.
DO NOT CLICK links or attachment unless you recognize the sender and know the content is safe.

Annie,

Please see the attached copies of the profiles of the onsite waste. Please review, sign and return back to me. This will allow us to pick up the waste ASAP.

Thank you,

Colton Crosthwaite
Project Supervisor
(o) 775.331.9400
(c) 775.737.1424
crosthwaite.colton@cleanharbors.com



From: Reed, Gregory A
Sent: Wednesday, July 12, 2017 1:30 PM
To: Annie Rosenfeld; Sean Connors; Forrest Huisman
Cc: Harbart, Corey R; Crosthwaite, Colton J
Subject: RE: CLEAN HARBORS invoices for TA9868 Tahoe Donner Homeowners Association

Hi Annie,

I have just met with Colton and he will be making this issue a priority and will be contacting you shortly. I apologize for any inconvenience our delay has caused, if you have any other issues please feel free to contact me.

Thank you, Greg

Safety Starts with Me: Live It 3-6-5

Greg Reed
Field Service Branch Manager
Clean Harbors Environmental Services, Inc.
Sparks Field Services
191 Coney Island Drive
Sparks NV, 89431
(o) 775-331-9400 Ex 234
(c) 775-848-5722
reed.gregory@cleanharbors.com
www.cleanharbors.com



From: Annie Rosenfeld [<mailto:arosenfeld@TahoeDonner.com>]
Sent: Wednesday, July 12, 2017 8:48 AM
To: Reed, Gregory A; Sean Connors; Forrest Huisman
Cc: Harbart, Corey R; Crosthwaite, Colton J
Subject: RE: CLEAN HARBORS invoices for TA9868 Tahoe Donner Homeowners Association

Good Morning Greg-

It is my understanding that you are the Branch Manager for Clean Harbors, Sparks office. I placed a call this morning to you however you were on a conference call and the customer service could not transfer me to your voice mail. He provided me with your cell phone and email as a secondary way to contact you.

I am reaching out to you this morning as Tahoe Donner has attempted for the last two months to close out the environmental clean up services provided by Clean Harbors on April 1 and 3; and a second event on May 18, 19, 23 and 27. Our Maintenance Manager has called and emailed Colton with unsuccessful return calls. I have attempted to get response but, have only received promises that we will be contacted soon. I prefer not to have to go up the chain of command and trouble you with this; however, we must have resolution as soon as possible due to regulatory agency written requirements including but not limited to Regional Quality Water Board Lahontan Region, Nevada County Environmental Health, and Town of Truckee.

A scheduled removal of all contaminants contained in the April and May events must occur as well as required testing of which I need to confirm with Clean Harbors staff how and where that is occurring in order to provide further detail to the agencies.

I request contact today on this matter.

Thank You,

Annie

ANNIE ROSENFELD
Director of Risk Management and Real Property
Ph. 530.582.9630
Fx. 530.587.9419



As we roll into summer, get ready to golf on our greens, bike on our trails and explore the mountains on horseback. And don't forget about our popular two-day concert event, Summer Concert on the Green—it's back and better than ever on July 1 and 2.



#tahoedonnerassociation

CONFIDENTIALITY NOTICE

This message and the accompanying documents (if any) are intended only for the use of the individual or entity to which they are addressed and may contain information that is privileged, confidential or exempt from disclosure under applicable law. Any interception, review, transmission, copying, dissemination or other use or, or taking of any action upon this information by persons or entities other than the intended recipient is strictly prohibited. It is the responsibility of the recipient to ensure that this message is virus free and no responsibility is accepted by the sender for any loss or damage arising if such a virus or defect exists.

From: Harbart, Corey R [<mailto:harbart.corey@cleanharbors.com>]

Sent: Friday, July 7, 2017 12:05 PM

To: Annie Rosenfeld <arosenfeld@TahoeDonner.com>; Crosthwaite, Colton J <crosthwaite.colton@cleanharbors.com>

Subject: RE: CLEAN HARBORS invoices for TA9868 Tahoe Donner Homeowners Association

WARNING: This email originated outside of Tahoe Donner Association.

DO NOT CLICK links or attachment unless you recognize the sender and know the content is safe.

Annie,

Colton should be getting back to you on a pickup date. Sorry for the delay.

Corey

Safety Starts with Me: Live it 3-6-5

Corey Harbart
Technical Services Account Manager
Clean Harbors Environmental Services
191 Coney Island Dr.
Sparks, NV 89431
Mobile: 775-848-5725
harbart.corey@cleanharbors.com
Web: www.cleanharbors.com

From: Annie Rosenfeld [<mailto:arosenfeld@TahoeDonner.com>]
Sent: Thursday, July 06, 2017 4:57 PM
To: Crosthwaite, Colton J <crosthwaite.colton@cleanharbors.com>; Harbart, Corey R <harbart.corey@cleanharbors.com>
Subject: RE: CLEAN HARBORS invoices for TA9868 Tahoe Donner Homeowners Association

Hello Corey and Colton-

I am emailing you to address the containments which still remain at 14514 Northwoods Blvd/Maintenance Yard both from the 4/1/17 and May 2017 cleanups you performed on behalf of TDA.

Specific to the May 2017 cleanup containments (liquid, soil and vegetation); Nevada County Environmental health needs an assurance of how, you as the hazardous waste handler, will be managing the containments and where you plan on taking them for disposal and test. Before you can remove these, I need to provide them with these two pieces of information. Can you provide them to me by end of business day tomorrow, July 7?

Finally, can you please confirm your planned pick up day for the containments from the April and May cleanups?

Thank you for your attention in this matter.

Regards,
Annie

ANNIE ROSENFELD
Director of Risk Management and Real Property
Ph. 530.582.9630
Fx. 530.587.9419



As we roll into summer, get ready to [golf on our greens](#), [bike on our trails](#) and [explore the mountains on horseback](#). And don't forget about our popular two-day concert event, [Summer Concert on the Green](#)—it's back and better than ever on July 1 and 2.



#tahoedonnerassociation



INVOICE
Invoice No 1001812992

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
03 Apr 2017	1001812992	TA9868	NV	1701593190	SEAN CONNERS	NET 15 DAYS

Last Service Date	Task	Task Type	Description	Total
03 Apr 2017	1701593190-001	GENERAL	Emergency Response	\$16,575.39

SUBTOTAL \$16,575.39

TAX \$0.00

PLEASE PAY THIS AMOUNT → INVOICE TOTAL **\$16,575.39**

REMIT PAYMENT BY → DUE DATE **08 May 2017**

SP
received from
Colton on 7/12/17

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



INVOICE
Invoice No 1001812992

TASK 1701593190-001 - Emergency Response

Manifest Info	Item ID	Description	Manifest Qty	Manifest UOM	Billing Qty	Billing UOM	Unit Price	Amount
01 Apr 2017								
	TKPU	Pickup/Van/Car/Crew Cab	10.000	HR	22.0000			\$220.00
	VACSJ	Vacuum Truck, Straight	10.500	HR	87.0000			\$913.50
	WASHER30H	3000psi Hot Water Pressure Washer	1.000	DAY	387.0000			\$387.00
	TRLRSPILL	Spill Trailer	1.000	DAY	295.0000			\$295.00
	PPED1	Modified Level D (Tyvec, Gloves and Boots)	4.000	EA	31.0000			\$124.00
	FOROT	Foreman Overtime	10.000	HR	117.0000			\$1,170.00
	FTOT	Field Technician Overtime	9.500	HR	91.5000			\$869.25
	FTOT	Field Technician Overtime	11.000	HR	91.5000			\$1,006.50
	EOOT	Equipment Operator, Overtime	10.500	HR	117.0000			\$1,228.50
	DM55STL	55 G / 205 L Steel Drum, Reconditioned 1A2/Y1.2/100 (17-H)	11.000	EA	68.0000			\$748.00
	DEGSIMGRN	Simple Green Degreaser	1.000	GAL	35.0000			\$35.00
	SORBPAD	Absorbent Pad (101 Grade) 100/bale	3.000	BALE	131.0000			\$393.00
	SORBBOOM3	Absorbent Boom, 3in x 4ft	6.000	EA	8.2400			\$49.44
	SORBSPEED	Speedi Dry	10.000	BAG	12.3600			\$123.60
	DM5POLY	5 Gal / 20 Litre Poly Drum 1H2/Y1.5/60	25.000	EA	23.0000			\$575.00
03 Apr 2017								
	TKPU	Pickup/Van/Car/Crew Cab	12.500	HR	22.0000			\$275.00
	VACSJ	Vacuum Truck, Straight	10.500	HR	87.0000			\$913.50
	TRLRSPILL	Spill Trailer	1.000	DAY	295.0000			\$295.00
	WASHER30H	3000psi Hot Water Pressure Washer	1.000	HR	47.0000			\$47.00
	PPED1	Modified Level D (Tyvec, Gloves and Boots)	4.000	EA	31.0000			\$124.00
	TKPU	Pickup/Van/Car/Crew Cab	12.000	HR	22.0000			\$264.00
	FOR	Foreman	8.000	HR	78.0000			\$624.00
	FOROT	Foreman Overtime	4.500	HR	117.0000			\$526.50
	FT	Field Technician	8.000	HR	61.0000			\$488.00
	FTOT	Field Technician Overtime	3.500	HR	91.5000			\$320.25
	FT	Field Technician	8.000	HR	61.0000			\$488.00
	FTOT	Field Technician Overtime	4.000	HR	91.5000			\$366.00
	EO	Equipment Operator	8.000	HR	78.0000			\$624.00
	EOOT	Equipment Operator, Overtime	2.500	HR	117.0000			\$292.50
	DM55POLY	55 Gal / 205 Litre Open Head Poly, Reconditioned Drum 1H2/Y2	1.000	EA	98.0000			\$98.00
	DM55STL	55 G / 205 L Steel Drum, Reconditioned 1A2/Y1.2/100 (17-H)	10.000	EA	68.0000			\$680.00
	DEGSIMGRN	Simple Green Degreaser	1.000	GAL	35.0000			\$35.00
	DMTOT275P	275G / 1100 L Recondition Poly TOTE, DOT Rated	2.000	EA	235.0000			\$470.00
	FEE	Recovery Fee	15,068.540	EA	0.1000			\$1,506.85
SUBTOTAL								\$16,575.39
TAX								\$0.00
TASK TOTAL								\$16,575.39

pick vendor>



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

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
Comment ZIP
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		List 15 Characters for Each	
xxxxx - xxx	Account Code	Acct Description / Dept Charged	GL CHARGE Amount
52505-160		Hazardous Waste / Maintenance	\$ 16,575.39
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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**
CUSTOMER CODE (Assigned by Clean Harbors) **TA9868** CUSTOMER NAME: **Tahoe Donner Homeowners Association**
ADDRESS **11509 Northwoods Boulevard** CITY **Truckee** PHONE: **(530) 582-9630**
STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**

B. WASTE DESCRIPTION

WASTE DESCRIPTION: **Oil 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)	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) <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 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	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 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	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**



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 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			BROMINE	<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0			CHLORINE	<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0			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				

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	<input checked="" type="checkbox"/>	NO	USEPA HAZARDOUS WASTE?	
<input checked="" type="checkbox"/>	YES	NO	DO ANY STATE WASTE CODES APPLY?	223
			Texas Waste Code	
YES	<input checked="" type="checkbox"/>	NO	DO ANY CANADIAN PROVINCIAL WASTE CODES APPLY?	
YES	<input checked="" type="checkbox"/>	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	<input checked="" type="checkbox"/>	NO	IS THIS A UNIVERSAL WASTE?	
YES	<input checked="" type="checkbox"/>	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	<input checked="" type="checkbox"/>	NO	DOES TREATMENT OF THIS WASTE GENERATE A F005 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	<input checked="" type="checkbox"/>	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	<input checked="" type="checkbox"/>	NO	DOES THIS WASTE CONTAIN AN ORGANIC CONSTITUENT WHICH IN ITS PURE FORM HAS A VAPOR PRESSURE > 77 KPA (11.2 PSIA)?	
YES	<input checked="" type="checkbox"/>	NO	IS THIS CERCLA REGULATED (SUPERFUND) WASTE?	
YES	<input checked="" type="checkbox"/>	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 LIQUID

GALLONS/SHIPMENT: 100.00 Min - 5000.00 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

Annie Rosenfeld

Annie Rosenfeld

Director of Risk

7/13/17



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) **TA2298** CITY **Truckee** STATE/PROVINCE **CA** ZIP/POSTAL CODE **96161**
ADDRESS **14514 Northwoods Boulevard** PHONE: **(530) 582-9830**
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: **Oil 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 1 2 3 TOP 0.00 % BY VOLUME (Approx.) MIDDLE 0.00 BOTTOM 0.00	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	
	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 <input checked="" type="checkbox"/> Unknown 1.1 - 5.0 5.1 - 20.0	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	50.00000000	-	70.00000000	%
PPE	20.00000000	-	50.00000000	%
SOIL & DEBRIS	20.00000000	-	50.00000000	%

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**



Clean Harbors Profile No. CH1473736

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
D018	BENZENE	0.5		BROMINE		<input checked="" type="checkbox"/>
D019	CARBON TETRACHLORIDE	0.5		CHLORINE		<input checked="" type="checkbox"/>
D021	CHLOROBENZENE	100.0		FLUORINE		<input checked="" type="checkbox"/>
D022	CHLOROFORM	6.0		IODINE		<input checked="" type="checkbox"/>
D028	1,2-DICHLOROETHANE	0.5		SULFUR		<input checked="" type="checkbox"/>
D029	1,1-DICHLOROETHYLENE	0.7		POTASSIUM		<input checked="" type="checkbox"/>
D035	METHYL ETHYL KETONE	200.0		SODIUM		<input checked="" type="checkbox"/>
D039	TETRACHLOROETHYLENE	0.7		AMMONIA		<input checked="" type="checkbox"/>
D040	TRICHLOROETHYLENE	0.5		CYANIDE AMENABLE		<input checked="" type="checkbox"/>
D043	VINYL CHLORIDE	0.2		CYANIDE REACTIVE		<input checked="" type="checkbox"/>
	SEMI-VOLATILE COMPOUNDS			CYANIDE TOTAL		<input checked="" type="checkbox"/>
D023	o-CRESOL	200.0		SULFIDE REACTIVE		<input checked="" type="checkbox"/>
D024	m-CRESOL	200.0				
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. CH1473736

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: 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 $\geq .3$ 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

<input checked="" type="checkbox"/> CONTAINERIZED		BULK LIQUID		BULK SOLID	
STORAGE CAPACITY: 15	5-15 CONTAINERS/SHIPMENT	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	<input checked="" type="checkbox"/> CRUM				
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.

on behalf of Tahoe Donner Association

AUTHORIZED SIGNATURE

NAME (PRINT)

TITLE

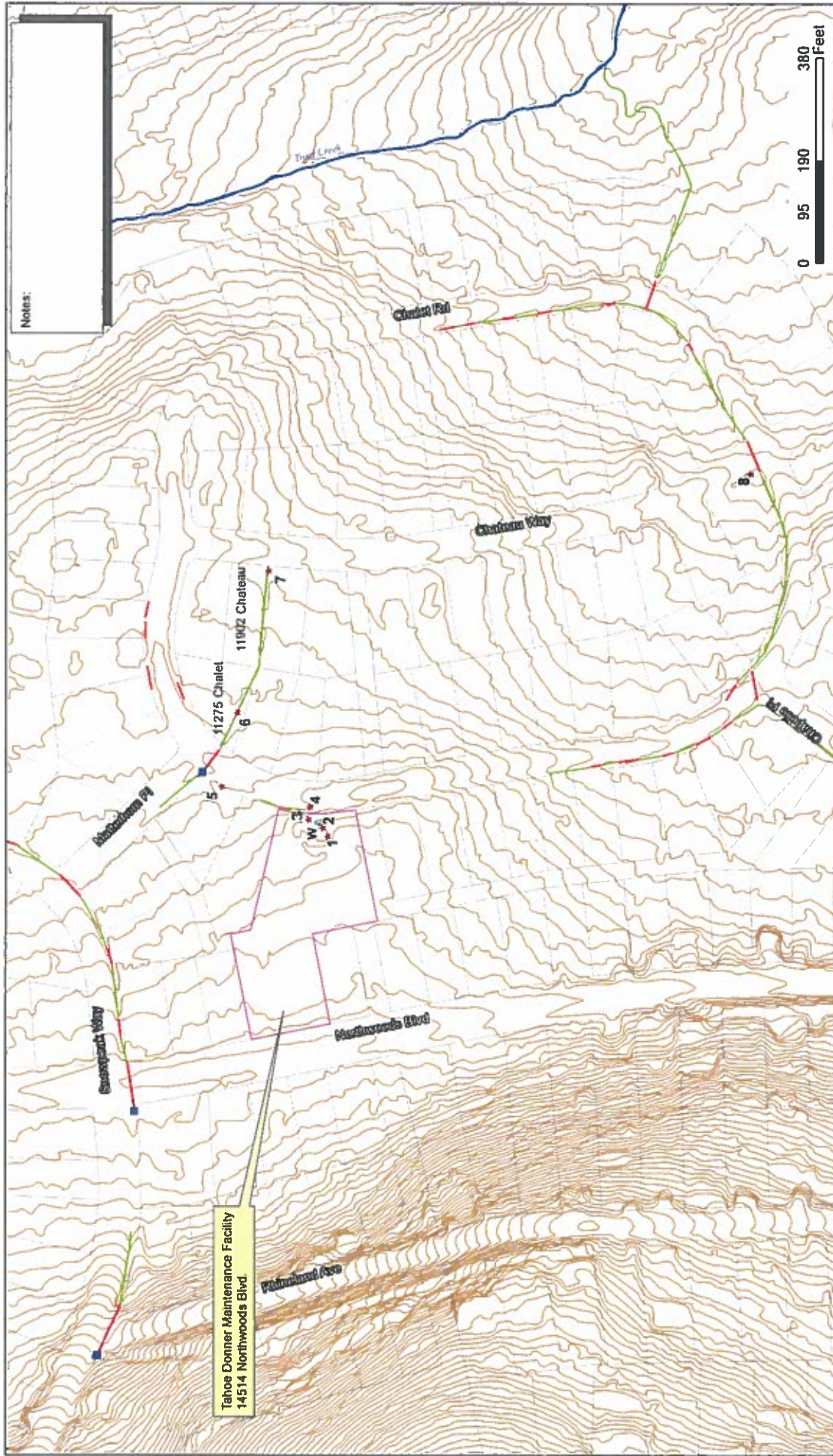
DATE

Annie Rosenfeld

Annie Rosenfeld

Director of Risk

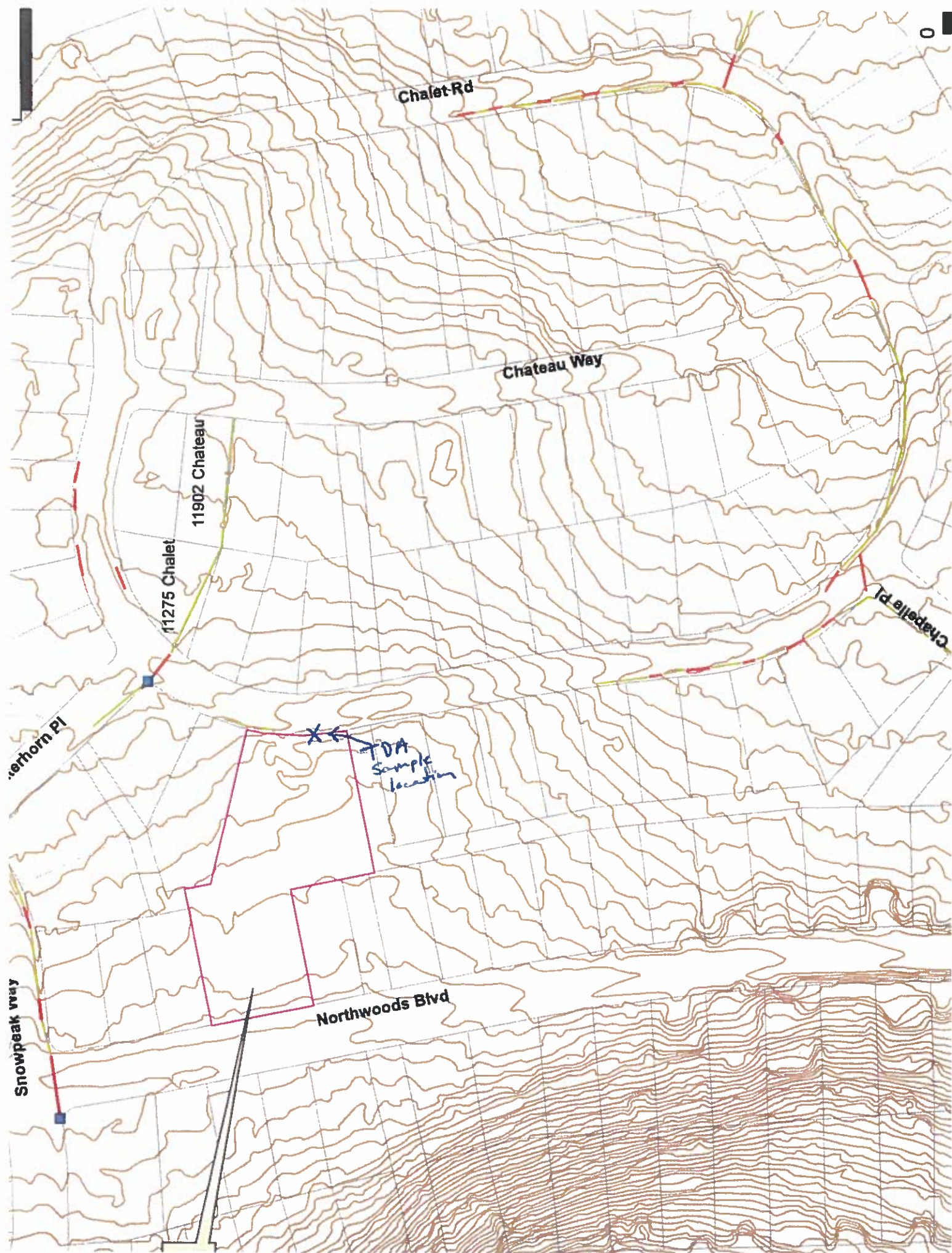
7/13/17



Tahoe Donner
Illicit Discharge - June 2017

Incident Site

Soil Sampling Locations (8)
 Water Sampling Locations (1)
 Ditch
 Culvert
 2 R Curvature
 Manhole





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 black ink that reads "Roger Scholl". The signature is written in a cursive, flowing style.

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

BatchID: 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	2.57	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	SampType	MS	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	20757
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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

BatchID: A1308

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

BatchID: A1308

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

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
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	6.7	30	
trans-1,2-Dichloroethene	50.7	5	50.00	0	101	68.51	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-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	8.2	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



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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				
Bromoform	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				
1,1,2,2-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

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 SW8280B		Analysis Date 5/23/2017	SeqNo 19683						
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surf 4-Bromofluorobenzene	50.1		50.00		100	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: 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		0.01		92.8	69.51	130.49				
Surr: Toluene-d8	0.0108		0.01		108	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.01		0.01		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 Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

TPH-P (GRO)	0.363	0.05	0.4	0	90.8	69.51	130.49				
Surr: 1,2-Dichloroethane-d4	0.00919		0.01		91.9	69.51	130.49				
Surr: Toluene-d8	0.0104		0.01		104	69.51	130.49				
Surr: 4-Bromofluorobenzene	0.0102		0.01		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	0.25	2	0	86.9	53.51	143.49	1.39	22	23	
Surr: 1,2-Dichloroethane-d4	0.0513		0.05		103	69.51	130.49	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 Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%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.



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Definition Only

WO#: 1705235

Date:

Definitions:

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_HEM_W	TPHE_W	TPHP_W	TSS_W	VOC_W	
TDA1705235-01	A discharge	AQ	5/22/2017 2:00:00 PM	6	0	10	C - X	A - TPHE_C	A - GAS-C	B - TSS	A - B260_Cs	

Comments: No IDs, dates or times on bottles.

Logged in by: <u>K Murray</u>	Signature <u>K Murray</u>	Print Name <u>K Murray</u>	Company <u>Alpha Analytical, Inc.</u>	Date/Time <u>5/22/17 1525</u>
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Page 19 of 10

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

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. The report for the analysis of the above samples is applicable only to those samples received by the laboratory with this COC. The liability of the laboratory is limited to the amount paid for the report.

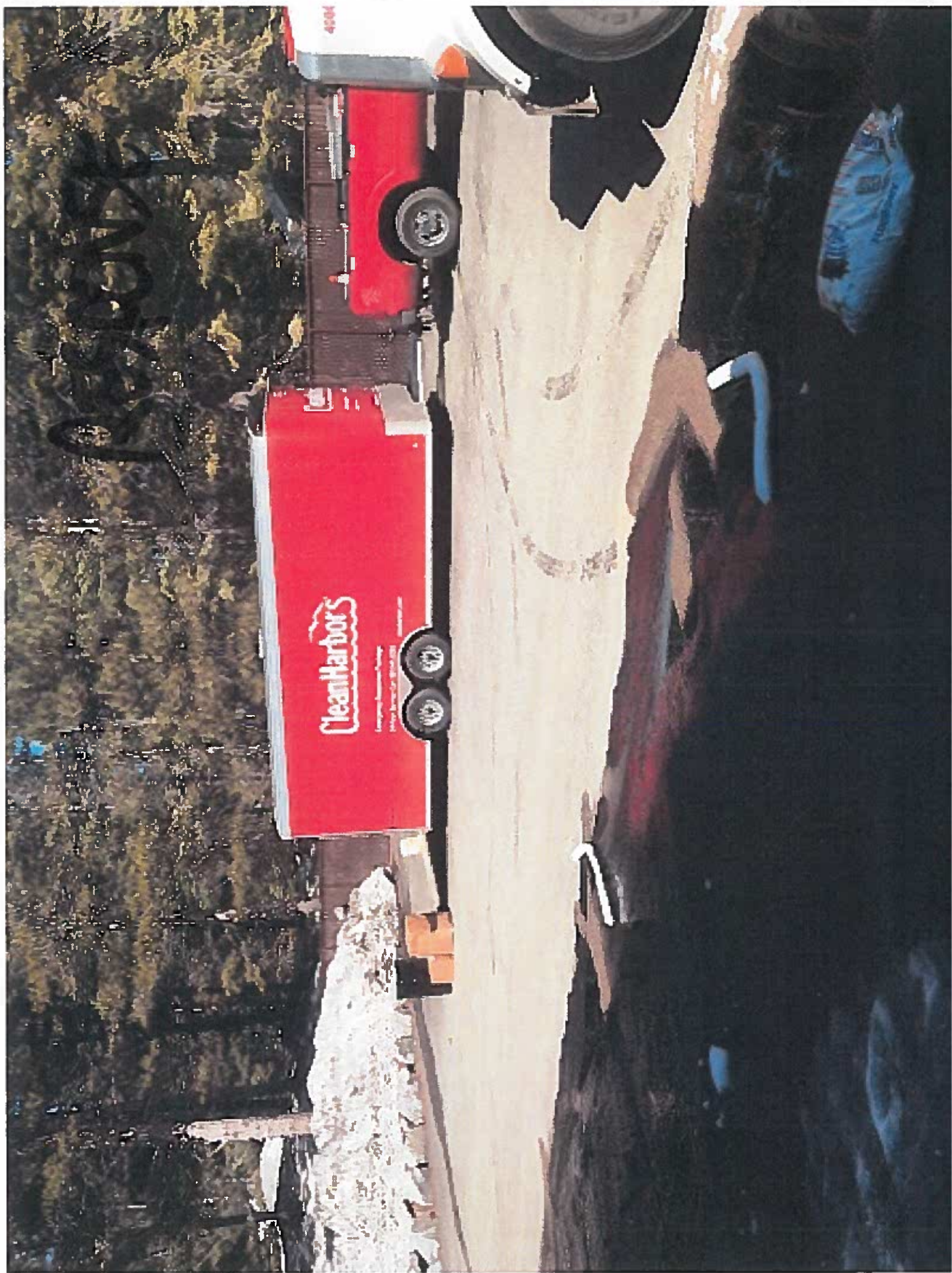
HEAVY SNOW

CAUSED ROOF VENT

LEAK

WENT OUT





spill extent and clean-up

