County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division

1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479
www.EHinfo.org

OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Goodyear Tire & Rubber Co. **Inspection Date:** 8/28/8

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
G400	Observed (4) empty 16-gallon contaminated containers & (6) 55-gallon contaminated Drums in the outside storage area next to the waste oil tank. None of these containers had empty dates marked on them. Use the labels provided to you to provide empty dates on the containers Operator stated that containers have been on site for more than one year. Contact a Drum recycler/reconditioner to remove & properly manage your empty containers.	Safety Kleen Empty Removed 9/11/08 Drums in outside Storage area next to waste oil tank 09-18-08
H12	(3) 16-gallon used filter containers in the service bay area unlabelled. (1) large used filter bin in the outside storage area was unlabelled. Use the labels provided to you to properly label your used filter Drums.	Labeled used filter containers in service area & Labeled Large used filter bin Outside 09/01/08

Received by: El Espor #71 Inspected by: Richard Owens

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

County of Santa Clara

Department of Environmental Health
Hazardous Materials Compliance Division (HMCD)
1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479 www.EHinfo.org

COMPTA ID	SC	T
FR0313972	2205	01

OFFICIAL NOTICE OF INSPECTION

Facility Name: Goodyear Tire & Rubber Co.	Inspection Date: 8/28/8
Site Address: 10934 N. De Anza BLVD. Cupertino	Employee No.: 4656
Contact Person(s): AL ESPINOZA	☐ Samples Taken ☐ Photographs Taken

Inspection Type: ☐ Hazardous Materials Storage ☐ HazMat Business Plan ☐ Underground Storage Tank ☐ A/G Storage Tank (SPCC Plan) ☒ Hazardous Waste Generator ☐ HazWaste Tiered Permit ☐ Cal-ARP ☐ Toxic Gas

Hazardous Waste Generator Type: ☐ < 1,000 Kg./mo. ☒ ≥ 1,000 Kg./mo. ☐ CESQG ☐ Satellite Only ☐ Silver Only ☐ N/A

VIOLATIONS: Codes noted below in the "Violation Codes" column represent specific violations of State law and/or local Ordinance. These codes are defined in the attached Violation Codes document(s). Time granted for correction of violations does not preclude any enforcement action by this Department or other agencies. This facility may be subject to reinspection at any time. Consent to Inspect Given By: AL ESPINOZA

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
G020	The following hazardous waste containers were NOT properly labelled:	
	A) 6 - Mobile waste oil drains with funnels were unlabelled	
	B) 4 - 55-gallon waste coolant drums had blank labels on them. Use the labels provided to you to properly label your waste containers.	
G023	Observed four 55-gallon waste coolant drums that were open. Secure the drum bungs to the bung holes for sealed storage.	
G100/ G101	Remove/relocate items stored on top of your waste coolant drums. Installed the release of waste coolant from the secondary containment back into the waste drums. Doing this facilitates detection of releases & inspection of drums.	

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25404.1.2(c)(1) of California Health and Safety Code (HSC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance and submit it to HMCD within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. ***(Note: Detailed instructions on actions you must take are printed on the reverse side of this page.)***

Received by: [signature] #71 Inspected by: Rick Owens Entered by: Rick Owens

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: ___/___/___

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

THE OFFICIAL NOTICE OF INSPECTION EXPLAINED

This Official Notice of Inspection (NOI) describes the findings made during the inspection, including all violations and any actions that must be taken by the facility to correct the violations. All violations must be corrected within 30 days of the inspection date unless noted otherwise by the inspector.

Within five working days of achieving compliance, or within 35 days of the inspection, whichever comes first, you must submit a written response which describes the corrective actions you have taken or — for those violations which are impossible to correct within 30 days — propose to take in order to bring your facility into compliance. Where proposed corrective actions are described, you must specify a date by which you expect each violation to be corrected. After you have addressed each violation, complete the certification box located at the bottom of page 1 of the NOI. **Your description of corrective actions taken, along with your signed certification of the NOI and any required supporting documents, will serve as your written response to this Notice to Comply.** Your response must be mailed to Santa Clara County Hazardous Materials Compliance Division (HMCD) at 1555 Berger Drive, Suite 300, San Jose, CA 95112-2716. The effective date of the certification that any violation has been corrected is the date that it is postmarked.

What Does the Information in Each Column Mean?

Violation Code: Codes listed in this column identify specific violations of laws, regulations, or codes which were observed during this inspection. Definitions of Violation Codes are listed on the attached Violation Codes document(s).

Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions: Information noted in this column describes the circumstances of any violations noted in the first column and describes how the violations may be corrected. Additionally, the inspector may use this space to note any additional observations resulting from the inspection.

Corrective Actions Taken: This column on the NOI has been provided so that you can note how you have corrected or propose to correct each violation. Where proposed corrective actions are described, you must specify a date by which you expect each violation to be corrected. If more space is needed, attach additional pages.

Why Were Two Copies of the Notice of Inspection Given to Me?

You have been given two copies so you will have a copy for your own records after you submit your written response to HMCD. **Do not separate the copies until you have described all of your corrective actions and signed the certification box on page 1. The yellow copy of each page must be returned to HMCD. The pink copy is for your records.**

What if I Disagree With a Violation Noted on the Notice of Inspection?

If you disagree with any violation listed in this NOI, you must submit a written Notice of Disagreement to HMCD within 30 days of the inspection date. Address such notices to the attention of the inspector who cited the violation. In your Notice of Disagreement, you must explain in detail why you believe the violation does not exist. If there is sufficient space, you may use the "Corrective Actions Taken" column of this NOI to dispute violations.

What About Photographs or Samples Taken During the Inspection?

If samples were taken, split samples will be given to you upon request. Since this NOI was prepared and given to you at the end of the inspection, any photographs and sampling or laboratory results associated with the inspection were not yet available. A copy of any photographs and/or analytical results from sampling taken during this inspection will be provided to you upon written request. Other pertinent information derived from the inspection is attached to this NOI. Photographs and sample results may be withheld in the event of a criminal investigation or other ongoing investigation.

****

- **Per HSC §§25187.8(b) and 25404.1.2(c), failure to sign the certification on this Notice to Comply and return it to HMCD is a violation of State law.**
- **Per HSC §25404.1.2(c)(2), a false statement that compliance has been achieved is a misdemeanor.**
- **Per HSC §25191(b), a false statement that hazardous waste compliance has been achieved is a violation of State law punishable by a fine of not less than $2,000 or more than $25,000 and/or imprisonment in the county jail for up to one year.**
- **Per HSC §§25299(a)(8) and (b)(7), a false statement that underground storage tank compliance has been achieved is a violation of State law punishable by a fine of not less than $500 or more than $5,000.**
- **Per HSC §§25187.8(i), HMCD has the right to require the submittal of reasonable and necessary documentation in support of any claim of compliance made by your facility.**

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division

1555 Berger Drive, Suite 300
San Jose, CA 95112-2716
(408) 918-3400 Fax (408) 280-6479
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OFFICIAL NOTICE OF INSPECTION
(Continuation Page)

Facility Name: Goodyear Tire & Rubber Co. **Inspection Date:** 8/28/8

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
G112	1 fire extinguisher was undercharged. Recharge the extinguisher.	
G114	Remove the containers/equipment away from the waste oil tank to facilitate tank inspections & promote access for emergency personnel	
G312	Emergency Coordinators changed several months ago & changes to the contingency plan were not made. Update your plan to show current emergency coordinators	
G320	Obtain hazardous waste management training from a qualified professional & ensure that the training is refreshed annually.	
G321	Provide hazardous waste training documentation for each employee & maintain records on site for review (example training record was provided).	
G340	Your waste oil tank does not have a tank assessment. Obtain a current written hazardous waste tank system assessment certified by a Professional Engineer	
G343	Waste oil tank inspections are being correctly performed. Increase frequency of inspections to daily & record observations in an inspection log. Clean up the waste oil tank releases from the top of the waste oil tank & from the tank secondary containment.	

Received by: Al [signature] #71 Inspected by: [signature]

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

HMCD-015 - 1/1 Rev. 11/19/01

2054 REV 11/01

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division

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OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Goodyear Tire & Rubber Co. **Inspection Date:** 8/28/8

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
G400	Observed (4) empty 55-gallon contaminated containers & (6) 55-gallon contaminated empty Drums in the outside storage area. NEXT to the waste oil tank. None of these containers had empty dates marked on them. Use the labels provided to you to provide empty dates on the containers Operator stated that containers have been on site for more than one year. Contact a Drum recycler/reconditioner to remove & properly manage your empty containers.	
G412	(3) 55-gallon used filter containers in the service bay were unlabelled. (1) large used filter bin in the outside storage area was unlabelled. Use the labels provided to you to properly label your used filter DRUMS.	

Received by: Cal Espor #71 Inspected by: Richard Evans

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

ENTERED MAR 0 6 2000

County of Santa Clara

Department of Environmental Health
Hazardous Materials Compliance Division
2220 Moorpark Avenue
P.O. Box 28070
San Jose, CA 95159-8070
(408) 299-6930 Fax (408) 280-6479

Program Record ID	[illegible]	SC	Time
313936	2205	02	150

OFFICIAL NOTICE OF INSPECTION

Facility Name:	Goodyear Tire + Rubber Company	Inspection Date:	2/2/2000
Site Address:	10931 N. De Anza Blvd. Cupertino	Work Area:	
Contact Person(s):	John Scaiano - Store Manager	Employee No.:	4658
Inspection Type:	☐ Hazardous Materials ☒ Hazardous Waste ☐ Toxic Gas ☐ Cal-Accidental Release Prevention Program - ☐ Medical Waste Storage/Treatment ☐ Medical Waste Generator	Samples Taken? ☐ Yes; ☒ No. Photographs Taken? ☐ Yes; ☒ No.	

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waste generator > 1000 kg / month

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
	inspection (initial) 1/31/00 ; concluded 2/2/00	
2206-C	waste oil tank (AG) not labeled w/ "Hazardous Waste" + accumulation start date — corrected by 2/2 inspection	
2206	5 + roll-around waste oil containers (15 gals.) - missing hazardous waste labels: start date may read "empties daily"	
2209-C	spill of waste oil around oil filter storage area (this was cleaned up by 2/2/00	
2209	significant amt. of waste oil noted in 2nd containment	
2212	of waste oil tank . 2nd containment must be kept dry (per Fire Dept. storage ordinance). Not cleaned up w/in 8 hours.	
2210	weekly inspections of waste storage areas not conducted.	
~~2215~~ & 2259	waste oil tank not inspected daily to detect leaks, improper working order, to detect leaking of fixtures or seams. Any spill that is not cleaned up in 2nd containment w/in 8 hours is a reportable spill.	

All violations must be corrected within 30 days of the inspection date unless noted otherwise, above. Section 25187.8 of the State Health and Safety Code (H&SC) requires that you write a brief description of the corrective actions you have taken to bring this facility into compliance and submit it to this Department within 5 days of achieving compliance, or within 35 days of the inspection date, whichever comes first. *(Note: Detailed instructions on actions you must take are printed on the reverse side of this page.)*

Received by: [signature] Inspected by Stephanie Christensen Entered by: _____

Certification: I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator: _____ Title: _____ Date: 2/2/00

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

CB

THE OFFICIAL NOTICE OF INSPECTION EXPLAINED

This Official Notice of Inspection (Notice of Inspection) describes the findings made during the inspection, including all violations and any actions that must be taken by the facility to correct the violations. All violations must be corrected within 30 days of the inspection date unless noted otherwise by the inspector.

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What About Photographs or Samples Taken During the Inspection?

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Hazardous Waste Violations

- **Per H&SC, Section 25187.8(g)(1), failure to sign the certification on this Notice of Inspection and return it to this Department is a violation of State law.**
- **Per H&SC, Section 25191, a false statement that compliance has been achieved is a violation of State law punishable by a fine of not less than $2,000 or more than $25,000 and/or imprisonment in the county jail for up to one year.**
- **Per H&SC, Section 25187.8(j), this Department has the right to acquire the submittal of reasonable and necessary documentation in support of any claim of compliance made by your facility.**

County of Santa Clara
Department of Environmental Health
Hazardous Materials Compliance Division

2220 Moorpark Avenue
P.O. Box 28070
San Jose, CA 95159-8070
(408) 299-6930 Fax (408) 280-6479

OFFICIAL NOTICE OF INSPECTION

(Continuation Page)

Facility Name: Goodyear Tire + Rubber Company 10931 N. De Anza Blvd., Cu **Inspection Date:** 2/2/2000

Violation Codes	Summary of Violations, Notice to Comply, Observations, and Required Corrective Actions	Corrective Actions Taken
2219	Manifest # 98210606 - 10/21/98; # 98684460 - 4/21/99;	
	# 98684461 - 4/21/99 — Blue copy of manifest not	
	sent to DTSC w/in 30 days.	
2281	1 - 55 gal drum waste antifreeze to be recycled	
	on-site - not labeled "excluded recyclable material"	
	w/ generator name + address, composition (contents),	
	hazardous property (toxic) accumulation start date.	
2283	NO log or record kept on amount of antifreeze	
	recycled + dates, on-site.	
22510	Hazardous waste management training not provided;	
	No training records.	
	Coolant recycled on-site 55 gals every 6 months	
	oil water separator sludge - @ approx. 530 gals/year	
	solvent recycled - 56 gals/year	
	waste oil 150 - 400 gals per month generated.	

Received by: [signature] Inspected by: Stephanie Chatburn

FACILITY SENDS YELLOW COPY TO AGENCY, KEEPS PINK COPY.

B

COUNTY OF SANTA CLARA
ENVIRONMENTAL RESOURCES AGENCY
HAZARDOUS MATERIALS COMPLIANCE DIVISION

ENTERED NOV 14 1997

2220 Moorpark Avenue
San Jose, CA 95128
(408) 299-6930

OFFICIAL NOTICE OF INSPECTION

DBA/Name	Facility ID #	Hours	Service Code	Date
GOODYEAR TIRE & RUBBER CO.				11/6/97
Address: 10931 N. DE ANZA BL, CUPERTINO	313936	240	1	Work Area Location: 613
Contact Person: STEVE NURENBERG				Emp#: 4678
Additional Information				Prog/Elem: 2205
				Permit Exp. Date

- ☐ Hazardous Materials
- ☑ Hazardous Waste
- ☐ Toxic Gas
- ☐ Medical Waste Storage & Treatment
- ☐ Medical Waste Generator
- ☐ Risk Management and Prevention Program

New Violations / Notice to Comply:

VC 2206 & 2282:

Waste oil tank - tank must be labelled with: words "HAZARDOUS WASTE"
accumulation start date

4 oil drums must be labelled with: words "HAZARDOUS WASTE"
facility name & address
accumulation start date
waste composition
Hazardous properties & physical state of waste

1x 55 gallon spent antifreeze must be labelled similar to oil drums
except that words "HAZARDOUS WASTE" are replaced with "EXCLUDED
RECYCLABLE MATERIAL".

VC 2253: Contingency / emergency response plan must be updated
to include emergency procedures & evacuation procedures & routes.

Received by: _____ Inspected by: Mary Anne J. Baker

Page 1 of 3

Mailing Address: Dept. of Environmental Health
Hazardous Materials Compliance Division
P.O. Box 28070
San Jose, CA 95159-8070

Entered by: _____

HMCD 1/94
264

white - HMCD yellow - Facility pink - Staff

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
2220 Moorpark Avenue
San Jose, California 95128
(408) 299-6930
FAX (408) 280-6479

☐ **HAZARDOUS MATERIALS STORAGE**
☑ **HAZARDOUS WASTE GENERATOR**
OFFICIAL NOTICE OF INSPECTION

DATE 11/6/97

DBA/NAME Goodyear Tire & Rubber

Comments: (see marked violations on page 1) Inspection must be recorded

VC 2259: Waste oil tank must be inspected daily & the items on checklist which should be included in daily inspection.

Other (1):
1) Antifreeze spills observed in parking lot, ~~and~~ around the antifreeze storage area leading outside building and in one of the service bays.
2) Waste oil spills observed in area where waste oil is siphoned to tank.
Spills must be properly cleaned up immediately. Rags cannot be used to clean anything other than minor leaks which will not saturate rags. Mop water ~~and~~ bucket used to clean spills cannot be discharged to drain leading to oil/water separator. Instead, the water contents of the bucket must be handled as hazardous waste.

VC 2265: Used ~~as~~ waste antifreeze container sitting outside waste oil storage area. Container must be labelled with date emptied & must be disposed or sold within 1 year of date emptied. If sold, obtain & keep copy of proof of sale.

VC 2268: Waste oil observed in lids of drained oil filter drum.

Received by:

Inspected by:
Mary Anne J. Bly
Hazardous Materials Compliance Division

Samples taken? Yes (No)

Photos taken? Yes (No)

90

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
2220 Moorpark Avenue
San Jose, California 95128
(408) 299-6930
FAX (408) 280-6479

☐ **HAZARDOUS MATERIALS STORAGE**
☑ **HAZARDOUS WASTE GENERATOR**
OFFICIAL NOTICE OF INSPECTION

DATE 11/6/97

DBA/NAME Goodyear Tire & Rubber

Comments: (see marked violations on page 1)

Keep lid free of waste oil.

Other (1) additional:

3) Waste oil observed in secondary containment of waste oil tank. Siphon out waste oil & keep secondary containment free of waste oil.

VC 2280:

Waste antifreeze recycled on site (~ 45 gallons / month).
Complete & submit recycling notification.

Correct all violations within 30 days. Within 35 days, submit a letter indicating how above violations were corrected. Include the completed recycling notification.

Upon completion: Waste disposal receipts / manifests for waste oil, safety Klean solvent, drained oil filters must be separated from other billing receipts so they can be easily made available during inspections.

Hazardous waste labels to be mailed to facility.

Received by:

Inspected by:
Mary Anne D. Bolz
Hazardous Materials Compliance Division

Samples taken? Yes No
Photos taken? Yes No

97

MR. Reisich Please return completed application by Feb. 11, 1994 or Fax copy of current County permit

County of Santa Clara

Bill Grimes 7000

Environmental Resources Agency
Department of Environmental Health

Hazardous Materials Compliance Division
2220 Moorpark, Avenue, East Wing, Room 204
San Jose, California 95128-2690
(408) 299-6930 FAX 280-6479

505838/AB
3-3-94

OFFICIAL USE ONLY
BC: 2213-A
WA: 613
LC: 5
CT: 78.01
PS: 1
KG: 1043

4958G
3-31-95

Bill

HAZARDOUS WASTE GENERATOR PERMIT APPLICATION

Business Name (DBA): The Goodyear Tire & Rubber Co
DBA Location Address: 10931 North De ANZa Blvd, Cupertino, CA 95014
Mailing Address (if different): Same
Proprietor/Billing Name: Same
Billing Address (if different from mailing address): _____

Business Phone: 408-255-2166 Hours of Operation: 7:00 AM To 7:00 PM
Contact Person: MIKE REISICH Contact Phone: 408-255-2166
Type of Business: Tire & Auto Repair EPA ID Number: 000013487
Primary SIC (Standard Industrial Classification) Code: _____ Secondary SIC Code: _____
List any other permits you currently have for the storage, treatment and/or disposal of hazardous waste: Ø

The annual permit fee is determined by the quantity of hazardous waste generated per year. Check [X] the one line below that best describes the amount and kind of waste generated by your business over the past year.

Hazardous Waste Generated		Hazardous Waste Business Code
[ ]	Recycles Waste Oil Only - any amount.	2212 A
[ ]	Generates less than 100 kg/yr *(Approx. 27 gallons).*	2212 B
[X]	Generates less than 5 tons/year.	2213 A
[ ]	Generates 5 to less than 25 tons/year.	2213 B
[ ]	Generates 25 to less than 50 tons/year.	2213 C
[ ]	Generates 50 to less than 250 tons/year.	2213 D
[ ]	Generates 250 to less than 500 tons/year.	2213 E
[ ]	Generates 500 to less than 1,000 tons/year.	2213 F
[ ]	Generates 1,000 to less than 2,000 tons/year.	2213 G
[ ]	Generates 2,000 or more tons/year.	2213 H

The undersigned hereby applies for a hazardous waste generator permit from the County of Santa Clara and agrees to comply with all applicable hazardous waste regulations and with inspectional procedures needed to insure compliance.

Mike Reisich Manager — Signature of Owner/Operator, Title

2-8-94 — Date

County of Santa Clara
Department of Environmental Health
Hazardous Materials Compliance Division (HMCD)
1555 Berger Drive, Suite 300, San Jose, CA 95112-2716
Phone (408) 918-3400 Fax (408) 280-6479 www.EHinfo.org/hazmat

REVIEWED
By Ruben.Williams at 8:22 am, Sep 11, 2017

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739
Facility Name: GOODYEAR TIRE & RUBBER CO
Site Address: 10931 N DE ANZA BL, CUPERTINO, CA 95014

Inspection Date: 09/08/2017

HW Generator Type: >=1000 KG/MO.
Consent to Inspect Granted By: ALBERT ESPINOZA, SERVICE MANAGER

☐ **RCRA LQG**
☐ **Pictures Taken**
☐ **Samples Taken**

Summary of Violations & Notice to Comply

Program: PR0313936 - HAZARDOUS WASTE GENERATOR - 2205
Inspection Type: ROUTINE INSPECTION

VC	Class	Violation	Corrective Actions Taken
G010	II	**HAZARDOUS WASTE DETERMINATION [3030005]** Facility failed to determine whether a waste is a hazardous waste. ***Observed 1 x 55 gallon drum in the waste storage room. Per facility, they were unsure what the contents were. Make a hazardous waste determination and if determined to be hazardous manage accordingly.*** Determine whether the waste is hazardous using generator knowledge, or by having the waste analyzed by a state-certified environmental laboratory. Submit the results of your determination, including any laboratory reports, to HMCD. A list of state-certified laboratories is available at www.waterboards.ca.gov/drinking_water/certlic/labs/documents/elap_certified_hazardous_waste_labs.pdf . Cease any disposal of the waste as non-hazardous waste until the determination is complete. Keep all hazardous waste determination documents for at least 3 years from the date the waste was last shipped. [CCR 66262.11]	
G020	M	**MARKING OF HAZARDOUS WASTE [3030007]** Facility failed to properly mark a hazardous waste tank and/or container. ***The following containers were missing complete hazardous waste markings:*** ***3 x 15 gallon used oil rollers*** ***1 x 120 gallon container of waste coolant*** Mark all hazardous waste tanks with the words "HAZARDOUS WASTE" and the accumulation start date. Mark all hazardous waste containers and portable tanks with the words "HAZARDOUS WASTE;" the accumulation start date; the name and address of the generator; and the composition, physical state, and hazardous properties of the waste. Additionally, mark used oil containers, aboveground tanks, and fill pipes for underground tanks with the words "USED OIL." [CCR 66262.34(f), 66279.21(b)]	
G035	II	**ACCUMULATION TIME: POINT OF GENERATION [3030057]** Facility accumulated hazardous waste at the point of generation for longer than the allowed time limit. ***Observed 1 x 15 gallon container of waste brake fluid with an accumulation start date of 10/28/15.*** Make arrangements for the immediate removal of the waste. Submit to HMCD a copy of the manifest or consolidated manifest receipt demonstrating that the waste was removed. Ensure that point of generation wastes are not held on-site for longer than one year, or the applicable accumulation time limit (90/180/270 days) after the date the quantity limit was reached, whichever comes first. The quantity limit for each wastestream is 55 gallons for hazardous waste, or 1 quart for acutely/extremely hazardous waste. [CCR 66262.34(e)(1)(B)]	

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739 **Inspection Date:** 09/08/2017
Facility Name: GOODYEAR TIRE & RUBBER CO
Site Address: 10931 N DE ANZA BL, CUPERTINO, CA 95014

Summary of Violations & Notice to Comply

VC	Class	Violation	Corrective Actions Taken
G052	M	**CONSOLIDATED MANIFESTING: RECEIPT RETENTION [3010]** Facility failed to keep a consolidated manifest receipt for at least 3 years from the date of shipment. ***Per facility waste coolant is disposed of once a month. Disposal records for waste coolant were unavailable for review except for one dated 7/14/17.*** Obtain copies of all missing receipts noted above from your hazardous waste hauler. [HSC 25160.2(b)(3)]	
G110	M	**MAINTENANCE AND OPERATION OF FACILITY [3030030]** Facility is not maintained or operated in a manner to minimize the possibility of a fire, explosion, or any unplanned release of hazardous waste to air, soil, or surface water that could threaten human health or the environment. ***Observed saturated absorbent on the floor surrounding the secondary containment and free flowing amounts of used oil in the secondary containment areas. Per facility, the absorbent has been accumulating there "for years" Ensure that secondary containment and surrounding areas are clean and free of saturated absorbent and free flowing liquids to minimize the event of an unplanned release into the environment.*** Maintain and operate the facility in a manner that minimizes potential emergencies and unplanned releases. [CCR 66265.31, CFR 265.31]	
G340	II	**TANK SYSTEM ASSESSMENT:INSTALLATION [3010025]** Facility failed to obtain or keep on file a current and complete written hazardous waste tank system assessment prepared at the time of installation of the tank. ***Per facility, a tank assessment has not been performed for the 1 x 220 gallon used oil tank.*** Make arrangements to have the tank system assessed by an appropriate Professional Engineer (PE) who is knowledgeable of hazardous waste tank system requirements. Provide a specific date by which the assessment is expected to be completed. Upon completion of the assessment, submit a copy of the final report to HMCD. [CCR 66265.191(a), 66265.192(a), 66265.192(h)]	
G343	M	**TANK INSPECTIONS [3030029]** Facility could not demonstrate that hazardous waste tanks are being inspected daily as required. ***Observed incomplete entries in the daily tank log inspection book attached to 1 x 220 gallon used oil tank. Per facility daily inspections are not being conducted.*** Perform and document hazardous waste tank inspections daily. Inspections must cover: 1) overfill/spill control equipment; 2) aboveground portions of the tank system; 3) data gathered from monitoring and leak detection equipment; 4) construction materials and the area immediately surrounding the tank system; and 5) the level of waste in the tank, for uncovered tanks. [CCR 66265.195]	

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739
Facility Name: GOODYEAR TIRE & RUBBER CO
Site Address: 10931 N DE ANZA BL, CUPERTINO, CA 95014
Inspection Date: 09/08/2017

Summary of Violations & Notice to Comply

VC	Class	Violation	Corrective Actions Taken
G403	II	**MANAGEMENT OF CONTAMINATED CONTAINERS [3030058]** Facility improperly treated, managed, or disposed of a hazardous materials container that was not empty because it still contained a pourable or scrapeable quantity of hazardous material that upon disposal meets the definition of a hazardous waste. ***Observed 1 x quart bottle of injection fluid in the trash with pourable amounts of product present. Ensure that all containers under 5 gallons are completely empty of free flowing liquids and scrap able material before disposal.*** Thoroughly empty hazardous material/waste containers prior to treating, managing, or disposing of them, when allowed under empty container management standards. If a container cannot be emptied, manage it per standard hazardous waste requirements. [CCR 66261.7(b)]	

Comments: On site to conduct a routine hazardous waste inspection
Areas inspected include service bays, back storage room, hazardous waste accumulation areas and dumpsters

Observed the following wastes on site:
1 x 220 gallon tank of used oil
1 x 120 gallon container of waste coolant
3 x 55 gallon drums of drained used oil filters
1 x 55 gallon drum of oily debris (paper filters)
1 x 55 gallon drum of waste absorbent
3 x 15 gallon used oil rollers
1 x 15 gallon drum of waste brake fluid (point of generation)

Fire extinguishers have had annual maintenance
Spill control is available on site
Rags are manages my UniFirst
Batteries are managed by NAPA
Brake shavings are collected and managed as scrap metal
Container areas are inspected weekly
Employee training plan and records are available in Goodyear's Online Portal
Facility's Emergency plan is available online via CERS
Disposal records were reviewed
EPA ID# CAL000013487 is active

The following violations were corrected on site:
1 x 55 gallon drum of waste oily debris was missing the start date. Start date was added during inspection

Immediately correct any violation designated as a Class I or Class II violation. Correct all other violations no later than 10/08/2017, unless otherwise noted by the inspector.

Using the space provided, write a brief description of the actions taken by the facility to correct each violation. Attach additional pages if more space is needed. Within 5 days of achieving compliance or within 35 days of the inspection date, whichever comes first, sign the certification statement below and return a copy of this report to HMCD. Time granted for correction of violations does not preclude any enforcement action by HMCD or other agencies. This facility may be subject to reinspection at any time. [Authority: HSC 25185(c), 25187.8, 25404.1.2(c)]

Received By: Albert Espinoza
Service Manager

Inspected By: EE0010435 - LOREN LIM

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739
Facility Name: GOODYEAR TIRE & RUBBER CO
Site Address: 10931 N DE ANZA BL, CUPERTINO, CA 95014

Inspection Date: 09/08/2017

Summary of Violations & Notice to Comply

Certification of Compliance

I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator	**Date**
Printed Name of Owner/Operator	**Title**

OFFICIAL NOTICE OF INSPECTION - SUPPLEMENTAL INFORMATION

This Official Notice of Inspection (NOI) documents the results of an inspection by HMCD, including a list of alleged violations, evidence in support of the alleged violations, corrective actions that must be taken by the facility, and general observations.

What am I supposed to do upon receiving a NOI?

- Correct the violations within 30 days of the inspection date, unless otherwise noted.
- In the "Corrective Actions Taken" column, write a brief description of the actions taken by the facility to correct each violation. Attach additional pages if more space is needed.
- Certify that the facility has returned to compliance by signing and dating the certification statement at the end of the report.
- Make a photocopy of the NOI and any attachments for your records.
- Within 5 days of achieving compliance or 35 days of the inspection date, whichever comes first, return the original copy of the report and any attachments to HMCD at 1555 Berger Drive, Suite 300, San Jose, CA 95112-2716.

What if there are violations that cannot be corrected within 30 days?

For each violation that cannot be corrected within 30 days, submit a written Compliance Plan describing the corrective actions you propose to take and the date by which the actions will be completed. State law grants up to 30 days to correct minor violations without penalty. Minor violations that are uncorrected after 30 days, and class I and II violations may be subject to enforcement action. To lessen the possibility of enforcement action, correct all violations as soon as possible.

What if I disagree with a violation on the NOI?

If you disagree with any violation listed in this NOI, you must submit a written Notice of Disagreement to HMCD within 30 days of the inspection date. Address such notices to the attention of the inspector who cited the violation. In your Notice of Disagreement, explain in detail why you believe the alleged violation was incorrectly cited.

What about photographs or samples taken during the inspection?

A co-located sample will be given to you upon request if adequate sample volume is available. Photographs and sample analytical results will not generally be available until after the inspection has been concluded. A copy of photographs and/or analytical results will be provided to you upon written request. Photographs and sample analytical results may be withheld in the event of a criminal investigation or other ongoing investigation.

Key to Acronyms and Regulatory Terms

XX CCR	California Code of Regulations, Title XX
XX CFR	Code of Federal Regulations, Title XX
Class	Violation classification: I = Class I violation, II = Class II violation, M = Minor violation, C = Corrected minor violation [HSC §25110.8.5, HSC §25117.6, CCR §66260.10]
DTSC	California Department of Toxic Substances Control
EPA	U.S. Environmental Protection Agency
HMCD	County of Santa Clara, Department of Environmental Health, Hazardous Materials Compliance Division
HSC	California Health and Safety Code
RCRA	Resource Conservation and Recovery Act
SCCO	Santa Clara County Ordinance Code
TSDF	Hazardous waste treatment, storage or disposal facility
UPCF	Unified Program Consolidated Form
UST	Underground storage tank
VC	HMCD violation code

Warning:

- It is a violation of State law to make a false statement that a facility has returned to compliance [HSC §25404.1.2(c)(2)].
- Making a false statement regarding a hazardous waste violation is punishable by a fine of not less than $2,000 or more than $25,000 and/or imprisonment in the county jail for up to one year [HSC §25191(b)].
- Making a false statement regarding an underground storage tank violation is punishable by a fine of not less than $500 or more than $5,000 [HSC § §25299(a)(8), 25299(b)(7)].
- HMCD has the right to require the submittal of reasonable and necessary documentation in support of any claim of compliance made by your facility [HSC §25187.8(i)].

County of Santa Clara
Department of Environmental Health
Hazardous Materials Compliance Division (HMCD)
1555 Berger Drive, Suite 300, San Jose, CA 95112-2716
Phone (408) 918-3400 Fax (408) 280-6479 www.EHinfo.org/hazmat

REVIEWED
By Loren Lim at 10:38 am, Nov 20, 2017

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739
Facility Name: GOODYEAR TIRE & RUBBER CO
Site Address: 10931 N DE ANZA BL, CUPERTINO, CA 95014

Inspection Date: 09/08/2017

HW Generator Type: >=1000 KG/MO.
Consent to Inspect Granted By: ALBERT ESPINOZA, SERVICE MANAGER

☐ **RCRA LQG**
☐ **Pictures Taken**
☐ **Samples Taken**

Summary of Violations & Notice to Comply

Program: PR0313936 - HAZARDOUS WASTE GENERATOR - 2205
Inspection Type: ROUTINE INSPECTION

VC	Class	Violation	Corrective Actions Taken
G010	II	**HAZARDOUS WASTE DETERMINATION [3030005]** Facility failed to determine whether a waste is a hazardous waste. ***Observed 1 x 55 gallon drum in the waste storage room. Per facility, they were unsure what the contents were. Make a hazardous waste determination and if determined to be hazardous manage accordingly.*** ✓ Determine whether the waste is hazardous using generator knowledge, or by having the waste analyzed by a state-certified environmental laboratory. Submit the results of your determination, including any laboratory reports, to HMCD. A list of state-certified laboratories is available at www.waterboards.ca.gov/drinking_water/certlic/labs/documents/elap_certified_hazardous_waste_labs.pdf . Cease any disposal of the waste as non-hazardous waste until the determination is complete. Keep all hazardous waste determination documents for at least 3 years from the date the waste was last shipped. [CCR 66262.11]	Please see attached letter for all corrective actions
G020	M	**MARKING OF HAZARDOUS WASTE [3030007]** Facility failed to properly mark a hazardous waste tank and/or container. ***The following containers were missing complete hazardous waste markings:*** REVIEWED *By Loren Lim at 8:34 am, Dec 12, 2017* ✓ ***3 x 15 gallon used oil rollers*** ***1 x 120 gallon container of waste coolant*** Mark all hazardous waste tanks with the words "HAZARDOUS WASTE" and the accumulation start date. Mark all hazardous waste containers and portable tanks with the words "HAZARDOUS WASTE;" the accumulation start date; the name and address of the generator; and the composition, physical state, and hazardous properties of the waste. Additionally, mark used oil containers, aboveground tanks, and fill pipes for underground tanks with the words "USED OIL." [CCR 66262.34(f), 66279.21(b)]	
G035	II	**ACCUMULATION TIME: POINT OF GENERATION [3030057]** Facility accumulated hazardous waste at the point of generation for longer than the allowed time limit. ***Observed 1 x 15 gallon container of waste brake fluid with an accumulation start date of 10/28/15.*** ✓ Make arrangements for the immediate removal of the waste. Submit to HMCD a copy of the manifest or consolidated manifest receipt demonstrating that the waste was removed. Ensure that point of generation wastes are not held on-site for longer than one year, or the applicable accumulation time limit (90/180/270 days) after the date the quantity limit was reached, whichever comes first. The quantity limit for each wastestream is 55 gallons for hazardous waste, or 1 quart for acutely/extremely hazardous waste. [CCR 66262.34(e)(1)(B)]	

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739
Facility Name: GOODYEAR TIRE & RUBBER CO
Site Address: 10931 N DE ANZA BL, CUPERTINO, CA 95014
Inspection Date: 09/08/2017

Summary of Violations & Notice to Comply

VC	Class	Violation	Corrective Actions Taken
G052	M	**CONSOLIDATED MANIFESTING: RECEIPT RETENTION [3010]** Facility failed to keep a consolidated manifest receipt for at least 3 years from the date of shipment. ***Per facility waste coolant is disposed of once a month. Disposal records for waste coolant were unavailable for review except for one dated 7/14/17.*** Obtain copies of all missing receipts noted above from your hazardous waste hauler. [HSC 25160.2(b)(3)]	
G110	M	**MAINTENANCE AND OPERATION OF FACILITY [3030030]** Facility is not maintained or operated in a manner to minimize the possibility of a fire, explosion, or any unplanned release of hazardous waste to air, soil, or surface water that could threaten human health or the environment. ***Observed saturated absorbent on the floor surrounding the secondary containment and free flowing amounts of used oil in the secondary containment areas. Per facility, the absorbent has been accumulating there "for years" Ensure that secondary containment and surrounding areas are clean and free of saturated absorbent and free flowing liquids to minimize the event of an unplanned release into the environment.*** Maintain and operate the facility in a manner that minimizes potential emergencies and unplanned releases. [CCR 66265.31, CFR 265.31]	
G340	II	**TANK SYSTEM ASSESSMENT:INSTALLATION [3010025]** Facility failed to obtain or keep on file a current and complete written hazardous waste tank system assessment prepared at the time of installation of the tank. ***Per facility, a tank assessment has not been performed for the 1 x 220 gallon used oil tank.*** Make arrangements to have the tank system assessed by an appropriate Professional Engineer (PE) who is knowledgeable of hazardous waste tank system requirements. Provide a specific date by which the assessment is expected to be completed. Upon completion of the assessment, submit a copy of the final report to HMCD. [CCR 66265.191(a), 66265.192(a), 66265.192(h)]	
G343	M	**TANK INSPECTIONS [3030029]** Facility could not demonstrate that hazardous waste tanks are being inspected daily as required. ***Observed incomplete entries in the daily tank log inspection book attached to 1 x 220 gallon used oil tank. Per facility daily inspections are not being conducted.*** Perform and document hazardous waste tank inspections daily. Inspections must cover: 1) overfill/spill control equipment; 2) aboveground portions of the tank system; 3) data gathered from monitoring and leak detection equipment; 4) construction materials and the area immediately surrounding the tank system; and 5) the level of waste in the tank, for uncovered tanks. [CCR 66265.195]	

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739
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Summary of Violations & Notice to Comply

VC	Class	Violation	Corrective Actions Taken
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Comments: On site to conduct a routine hazardous waste inspection
Areas inspected include service bays, back storage room, hazardous waste accumulation areas and dumpsters

Observed the following wastes on site:
1 x 220 gallon tank of used oil
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1 x 55 gallon drum of waste absorbent
3 x 15 gallon used oil rollers
1 x 15 gallon drum of waste brake fluid (point of generation)

Fire extinguishers have had annual maintenance
Spill control is available on site
Rags are manages my UniFirst
Batteries are managed by NAPA
Brake shavings are collected and managed as scrap metal
Container areas are inspected weekly
Employee training plan and records are available in Goodyear's Online Portal
Facility's Emergency plan is available online via CERS
Disposal records were reviewed
EPA ID# CAL000013487 is active

The following violations were corrected on site:
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Received By: Albert Espinoza
Service Manager

Inspected By: EE0010435 - LOREN LIM

OFFICIAL NOTICE OF INSPECTION

Facility ID: FA0200739
Facility Name: GOODYEAR TIRE & RUBBER CO
Site Address: 10931 N DE ANZA BL, CUPERTINO, CA 95014

Inspection Date: 09/08/2017

Summary of Violations & Notice to Comply

Certification of Compliance

I certify under penalty of perjury that this facility has complied with directives specified in this Notice to Comply.

Signature of Owner/Operator	**Date**
Printed Name of Owner/Operator	**Title**

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- Making a false statement regarding an underground storage tank violation is punishable by a fine of not less than $500 or more than $5,000 [HSC § §25299(a)(8), 25299(b)(7)].
- HMCD has the right to require the submittal of reasonable and necessary documentation in support of any claim of compliance made by your facility [HSC §25187.8(i)].

The Goodyear Tire & Rubber Company

200 Innovation Way
Akron, Ohio 44316 – 0001

November 2, 2017

Ms. Loren Lim
County of Santa Clara
Department of Environmental Health
Hazardous Materials Compliance Division
1555 Berger Drive Suite 300
San Jose Ca 95112-2716

Dear Ms. Lim,

This letter is in response to Official Notice of inspection for FA0200739.

G010
Drum was properly classified and shipped through Safety Kleen on 9/26/17.
Manifest A Aerosols Can is attached.

G020
We were not sure what was meant by 3x15 used oil rollers.
Here is a photo of the waste coolant label.

G035
We had this shipped off site to Safety Kleen on 9/26/17. Manifest B Brake Fluid Absorbents is attached.

The Goodyear Tire & Rubber Company

200 Innovation Way
Akron, Ohio 44316 – 0001

G052
Safety Kleen is contracted to pick up waste coolant. We have placed this waste stream on a 90 day pick up schedule.

G110
Floor around secondary containment has been cleaned. Saturated pads and clean up items shipped to Safety Kleen on 9/26. Manifest B Brake Fluid Absorbents is attached.

G340
We have contracted through our service provider to get this tank assessment completed. We expect to have this completed by the end of November. I will forward a copy to you when it is completed.

G343
Store has started the Daily Tank Inspection in October. We will inspect daily and record on log.

G403
Store has started using a bottle draining system. See photo.

The Goodyear Tire & Rubber Company

200 Innovation Way
Akron, Ohio 44316 – 0001

At Goodyear, we are continuously striving to maintain a safe and healthy work environment. If you have any questions, please contact me at 330-208-7783 or at anthony_desanto@goodyear.com.

Sincerely,

Tony DeSanto
Retail EHS Manager
Goodyear Tire And Rubber Company

BILL OF LADING/MANIFEST

1. Shipper's US EPA ID No. (If Applicable): CAL000013487 | Document No.: 79664 | 2. Page 1 of 1

3. Shipper's Name and Mailing Address: Goodyear 8773
10931 N De Anza Blvd
CUPERTINO CA 95014-0439

4. Shipper's Phone (408)255-2166

5. Transporter 1 Company Name	6. US EPA ID Number	A. Transporter's Phone
SAFETY-KLEEN SYSTEMS INC	TXR000081205	972-265-2000
7. Transporter 2 Company Name	**8. US EPA ID Number**	**B. Transporter's Phone**
CLEAN HARBORS ENVIRONMENTAL SVC INC.	MAD039322250	781-792-5000

9. Designated Facility Name and Site Address	10. US EPA ID Number	C. Facility's Phone
SJ CLEAN HARBORS SAN JOSE 1021 BERRYESSA ROAD SAN JOSE CA 95133	CAD059494310	408-441-0962

	HM	11. Shipping Name and Description	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a.	X	UN1950, AEROSOLS, 2.1, UNIVERSAL WASTE - AEROSOLS	001	DM	00080	P
b.						
c.						
d.						

15. Special Handling Instruction and Additional Information

SK SHIP# 22354851 (DT) 60110608

1)ERG#126;
24 HR EMERGENCY #1-800-468-1760 (SK / TFI)
AUTH AS "AGENT-FOR" BY GEN TO RETAIN LICENSED SUB CARRIERS AS NECESSARY

DOT/PREL A. 7823874/966206 B. C. D.
A) NONE B) C) D)

1704909612

16a. US DOT HAZARDOUS MATERIALS SHIPPER'S CERTIFICATION: "This is to certify that the above-named materials are properly classified, described, packaged, marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

Printed/Typed Name: X AL Espinoza | Signature required here if US DOT regulated: X Al Espinoza | Month: 10 | Day: 27 | Year: 17

16b. NON-REGULATED SHIPPER'S CERTIFICATION: I certify the materials described above on this form are not subject to federal regulations for Transportation or Disposal.

Printed/Typed Name | Sign here if material is not DOT regulated | Month | Day | Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Denver Jauregui | Signature: D. Jauregui | Month: 10 | Day: 27 | Year: 17

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: Greg Jensen | Signature | Month: 10 | Day: 2 | Year: 17

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of materials covered by this form except as noted in Item 19.

Printed/Typed Name: David Baker | Signature | Month: 10 | Day: 9 | Year: 17

24 HR EMERGENCY # 800-468-1760
(SAFETY-KLEEN)

ORIGINAL-RETURN TO GENERATOR

FORM NO. 01-90291 (03/2015)

SSJ SK SHIP# ~~223422352~~ 223548529

V17102073

0 0 6 1 6 2 1 0 2 S K S

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000013487	2	1-800-468-1760	006162102 **SKS**

5. Generator's Name and Mailing Address
Goodyear 8773
10931 N De Anza Blvd
CUPERTINO CA 95014-0439

Generator's Site Address (if different than mailing address)

Generator's Phone: 408-255-2166

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS INC — U.S. EPA ID Number: TXR000081205

7. Transporter 2 Company Name: CLEAN HARBORS ENVIRONMENTAL SVC INC. — U.S. EPA ID Number: MAD039322250

8. Designated Facility Name and Site Address: CLEAN HARBORS ENVIRONMENTAL SERVICES, IN
2247 S HIGHWAY 71
KIMBALL , NE 69145

U.S. EPA ID Number: NED981723513

Facility's Phone: 308-235-4012

GENERATOR

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. ~~NONE~~ NON RCRA HAZARDOUS WASTE SOLIDS, (ABSORBENTS CONTAMINATED WITH OIL), ~~N/A~~	1	DM	80	P	352
	2. NON RCRA HAZARDOUS WASTE LIQUIDS, (BRAKE FLUID)	1	DM	50	P	343
	3.					
	4.					

14. Special Handling Instructions and Additional Information TSD:KP 74779664 GO10608 CSG:

1704909612

24 HR EMERGENCY #1-800-468-1760 (SK / TFI)
AUTH AS "AGENT-FOR" BY GEN TO RETAIN LICENSED SUB CARRIERS AS NECESSARY

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Al Espinoza — Signature: [signature] — Month 9 Day 27 Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Dennis Jauregui — Signature: [signature] — Month 9 Day 27 Year 17
Transporter 2 Printed/Typed Name: Greg Jensen — Signature: [signature] — Month 10 Day 3 Year 17

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H040	~~H040~~ H141		

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Tch McIlko — Signature: [signature] — Month 10 Day 23 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

1)7912701/1370733 2)7605480/989150

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator ID Number: CAL000013407

22. Page: 2 of 6

23. Manifest Tracking Number: 006162102SKS

24. Generator's Name: Goodyear 6773

25. Transporter 3 Company Name: Bed Rock Inc. DBA BAT CO — U.S. EPA ID Number: MODOT5038998

26. Transporter 4 Company Name: Clean Harbors Environmental Services — U.S. EPA ID Number: MAD 039322250

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	TPO					

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 3 Acknowledgment of Receipt of Materials
Printed/Typed Name: Louis D. Loving
Signature:
Month: 10 Day: 12 Year: 17

34. Transporter 4 Acknowledgment of Receipt of Materials
Printed/Typed Name: Kevin Mayes
Signature:
Month: 10 Day: 13 Year: 17

DESIGNATED FACILITY

35. Discrepancy

36. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

GENERATOR

EPA Form 8700-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)	21. Generator ID Number CAL000013487	22. Page 3	23. Manifest Tracking Number 006162102SKS

24. Generator's Name: GOODYEAR 8773 — SAME

25. Transporter 5 Company Name: TS MT — U.S. EPA ID Number: MOD 095038998

26. Transporter ____ Company Name — U.S. EPA ID Number

GENERATOR

27a. HM	27b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	28. Containers No.	28. Containers Type	29. Total Quantity	30. Unit Wt./Vol.	31. Waste Codes
	TPO					

32. Special Handling Instructions and Additional Information

TRANSPORTER

33. Transporter 5 Acknowledgment of Receipt of Materials
Printed/Typed Name: RUSSELL FISHER — Signature — Month 10 Day 21 Year 17

34. Transporter ____ Acknowledgment of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

35. Discrepancy

dous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

0-22A (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

SSJ SK SHIP# 223548582 (20)

006162103SKS

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAL000013487	1	1-800-468-1760	006162103 SKS

GENERATOR

5. Generator's Name and Mailing Address
Goodyear 8773
10931 N De Anza Blvd
CUPERTINO CA 95014-0439
Generator's Phone: 408-255-2166

Generator's Site Address (if different than mailing address)

6. Transporter 1 Company Name: SAFETY-KLEEN SYSTEMS INC — U.S. EPA ID Number: TXR000081205

7. Transporter 2 Company Name: CLEAN HARBORS ENVIRONMENTAL SVC INC. — U.S. EPA ID Number: MAD039322250

8. Designated Facility Name and Site Address
THERMO FLUIDS INC
12533 SE CARPENTER DR
CLACKAMAS, OR 97015-8988
Facility's Phone: 503-788-4616
U.S. EPA ID Number: ORQ000025197

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
	1. NON-RCRA HAZARDOUS WASTE, SOLID (DRAINED/UNDRAINED USED OIL FILTERS)	2	DM	500	P	223
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
TSD:TPO 74779664 GD10608 CSG:
24 HR EMERGENCY #1-800-468-1760 (SK / TFI) 170490612
AUTH AS "AGENT-FOR" BY GEN TO RETAIN LICENSED SUB CARRIERS AS NECESSARY

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: AL Espinoza — Signature: AL Espinoza — Month 09 Day 27 Year 17

INT'L

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Denno Jauregui — Signature: — Month 09 Day 27 Year 17

Transporter 2 Printed/Typed Name: A.C. Gonzalez — Signature: — Month 10 Day 2 Year 17

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

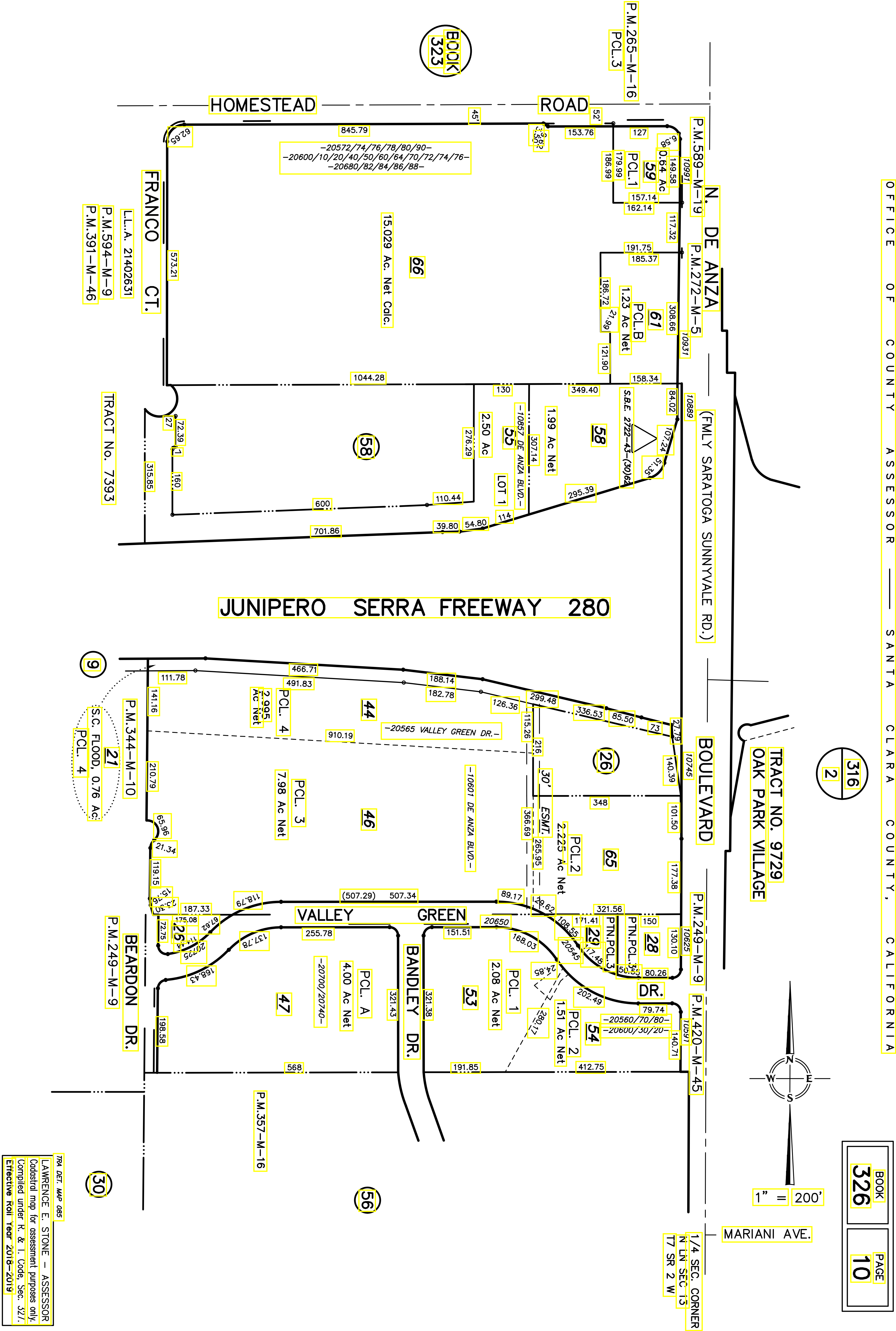
Printed/Typed Name: Jeremy Sequin — Signature: — Month 10 Day 04 Year 17

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

1)7872676/156033

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)


Used Oil
Used Oil
USED OIL
USED OIL



OFFICE OF COUNTY ASSESSOR — SANTA CLARA COUNTY, CALIFORNIA
BOOK 323
P.M.265-M-16 PCL.3
HOMESTEAD ROAD
FRANCO CT.
L.L.A. 21402631
P.M.594-M-9
P.M.391-M-46
-20572/74/76/78/80/90-
-20600/10/20/40/50/60/64/70/72/74/76-
-20680/82/84/86/88-
15.029 Ac. Net Calc.
66
P.M.589-M-19
N. DE ANZA
P.M.272-M-5
PCL.1 0.64 Ac 59
PCL.B 1.23 Ac Net 61
TRACT No. 7393
58
2.50 Ac 55
LOT 1
-10857 DE ANZA BLVD.-
1.99 Ac Net 58
S.B.E. 2722-43-(30)62
(FMLY SARATOGA SUNNYVALE RD.)
JUNIPERO SERRA FREEWAY 280
9
S.C. FLOOD. 0.76 Ac. PCL. 4 21
P.M.344-M-10
PCL. 4 2.995 Ac Net 44
-20565 VALLEY GREEN DR.-
PCL. 3 7.98 Ac Net 46
-10601 DE ANZA BLVD.-
30' ESMT.
26
PCL.2 2.225 Ac Net 65
BOULEVARD
TRACT NO. 9729 OAK PARK VILLAGE
316 2
VALLEY GREEN DR.
P.M.249-M-9
BEARDON DR.
25
20725
PCL. A 4.00 Ac Net 47
-20700/20740-
BANDLEY DR.
PCL. 1 2.08 Ac Net 53
20650
20545
PTN.PCL.3 29
PTN.PCL.3 28
PCL. 2 1.51 Ac Net 54
-20560/70/80-
-20600/30/20-
P.M.420-M-45
P.M.357-M-16
30
56
1" = 200'
MARIANI AVE.
1/4 SEC. CORNER N LN SEC 13 T7 SR 2 W
BOOK 326
PAGE 10
TRA DET. MAP 085
LAWRENCE E. STONE - ASSESSOR
Cadastral map for assessment purposes only.
Compiled under R. & T. Code, Sec. 327.
Effective Roll Year 2018-2019

APPENDIX F

QUALIFICATIONS

Christopher Olsen – Associate Consultant

Education:

BA Environmental Studies, UC Santa Barbara
MBA Santa Clara University, Leavey School of Business

Training/Licenses/Registrations:

AHERA, Asbestos Building Inspector

Summary of professional experience:

Mr. Olsen has had experience in the environmental consulting, property disclosure, and real estate due diligence industry since 1994. Mr. Olsen has performed several thousand Phase I ESAs, including Fannie Mae, Freddie Mac, HUD and FDIC scopes of work. Mr. Olsen has performed asbestos, lead-based paint, radon, and mold sampling on hundreds of Phase I ESA projects. He has completed Phase I ESA projects on all property types, including heavy and light industrial, commercial office and retail, hospitality, multi-family, mobile home parks, hospital and skilled nursing facilities, resort properties, automotive service facilities, and waste processing facilities. Mr. Olsen has several years' experience reviewing Phase I ESA reports, and conducing "desk reviews" of Phase I ESAs as a third party reviewer. Mr. Olsen has completed approximately 50 PCA reports.

Select Phase I ESA project experience for Mr. Olsen includes:

- Oakridge Shopping Center, San Jose, CA - This 1.14M SF shopping center was constructed in 1971. HRECs were identified in connection with a former auto service facility which was on site. Mr. Olsen recommended an ACM O&M plan.
- Garaventa Transfer Station, Pittsburg, CA - This 11.05 acre site is a recycling and solid waste transfer station. RECs were identified and an ACM O&M plan was recommended as well as continued groundwater monitoring and remediation per RWQCB requirements.
- Embassy Suites, South Lake Tahoe, CA - Embassy Suites is a resort hotel. No RECs were identified; however, Mr. Olsen recommended an ACM O&M plan.
- Durkee Industrial Facility, Richmond, CA - This 6.32 acre commercial/industrial property was found to have multiple RECs due to historic industrial uses. Groundwater contamination was reported. Mr. Olsen recommended continued groundwater monitoring and remediation per RWQCB requirements.
- Office Tower, 100 Van Ness Ave, San Francisco, CA - This 29 story office tower constructed in 1973 was undergoing a complete interior renovation for conversion to residential use. Several RECs were identified due to the operation of vaulted tanks without permits or tank testing documentation.
- Mixed-use Property, Oakland, CA - This 2.45 acre site consisted of ten office and retail buildings constructed between 1868 and 1881. RECs were identified in connection with undocumented former onsite contaminated soil removal. Additionally, an adjacent open SLIC case (groundwater contamination) was reported.
- Portfolio of five multi-family residential facilities, San Francisco, CA - No RECs were found while reviewing this portfolio of multi-family residential properties in San Francisco. Mr. Olsen recommended both ACM and LBP O&M plans for these properties.

Nicole Burns – Client Manager

B.S. – Occupational Safety and Health, Keene State College, Keene, New Hampshire - 2007

Ms. Burns has been in the environmental industry since 2007 and provides project management and oversight to ensure compliance and satisfaction of client requirements for Phase I Environmental Site Assessments, Real Estate Transaction Screens, Database Reviews, and other similar environmental assessments. She has successfully completed assessments on a variety of residential, agricultural, commercial and complex industrial sites. Ms. Burns is accustomed to all aspects of Due Diligence Property Assessments and the needs and requirements of a variety of reporting standards, including ASTM, EPA's All Appropriate Inquiry (AAI), Freddie Mac, Fannie Mae, and customized client formats.

Project experience for Ms. Burns includes:

- Conducted numerous Phase I Environmental Site Assessments, Environmental Transaction Screens, Regulatory Database Reviews for residential, commercial and industrial properties throughout the Northeast, Nevada and California, which included field inspections, conducting state and federal research, and interpretation of State specific environmental programs;
- Conducted groundwater monitoring activities at a closed solid waste landfill in Connecticut, which included logging and analyzing data and generating quarterly reports;
- Phase II Environmental Site Assessments and Limited Subsurface Investigations including groundwater and soil sampling activities, collection of field samples, and analyzing environmental data;
- Assisted in the operations of field logging, geotechnical surveys, environmental drilling, and sample collection at the Southern California Edison Tehachapi Transmission Project. In addition, Ms. Burns performed daily air monitoring for dust control of pesticide and herbicide contaminated soils including summarizing and evaluation of data;
- Completed AHERA accredited Building Inspector for Asbestos courses. Ms. Burns has also performed several asbestos inspections, mold inspections, and lead-based paint inspections throughout Connecticut, Massachusetts, Rhode Island, Pennsylvania, New Jersey, and New York State

As a Client Manager, Ms. Burns provides senior author services and client management, including project management and staff mentorship.

APPENDIX G

LIST OF COMMONLY USED ABBREVIATIONS

UNITS

µg/L	Micrograms per Liter	**pCi/L**	PicoCuries per Liter
mg/kg	Milligrams per Kilogram	**ppb**	Parts per Billion
mg/L	Milligrams per Liter	**ppm**	Parts per Million

ABBREVIATIONS AND ACRONYMS

ACM	Asbestos-Containing Material	**NESHAP**	National Emission Standards for Hazardous Air Pollutants
ADJ	Adjacent site	**NFA**	No Further Action
AEI	AEI Consultants	**NFRAP**	No Further Remedial Action Planned
AHERA	Asbestos Hazard Emergency Response Act	**NLR**	No Longer Reporting
APN	Assessor's Parcel Number	**NOV**	Notice of Violation
AST	Aboveground Storage Tank	**NPL**	National Priorities List
AUL	Activity and Use Limitation	**O&M**	Operations and Maintenance
bgs	Below Ground Surface	**OEC**	Other Environmental Considerations
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes	**OSHA**	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response Compensation and Liability Act	**PCB**	Polychlorinated Biphenyl
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System	**PCE, PERC**	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene
CESQGs	Conditionally Exempt Small Quantity Generators	**RCRA**	Resource Conservation and Recovery Act
COC	Contaminant of Concern	**REC**	Recognized Environmental Condition
CREC	Controlled Recognized Environmental Condition	**RP**	Responsible Party
EC	Engineering Controls	**SDS**	Safety Data Sheet
EDR	Environmental Data Resources, Inc.	**SEMS**	Superfund Enterprise Management System
EPA	Environmental Protection Agency	**SF**	Square Footage/Square Feet
ERIS	Environmental Risk Information Services	**SP**	Subject Property
ERNS	Emergency Response Notification System	**SQG**	Small Quantity Generator
ESA	Environmental Site Assessment	**SWLF**	Solid Waste Landfill
GPR	Ground-Penetrating Radar	**SVOC**	Semi-Volatile Organic Compound
HREC	Historical Recognized Environmental Condition	**TCE**	Trichloroethylene, Trichloroethene
HVAC	Heating, Ventilation and Air Conditioning	**TPH**	Total Petroleum Hydrocarbons
HWS	Hazardous Waste Site	**TPHd**	Total Petroleum Hydrocarbons (diesel range)
IC	Institutional Controls	**TPHg**	Total Petroleum Hydrocarbons (gasoline range)
LBP	Lead-Based Paint	**TPHo**	Total Petroleum Hydrocarbons (oil range)
LCP	Lead-Containing Paint	**TRPH**	Total Recoverable Petroleum Hydrocarbons
LLP	Landowner Liability Protection	**TSDF**	Treatment, Storage, and Disposal Facility
LQG	Large Quantity Generator	**USDA**	United States Department of Agriculture
LUST	Leaking Underground Storage Tank	**USGS**	United States Geological Survey
MCL	Maximum Contaminant Level	**UST**	Underground Storage Tank
MTBE	Methyl Tertiary Butyl Ether	**VCP**	Voluntary Cleanup Program
ND	None Detected	**VOC**	Volatile Organic Compound

ARTI
Applied Remedial Technologies Inc.

October 26, 2018

Jeremy Haggberg
De Anza Properties
960 North San Antonio Road, Suite 114
Los Altos, CA 94022

RE: Limited Phase II ESA Soil & Soil Vapor Sampling Results
10931 North De Anza Blvd, Cupertino, CA 95014

Dear Mr. Haggberg:

As per the request of De Anza Properties (Client), Applied Remedial Technologies, Inc. (ARTI) has prepared this letter report regarding a limited Phase II Environmental Site Assessment (ESA) related to commercial property located at 10931 North De Anza Boulevard, in Cupertino, California (Site) as shown in **Figure 1**.

FIELD ACTIVITIES

Drilling of Seven (7) Borings for Soil & Soil Vapor Sampling: ARTI drilled a total of seven (7) soil borings adjacent to and in proximity to the existing Hydraulic Lifts and existing in-ground Clarifier (or identified as an Oil/Water Separator) areas. Six (6) soil borings (B1 through B6) were drilled to a depth of approximately ten (10) feet, and adjacent to six (6) existing Hydraulic Lifts. One (1) soil boring (Boring B7) was drilled to a depth of approximately twelve (12) feet, and adjacent to the O/W (Oil/Water) Separator location (for boring locations see **Figure 2**, and for boring logs see **Appendix A**).

Additionally, the one (1) soil boring (Boring B7) located at the O/W Separator area was converted into a temporary soil vapor well for collection of soil vapor samples at two different depths using two vapor probes placed at depths of approximately 8.0 feet and 11.5 feet below ground surface(bgs), respectively.

Each boring was advanced using a truck-mounted Geoprobe direct push drill rig equipped with a macrocore sampling system. Soil cores will be collected with the macro sampling system in acetate liners under the direction of a licensed California professional (geologist/civil engineer). All soil samples were collected at bottom of each of the borings.

Geophysical Survey for Location of 200-Gallon Waste Oil UST: ARTI performed a geophysical survey within accessible areas (perimeter areas around the building structure) of the Site to evaluate the presence of the 200-gallon waste oil Underground Storage Tanks (UST). The ground penetrating radar (GPR) method used did not identify any anomalies or signatures from the scans that would suggest the presence of the UST (see **Appendix B** for the GPR survey results).

LABORATORY ANALYTICAL RESULTS

Soil Sampling Results: The soil samples collected from the seven (7) soil borings were analyzed for various contaminants of concern (COCs) by a state-certified lab as following (see **Table 1** below for a summary of the lab results shown in **Appendix C**):

- Hydraulic Lift Area – A total of six (6) soil samples (Borings B1 through B6) collected at each of the Hydraulic Lift locations were analyzed by a state-certified lab for TPH (Total Volatile Hydrocarbons) as Diesel (TPH-d) & TPH as Motor Oil (TPH-mo) per EPA Method 8015B, and PCBs (Polychlorinated Biphenyls) per EPA Method 8082.
- Oil/Water Separator Area – The one (1) soil sample collected from Boring B7 in this area was analyzed by a state-certified lab for TPH Multi-Range including Diesel, Gasoline and Motor Oil per EPA Method 8015Bm, PCBs (Polychlorinated Biphenyls) per EPA Method 8082, and VOCs (Volatile Organic Compounds) using EPA Method 8260B.

The soil sampling lab results are summarized below in **Table 1**, and indicate detection of very low levels of TPH-d and TPH-mo in the hydraulic lift areas, which however are below the San Francisco Regional Quality Control Board (RWQCB) Soil Tier 1 Environmental Screening Levels (ESLs). All other lab results for the soils including PCBs were reported below detection limits and are indicated as ND (Non-Detect).

TABLE 1 – SUMMARY OF SOIL ANALYTICAL RESULTS

SAMPLE ID	DATE	DEPTH (ft bgs)	TPH-Diesel (mg/kg)	TPH-Motor Oil (mg/kg)	TPH-Multi Range (mg/kg)	VOCs (Volatile Organic Compounds) (mg/kg)	PCBs (mg/kg)
B1-10	10/10/18	10	1.6	ND	NA	NA	ND
B2-10	10/10/18	10	4.2	ND	NA	NA	ND
B3-10	10/10/18	10	3.4	5.8	NA	NA	ND
B4-10	10/10/18	10	2.3	8.8	NA	NA	ND
B5-10	10/10/18	10	1.6	7.7	NA	NA	ND
B6-10	10/10/18	10	1.3	7.0	NA	NA	ND
B7-12	10/10/18	12	NA	NA	ND	ND	ND
TIER 1 ESLs	**-**	**-**	**230**	**5,100**	**Varies by Compound**	**Varies by Compound**	**Varies by Compound**

NOTES: 1) Tier 1 ESLs (Environmental Screening Levels) based on SFRWQCB Interim Final, Rev. 3, Feb 2016
2) ND = Non Detect
3) NA = Not Analyzed

Soil Vapor Sampling Results: The temporary soil vapor well (converted at Boring B7) located near the in-ground O/W Separator area was used to collect soil vapor samples from each of the two vapor probes placed in the well at depths of approximately 8 feet and 11.5 feet bgs. The two (2) soil vapor samples collected at the two different depths were analyzed by a state-certified lab for VOCs using EPA Method TO-15 (see **Table 2** below for a summary of the lab results shown in **Appendix C**). As shown below in **Table 2**, the results for the soil vapor samples indicate low levels of the generally concerned VOCs, which however, are below the San Francisco Regional Quality Control Board (SFRWQCB) Soil Gas Environmental Screening Levels (ESLs). In addition, several compounds other compounds, including 1,1,1-Trichloroethane, 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, 4-Ethyltoluene, Carbon Disulfide, Chloroform, Dichlorodifluoromethane and Ethylbenzene, were reported at or near non-detection limits.

TABLE 2 – SUMMARY OF SOIL VAPOR ANALYTICAL RESULTS FOR VOCS

SAMPLE ID	DATE	DEPTH (ft bgs)	TCE ($\mu g/m^3$)	PCE ($\mu g/m^3$)	Acetone ($\mu g/m^3$)	MIBK ($\mu g/m^3$)	Benzene ($\mu g/m^3$)	Toluene ($\mu g/m^3$)	Xylenes ($\mu g/m^3$)
B7-8.0	10/10/18	8.0	5.5	4.2	32.7	4.2	13.2	13.1	8.3
B7-11.5	10/10/18	11.5	2.1	3.0	8.8	ND	8.5	9.3	4.9
ESL-R	**-**	**-**	**240**	**240**	**1.5E+07**	**2.1E+05**	**48**	**1.6E+05**	**5.2E+04**
ESL-C	**-**	**-**	**3,000**	**2,100**	**3.1E+07**	**4.2E+05**	**420**	**1.3E+06**	**4.4E+05**

NOTES: 1) ESL-R = Environmental Screening Levels, Residential, based on SFRWQCB Interim Final, Rev. 3, Feb 2016
2) ESL-R = Environmental Screening Levels, Commercial, based on SFRWQCB Interim Final, Rev. 3, Feb 2016
3) ND = Not Detect

DISCUSSION & CONCLUSION

As indicated above in **Table 1**, very low detectable concentrations of TPH-d (as Diesel) and TPH-mo (as Motor Oil) were reported in all six (6) soil samples (Borings B1 through B6) collected from the hydraulic lift areas. However, these soil concentrations are below the San Francisco Regional Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs). No detectable concentrations of PCBs were reported in all the six (6) soil samples collected from the hydraulic lift areas.

Also, as indicated above in **Table 1**, the one (1) soil sample collected from Boring B7 near the in-ground Oil/Water Separator area reported detection levels as ND (Non-Detect) for TPH Multi-Range including Diesel, Gasoline & Motor Oil, VOCs and PCBs.

In addition, two (2) soil vapor samples were collected from each of the two soil vapor probes located at two different depths of 8.0 feet and 11.5 feet bgs in the temporary soil vapor well that was converted at Boring B7 located at the in-ground Oil/Water Separator area. As indicated above in **Table 2**, the soil vapor concentrations of VOCs from these samples were reported at relatively low levels, which are below the San Francisco Regional Quality Control Board (SFRWQCB) Soil Gas Environmental Screening Levels (ESLs).

Finally, a geophysical survey was performed within accessible areas (perimeter areas around the building structure) of the Site to evaluate the presence of the 200-gallon waste oil Underground Storage Tanks (UST). The ground penetrating radar (GPR) method used did not identify any anomalies or signatures from the scans that would suggest the presence of the UST (see **Appendix B** for the GPR survey results).

This report was prepared consistent with generally accepted environmental consulting principles and practices that are within the limitations described in **Appendix D**. We thank you for providing us the opportunity for performing the limited Phase II ESA. If you have any questions, please do not hesitate to call us at (415) 816-2134 or contact us via email at asghuman@applied.us.com.

Very Truly Yours,

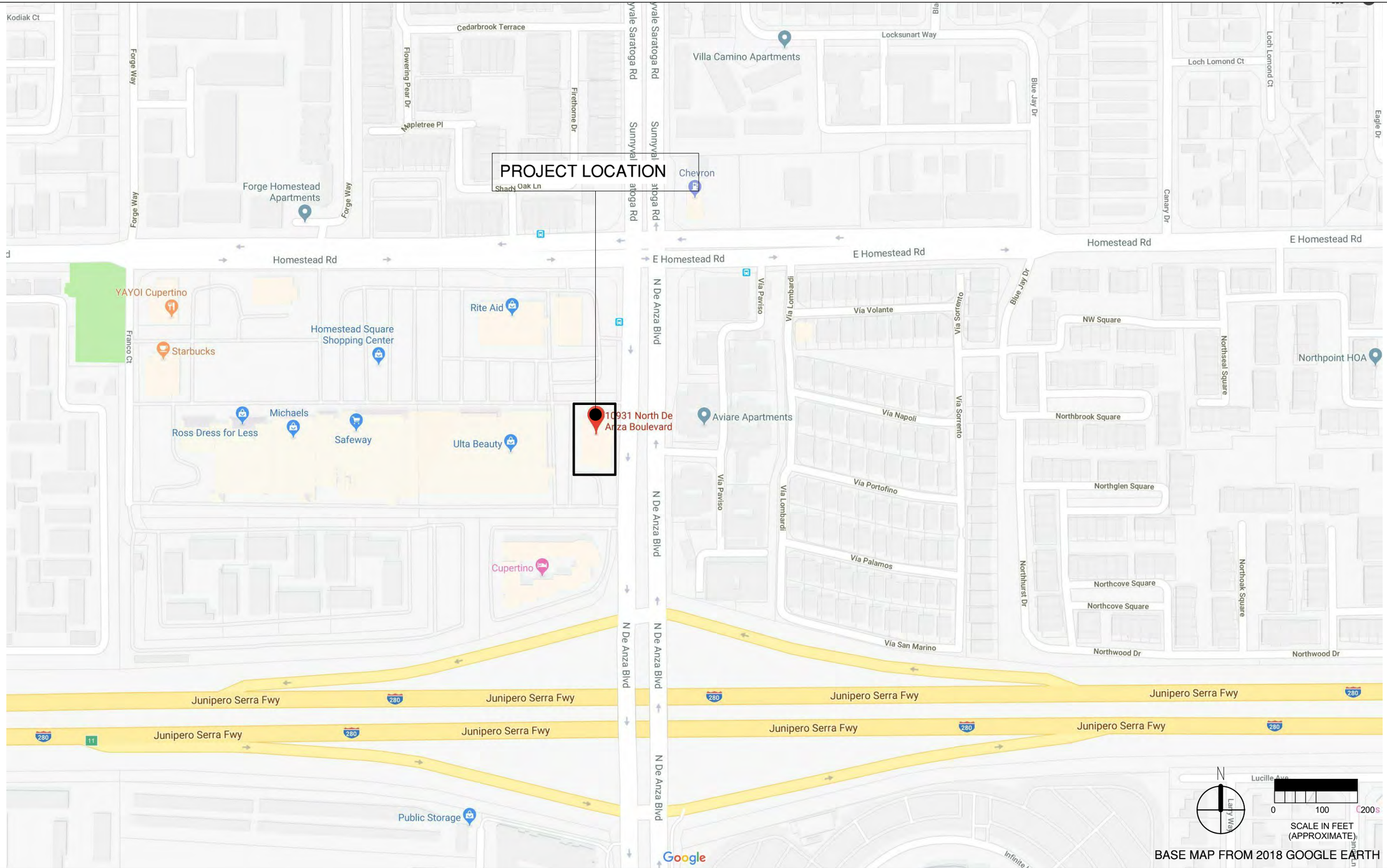
APPLIED REMEDIAL TECHNOLOGIES, INC.

Varinder S. Oberoi, PE
Senior Engineer

Apri S. Ghuman, PE, CIH
Principal Engineer

Attachments:

Figure 1 – Site Location Map
Figure 2 – Site Plan
Appendix A – Soil Boring Logs
Appendix B – Ground Penetrating Radar Survey
Appendix C – Laboratory Analytical Results
Appendix D - Limitations



BASE MAP FROM 2018 GOOGLE EARTH

ARTI
Applied Remedial Technologies Inc.

SITE LOCATION MAP

10931 N De Anza Blvd, Cupertino, CA 95014

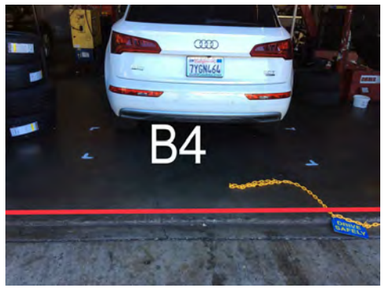
FIGURE

1

DRAWN BY:CE | PROJ.#983-01 | APPROVED BY:AG

10/24/2018 3:49:23 PM F:\Dropbox\3ds max network\ARTI\10931 N De Anza Blvd\10931 N De Anza Blvd_v01.rvt

SITE PHOTOS SHOWING APPROXIMATE LOCATION OF BORINGS



LEGEND

B-1 ⊕ APPROXIMATE LOCATION OF SOIL BORINGS BY APPLIED REMEDIAL TECHNOLOGIES, INC. (DRILLED 10/10/18)

BASE MAP FROM GOOGLE MAPS 2018 (NOT TO SCALE)

NOTE: BORING & WELL LOCATIONS ARE APPROXIMATE

N

ARTI
Applied Remedial Technologies Inc.

SITE PLAN

10931 N De Anza Blvd, Cupertino, CA 95014

FIGURE

2

DRAWN BY:CE PROJ.#983-01 APPROVED BY:AG

10/24/2018 3:49:38 PM F:\Dropbox\3ds max network\ARTI\10931 N De Anza Blvd_v01.rvt

APPENDIX “A”

FIELD LOCATION OF BORING:

PROJECT: DeAnza DATES DRILLED: 10-10-18

CLIENT: ARTI DRILLER: ECA (C-57 #695970)

SITE ADDRESS: 10931 DeAnza Blvd., Cupertino, CA

LOGGED BY: Forrest Cook PG#8201

DRILLING METHOD AND EQUIPMENT: Geoprobe with Macrocore sampler

WATER LEVEL		TIME	
1st Encountered	NA	Start	
Static	NA	Finish	

Depth (Feet)	Sample	Sample ID	Blow Count	PID (ppm)	Well Const.	Lithology	USCS	SOIL DESCRIPTION
1					Backfilled with neat cement			4-6” Concrete slab.
2							SW	SILTY SAND (SW): Reddish Brown (5YR4/3), estimated slightly damp, estimated loose to medium dense. Sand is fine. With trace gravels.
3								
4							GW	SANDY GRAVEL (GW): Brown (7.5YR5/4), estimated slightly damp, estimated dense to very dense. Approximately 50% angular gravel up to 1 inch. Approximately 50% coarse sand.
5								
6								
7								
8								
9								Increased gravel content (approximately 75%).
10	■	B1-10						BOH = 10’
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

WELL / BORING CONSTRUCTION DETAILS:

Backfilled with neat cement (Portland I/II)

ARTI Applied Remedial Technologies Inc.

10931 De Anza Blvd.
Cupertino, California

BORING LOG

BORING

B1

FIELD LOCATION OF BORING:

PROJECT: DeAnza | DATES DRILLED: 10-10-18

CLIENT: ARTI | DRILLER: ECA (C-57 #695970)

SITE ADDRESS: 10931 DeAnza Blvd., Cupertino, CA | LOGGED BY: Forrest Cook PG#8201

DRILLING METHOD AND EQUIPMENT: Geoprobe with Macrocore sampler

WATER LEVEL		TIME	
1st Encountered	NA	Start	
Static	NA	Finish	

Depth (Feet)	Sample	Sample ID	Blow Count	PID (ppm)	Well Const.	Lithology	USCS	SOIL DESCRIPTION
1–2					Backfilled with neat cement		SW	4-6” Concrete slab. SILTY SAND (SW): Reddish Brown (5YR4/3), estimated slightly damp, estimated loose to medium dense. Sand is fine to coarse. With trace gravels.
3–9							GW	SANDY GRAVEL (GW): Brown (7.5YR5/5), estimated slightly damp, estimated dense to very dense. Approximately 50% angular gravel up to 1 inch. Approximately 50% coarse sand. Increased gravel content (approximately 75%).
10	■	B2-10						BOH = 10’
11–25								

WELL / BORING CONSTRUCTION DETAILS:

Backfilled with neat cement (Portland I/II)

ARTI Applied Remedial Technologies Inc.

10931 De Anza Blvd.
Cupertino, California

BORING LOG

BORING

B2

FIELD LOCATION OF BORING:

PROJECT: DeAnza | DATES DRILLED: 10-10-18

CLIENT: ARTI | DRILLER: ECA (C-57 #695970)

SITE ADDRESS: 10931 DeAnza Blvd., Cupertino, CA | LOGGED BY: Forrest Cook PG#8201

DRILLING METHOD AND EQUIPMENT: Geoprobe with Macrocore sampler

WATER LEVEL		TIME	
1st Encountered	NA	Start	
Static	NA	Finish	

Depth (Feet)	Sample	Sample ID	Blow Count	PID (ppm)	Well Const.	Lithology	USCS	SOIL DESCRIPTION
1					Backfilled with neat cement		SW	4-6” Concrete slab. SILTY SAND (SW): Dark reddish Brown (5YR3/3), estimated slightly damp, estimated loose to medium dense. Sand is fine to coarse. With trace gravels.
2								
3								
4							GW	SANDY GRAVEL (GW): Brown (7.5YR5/5), estimated slightly damp, estimated very dense. Approximately 50% angular gravel up to 1.5 inch. Approximately 50% coarse sand.
5								
6								
7								
8								
9								Increased gravel content (approximately 75%).
10	■	B3-10						BOH = 10’
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

WELL / BORING CONSTRUCTION DETAILS:

Backfilled with neat cement (Portland I/II)

ARTI Applied Remedial Technologies Inc.

10931 De Anza Blvd.
Cupertino, California

BORING LOG

BORING

B3

FIELD LOCATION OF BORING:

PROJECT: DeAnza | DATES DRILLED: 10-10-18

CLIENT: ARTI | DRILLER: ECA (C-57 #695970)

SITE ADDRESS: 10931 DeAnza Blvd., Cupertino, CA | LOGGED BY: Forrest Cook PG#8201

DRILLING METHOD AND EQUIPMENT: Geoprobe with Macrocore sampler

WATER LEVEL		TIME	
1st Encountered	NA	Start	
Static	NA	Finish	

Depth (Feet)	Sample	Sample ID	Blow Count	PID (ppm)	Well Const.	Lithology	USCS	SOIL DESCRIPTION
1–3					Backfilled with neat cement		SW	4-6” Concrete slab. SILTY SAND (SW): Dark reddish Brown (5YR3/3), estimated slightly damp, estimated loose to medium dense. Sand is fine to coarse. With trace gravels.
4–9							GW	SANDY GRAVEL (GW): Brown (7.5YR5/5), estimated slightly damp, estimated very dense. Approximately 50% angular gravel up to 1.5 inch. Approximately 50% coarse sand. Increased gravel content (approximately 75%).
10	■	B4-10						BOH = 10’
11–25								

WELL / BORING CONSTRUCTION DETAILS:

Backfilled with neat cement (Portland I/II)

ARTI Applied Remedial Technologies Inc.

10931 De Anza Blvd.
Cupertino, California

BORING LOG

BORING

B4

FIELD LOCATION OF BORING:

PROJECT: DeAnza | DATES DRILLED: 10-10-18

CLIENT: ARTI | DRILLER: ECA (C-57 #695970)

SITE ADDRESS: 10931 DeAnza Blvd., Cupertino, CA | LOGGED BY: Forrest Cook PG#8201

DRILLING METHOD AND EQUIPMENT: Geoprobe with Macrocore sampler

WATER LEVEL		TIME	
1st Encountered	NA	Start	
Static	NA	Finish	

Depth (Feet)	Sample	Sample ID	Blow Count	PID (ppm)	Well Const.	Lithology	USCS	SOIL DESCRIPTION
1–2					Backfilled with neat cement		SW	4-6” Concrete slab. SILTY SAND (SW): Dark reddish Brown (5YR3/3), estimated slightly damp, estimated loose to medium dense. Sand is fine to coarse. With trace gravels.
3–9							GW	SANDY GRAVEL (GW): Brown (7.5YR5/5), estimated slightly damp, estimated very dense. Approximately 50% angular gravel up to 1.5 inch. Approximately 50% coarse sand. Increased gravel content (approximately 75%).
10	■	B5-10						BOH = 10’
11–25								

WELL / BORING CONSTRUCTION DETAILS:

Backfilled with neat cement (Portland I/II)

ARTI Applied Remedial Technologies Inc.

10931 De Anza Blvd.
Cupertino, California

BORING LOG

BORING

B5

FIELD LOCATION OF BORING:

PROJECT: DeAnza | DATES DRILLED: 10-10-18

CLIENT: ARTI | DRILLER: ECA (C-57 #695970)

SITE ADDRESS: 10931 DeAnza Blvd., Cupertino, CA | LOGGED BY: Forrest Cook PG#8201

DRILLING METHOD AND EQUIPMENT: Geoprobe with Macrocore sampler

WATER LEVEL		TIME	
1st Encountered	NA	Start	
Static	NA	Finish	

Depth (Feet)	Sample	Sample ID	Blow Count	PID (ppm)	Well Const.	Lithology	USCS	SOIL DESCRIPTION
1					Backfilled with neat cement		SW	4-6” Concrete slab. SILTY SAND (SW): Reddish Brown (5YR4/3), estimated slightly damp, estimated loose to medium dense. Sand is fine to coarse. With trace gravels.
2								
3								
4							GW	SANDY GRAVEL (GW): Brown (7.5YR5/5), estimated slightly damp, estimated very dense. Approximately 50% angular gravel up to 1.25 inch. Approximately 50% coarse sand.
5								
6								
7								
8								Increased gravel content (approximately 75%).
9								
10	■	B6-10						BOH = 10’
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								
21								
22								
23								
24								
25								

WELL / BORING CONSTRUCTION DETAILS:

Backfilled with neat cement (Portland I/II)

ARTI Applied Remedial Technologies Inc.

10931 De Anza Blvd.
Cupertino, California

BORING LOG

BORING

B6

FIELD LOCATION OF BORING:

PROJECT: DeAnza | DATES DRILLED: 10-10-18

CLIENT: ARTI | DRILLER: ECA (C-57 #695970)

SITE ADDRESS: 10931 DeAnza Blvd., Cupertino, CA | LOGGED BY: Forrest Cook PG#8201

DRILLING METHOD AND EQUIPMENT: Geoprobe with Macrocore sampler

WATER LEVEL		TIME	
1st Encountered	NA	Start	
Static	NA	Finish	

Depth (Feet)	Sample	Sample ID	Blow Count	PID (ppm)	Well Const.	Lithology	USCS	SOIL DESCRIPTION
1–3					Backfilled with neat cement		SW	Landscaped Surface SILTY SAND (SW): Reddish Brown (5YR4/4), estimated slightly damp, estimated loose to medium dense. Sand is fine. With trace gravels.
4–11							GW	SANDY GRAVEL (GW): Brown (7.5YR4/4), estimated slightly damp, estimated dense to very dense. Approximately 50% angular gravel up to 1 inch. Approximately 50% coarse sand. Increased gravel content (approximately 75%).
12		B7-12						BOH = 12’
13–25								

WELL / BORING CONSTRUCTION DETAILS:

Backfilled with neat cement (Portland I/II)

ARTI Applied Remedial Technologies Inc.

10931 De Anza Blvd.
Cupertino, California

BORING LOG

BORING

B7

APPENDIX “B”

G18-4433

Subdynamic Locating Services Inc
274 Hillsdale Ave
San Jose, CA 95136
Phone 408-723-4191
Fax 408-723-4142

SERVICE AGREEMENT - GPR

This is an agreement by and between Subdynamic Locating Services, Inc. hereafter referred to as "SLS" and the undersigned, hereafter referred to as "Customer"

NO. G18-4433

Date 10/8/2018

Complete

Customer Name	Applied Remedial Technology
Billing Adrress	
City, State, Zip	
Requested By	Apri Ghuman — Phone 415-816-2134
PO#	JOB# 98301

FINDINGS:
GPR cart scans were conducted around perimeter of building to search for possible UST. No UST was able to be detected. 6 bore locations were located inside garage area boxed with white chalk paint. Minimal markings was asked to be made by client. Locations inside were cleared by GPR cart ,passive power and radio scans, which no signatures were detected inside white boxed areas.

Job Name	10931 N.De Anza Blvd
Job Address	10931 N.De Anza Blvd
City, State, Zip	Cupertino, California
Contact	Apri Ghuman 415-816-2134
E-mail:	Asghuman888@yahoo.com

The scope of work for this site will be to perform GPR scanning of areas specified below.

Scope of Work:
GPR & Locate 4 outside 6 inside
UST search

GPR can't see PVC, Transite, cement, clay pipe in clay soil, any type of insulated line

Antenna __ 2600MHz __ 2000MHz __1600MHz X 400MHz

Work Authorization and Billing Terms: I the undersigned am owner / authorized representative of the property or company mentioned above. I hereby authorize SLS to perform the scope of work outlined above. I understand that the cost of performing this work is $ 185 Per Hour with a 4 hour minimum up to 8 hours in a day and time and a half for any time over 8 hours in a day and that SLS charges mob-demob time (including travel time). I understand that downtime and standby time due to circumstances at the jobsite out of SLS control will be charged at the same rate.

I understand that GPR and GPR equipment can not 'see' everything that is burried and that there are limitations as to what can be discovered with GPR and shall hold SLS harmless for any and all liability in the event that something can not be detected by GPR.

All work is to be done COD unless a previous agreement has been arranged in writing with SLS in which case terms are net 30. I agree to pay reasonable attorney fees and court costs in the event of legal action pursuant to section 1717 and/or 1719 of the California Civil Code. I have read, agree to and will receive a copy of this Service Agreement.

SIGNATURE : X

Diagram:

TECH/ITEM	DATE	Start Time	End Time	HOURS	AMOUNT
Adam Lazaro	10/8/2018	8:00 AM	12:00 PM	4:00	4

Total Amount Due: 4

Client OT Authorization
Credit Card
Name on Card
Billing Address
CVN II
Exp. Date

To be billed

ALL WORK IS COMPLETE FOR THIS SERVICE AGREEMENT

Complete

Tech Signature:

Authorized Signature: X

Signature Print

Apri Ghuman

Service Agreement Page 2 Additional Notes, Findings, Pictures

Along entrance to each garage port there was an electrical utility detected, but was outside of white boxed boundary, so no markings were made. Area inside white boxes are clear. Vehicles inside working garage ports prevented full complete GPR cart scans to be conducted. 4 bore locations outside were marked by Apri with white dots near main entrance side of building. Electrical line was marked with red paint near one location (see photos). Passive power and radio scans were conducted on outside locations and no new signatures detected other then one marked out in red paint. GPR cart scans were conducted on outside white dot locations and no anomalies/possible utilities were located other then marked red electrical line. Apri was unable to view final findings.

APPENDIX “C”

ENTHALPY

ANALYTICAL

Enthalpy Analytical

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 304062
ANALYTICAL REPORT

Applied Remedial Technologies, Inc.	Project : STANDARD
1485 Bayshore Blvd. #109	Location : De Anza Properties
San Francisco, CA 94124	Level : II

Sample ID	Lab ID
B7-12	304062-001
B1-10	304062-002
B2-10	304062-003
B3-10	304062-004
B4-10	304062-005
B5-10	304062-006
B6-10	304062-007

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 10/26/2018

Will Rice
Project Manager
will.rice@enthalpy.com
(510) 204-2221 Ext 13102

CA ELAP# 2896, NELAP# 4044-001

ENTHALPY ANALYTICAL

CASE NARRATIVE

Laboratory number:	**304062**
Client:	**Applied Remedial Technologies, Inc.**
Location:	**De Anza Properties**
Request Date:	**10/10/18**
Samples Received:	**10/10/18**

This data package contains sample and QC results for seven soil samples, requested for the above referenced project on 10/10/18. The samples were received cold and intact.

TPH-Purgeables and/or BTXE by GC (EPA 8015B):
No analytical problems were encountered.

TPH-Extractables by GC (EPA 8015B):
No analytical problems were encountered.

Volatile Organics by GC/MS (EPA 8260B):
No analytical problems were encountered.

PCBs (EPA 8082):
All samples underwent sulfuric acid cleanup using EPA Method 3665A. All samples underwent sulfur cleanup using the copper option in EPA Method 3660B. No analytical problems were encountered.

Enthalpy Analytical LLC
2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900 Phone
(510) 486-0532 Fax

CHAIN OF CUSTODY

Page 1 of 2
Chain of Custody # :

C&T LOGIN # 304062

Project No: 983-01
Project Name: DE ANZA PROPERTIES
EDD Format: _____ Rpt Level: ☐ II ☐ III ☐ IV
Turnaround Time: ☐ RUSH _____ ☑ Standard

Sampler: E. Cook
Report To: APRI GHUMAN, PE, CIH
Company : ARTI
Telephone: 415.467.9000
Email: asghuman@applied-us.com

Lab No.	Sample ID.	Sampling Date	Sampling Time	Matrix: Water	Matrix: Soil	Matrix:	Matrix:	# of Containers	Chemical Preservative: HCl	Chemical Preservative: H_2SO_4	Chemical Preservative: HNO_3	Chemical Preservative: NaOH	Chemical Preservative: None	Analytical Request: TPH multirange (G,D,MO) by 8015B	Analytical Request: VOCs by 8260	Analytical Request: PCBs by 8082	Analytical Request: TPHd by 8015b	Analytical Request: TPHmo by 8015b
	B7-12	10-10-18	8:30		X			1					X	X	X	X	X	X
	B1-10		9:30		X								X		X	X	X	
	B2-10		10:45		X								X		X	X	X	
	B3-10		11:10		X								X		X	X	X	
	B4-10		13:00		X								X		X	X	X	
	B5-10		11:40		X								X		X	X	X	
	B6-10		12:40		X								X		X	X	X	

Notes:

SAMPLE RECEIPT
☐ Intact ☐ Cold
☐ On Ice ☐ Ambient

RELINQUISHED BY:	RECEIVED BY:
10-10-18 DATE/TIME	1409 DATE/TIME
10 10 1725 DATE/TIME	10/10/18 17:26 DATE/TIME
DATE/TIME	DATE/TIME

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 304062 Client: ARTI

Date Received: 10/10/16 Project: De Anza Properties

Section 2: Samples received in a cooler? ☑ Yes, how many? 1 ☐ No (**skip Section 3 below**)

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ A, or ☐ B

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 10/10/16 By (print) AC (sign) [signature]

Shipping info (if applicable) _____

Are custody seals present? ☑ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ~~☐ N/A~~

Section 3: ***Important*: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☑ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used: ☑ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☐ Yes, ☑ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☐ A ☐ B

Cooler Temp (°C): #1: 4.9, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	X		
Were Method 5035 sampling containers present?		X	
If YES, what time were they transferred to freezer?			
Did all bottles arrive unbroken/unopened?	X		
Are there any missing / extra samples?		X	
Are samples in the appropriate containers for indicated tests?	X		
Are sample labels present, in good condition and complete?	X		
Does the container count match the COC?	X		
Do the sample labels agree with custody papers?	X		
Was sufficient amount of sample sent for tests requested?	X		
Did you change the hold time in LIMS for unpreserved VOAs?			X
Did you change the hold time in LIMS for preserved terracores?			X
Are bubbles > 6mm absent in VOA samples?			X
Was the client contacted concerning this sample delivery?		X	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			X
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: _____

Date Logged In 10/10/16 **By (print)** [illegible] **(sign)** [signature]

Date Labeled 10-11-16 **By (print)** TKy **(sign)** TKy

ENTHALPY ANALYTICAL

Detections Summary for 304062

Results for any subcontracted analyses are not included in this summary.

Client : Applied Remedial Technologies, Inc.
Project : STANDARD
Location : De Anza Properties

Client Sample ID : B7-12 Laboratory Sample ID : 304062-001

No Detections

Client Sample ID : B1-10 Laboratory Sample ID : 304062-002

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1.6	Y,Z	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C

Client Sample ID : B2-10 Laboratory Sample ID : 304062-003

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	4.2	Y,Z	0.99	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C

Client Sample ID : B3-10 Laboratory Sample ID : 304062-004

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	3.4	Y,Z	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C
Motor Oil C24-C36	5.8	Y,Z	5.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C

Client Sample ID : B4-10 Laboratory Sample ID : 304062-005

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	2.3	Y,Z	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C
Motor Oil C24-C36	8.8	Y,Z	5.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C

Client Sample ID : B5-10 Laboratory Sample ID : 304062-006

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1.6	Y,Z	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C
Motor Oil C24-C36	7.7	Y,Z	5.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C

Client Sample ID : B6-10 Laboratory Sample ID : 304062-007

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
Diesel C10-C24	1.3	Y,Z	1.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C
Motor Oil C24-C36	7.0	Y,Z	5.0	mg/Kg	As Recd	1.000	EPA 8015B	EPA 3550C

Y = Sample exhibits chromatographic pattern which does not resemble standard
Z = Sample exhibits unknown single peak or peaks

ENTHALPY ANALYTICAL

Total Volatile Hydrocarbons

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B7-12	Batch#:	264446
Matrix:	Soil	Sampled:	10/10/18
Units:	mg/Kg	Received:	10/10/18
Basis:	as received	Analyzed:	10/11/18
Diln Fac:	1.000		

Type: SAMPLE Lab ID: 304062-001

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	95	64-134

Type: BLANK Lab ID: QC951420

Analyte	Result	RL
Gasoline C7-C12	ND	1.0

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	87	64-134

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Batch#:	264446
Units:	mg/Kg	Analyzed:	10/11/18
Diln Fac:	1.000		

Type: BS Lab ID: QC951416

Analyte	Spiked	Result	%REC	Limits
Gasoline C7-C12	1.000	0.9465	95	80-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	90	64-134

Type: BSD Lab ID: QC951417

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	1.000	0.9924	99	80-120	5	20

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	101	64-134

RPD= Relative Percent Difference

ENTHALPY ANALYTICAL

Batch QC Report

Total Volatile Hydrocarbons

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B7-12	Diln Fac:	1.000
MSS Lab ID:	304062-001	Batch#:	264446
Matrix:	Soil	Sampled:	10/10/18
Units:	mg/Kg	Received:	10/10/18
Basis:	as received	Analyzed:	10/11/18

Type: MS Lab ID: QC951418

Analyte	MSS Result	Spiked	Result	%REC	Limits
Gasoline C7-C12	0.1096	9.346	7.590	80	46-120

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	102	64-134

Type: MSD Lab ID: QC951419

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Gasoline C7-C12	10.31	8.287	79	46-120	1	33

Surrogate	%REC	Limits
Bromofluorobenzene (FID)	104	64-134

RPD= Relative Percent Difference

ENTHALPY ANALYTICAL

Total Extractable Hydrocarbons

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3550C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/10/18
Units:	mg/Kg	Received:	10/10/18
Basis:	as received	Prepared:	10/12/18
Diln Fac:	1.000	Analyzed:	10/12/18
Batch#:	264499		

Field ID: B7-12 Lab ID: 304062-001
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	ND	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	106	59-130

Field ID: B1-10 Lab ID: 304062-002
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	1.6 Y Z	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	97	59-130

Field ID: B2-10 Lab ID: 304062-003
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	4.2 Y Z	0.99
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	96	59-130

Field ID: B3-10 Lab ID: 304062-004
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	3.4 Y Z	1.0
Motor Oil C24-C36	5.8 Y Z	5.0

Surrogate	%REC	Limits
o-Terphenyl	109	59-130

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Total Extractable Hydrocarbons

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3550C
Project#:	STANDARD	Analysis:	EPA 8015B
Matrix:	Soil	Sampled:	10/10/18
Units:	mg/Kg	Received:	10/10/18
Basis:	as received	Prepared:	10/12/18
Diln Fac:	1.000	Analyzed:	10/12/18
Batch#:	264499		

Field ID: B4-10 Lab ID: 304062-005
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	2.3 Y Z	1.0
Motor Oil C24-C36	8.8 Y Z	5.0

Surrogate	%REC	Limits
o-Terphenyl	95	59-130

Field ID: B5-10 Lab ID: 304062-006
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	1.6 Y Z	1.0
Motor Oil C24-C36	7.7 Y Z	5.0

Surrogate	%REC	Limits
o-Terphenyl	115	59-130

Field ID: B6-10 Lab ID: 304062-007
Type: SAMPLE

Analyte	Result	RL
Diesel C10-C24	1.3 Y Z	1.0
Motor Oil C24-C36	7.0 Y Z	5.0

Surrogate	%REC	Limits
o-Terphenyl	101	59-130

Type: BLANK Lab ID: QC951636

Analyte	Result	RL
Diesel C10-C24	ND	1.0
Motor Oil C24-C36	ND	5.0

Surrogate	%REC	Limits
o-Terphenyl	97	59-130

Y= Sample exhibits chromatographic pattern which does not resemble standard
Z= Sample exhibits unknown single peak or peaks
ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3550C
Project#:	STANDARD	Analysis:	EPA 8015B
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC951637	Batch#:	264499
Matrix:	Soil	Prepared:	10/12/18
Units:	mg/Kg	Analyzed:	10/12/18

Analyte	Spiked	Result	%REC	Limits
Diesel C10-C24	50.00	56.26	113	56-137

Surrogate	%REC	Limits
o-Terphenyl	117	59-130

ENTHALPY ANALYTICAL

Batch QC Report

Total Extractable Hydrocarbons

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3550C
Project#:	STANDARD	Analysis:	EPA 8015B
Field ID:	B3-10	Batch#:	264499
MSS Lab ID:	304062-004	Sampled:	10/10/18
Matrix:	Soil	Received:	10/10/18
Units:	mg/Kg	Prepared:	10/12/18
Basis:	as received	Analyzed:	10/12/18
Diln Fac:	1.000		

Type: MS Lab ID: QC951638

Analyte	MSS Result	Spiked	Result	%REC	Limits
Diesel C10-C24	3.371	50.37	47.56	88	52-128

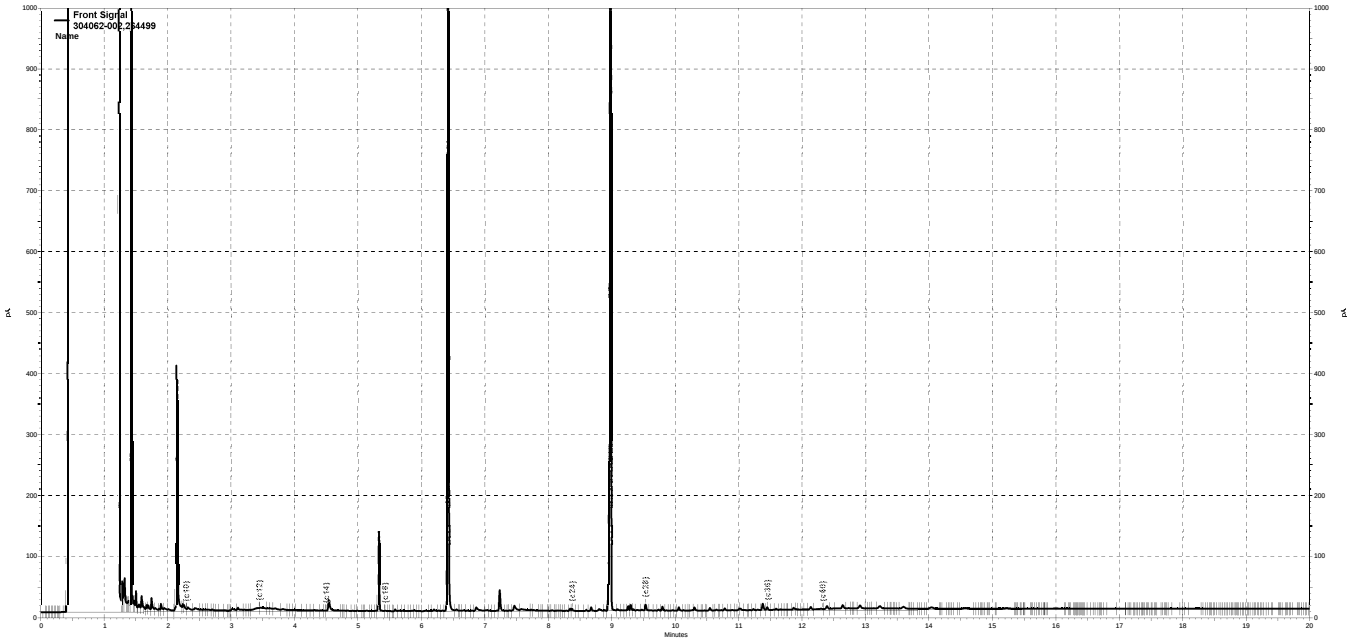
Surrogate	%REC	Limits
o-Terphenyl	108	59-130

Type: MSD Lab ID: QC951639

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Diesel C10-C24	50.32	44.75	82	52-128	6	42

Surrogate	%REC	Limits
o-Terphenyl	104	59-130

RPD= Relative Percent Difference



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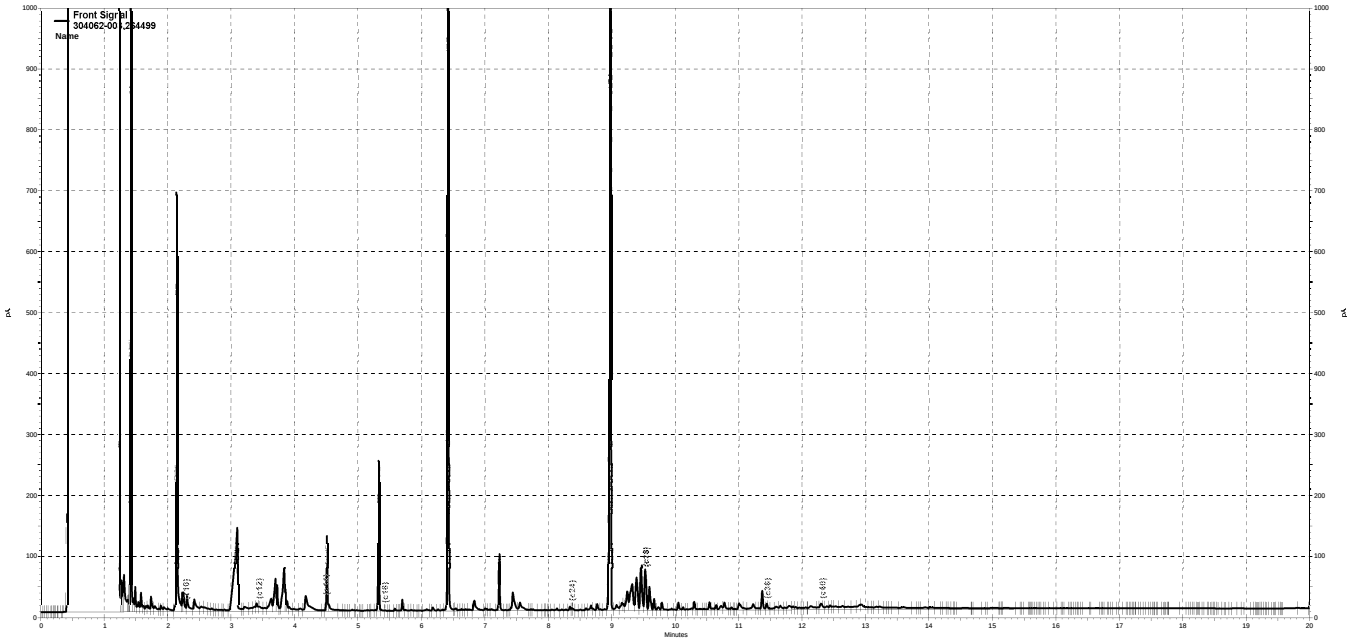

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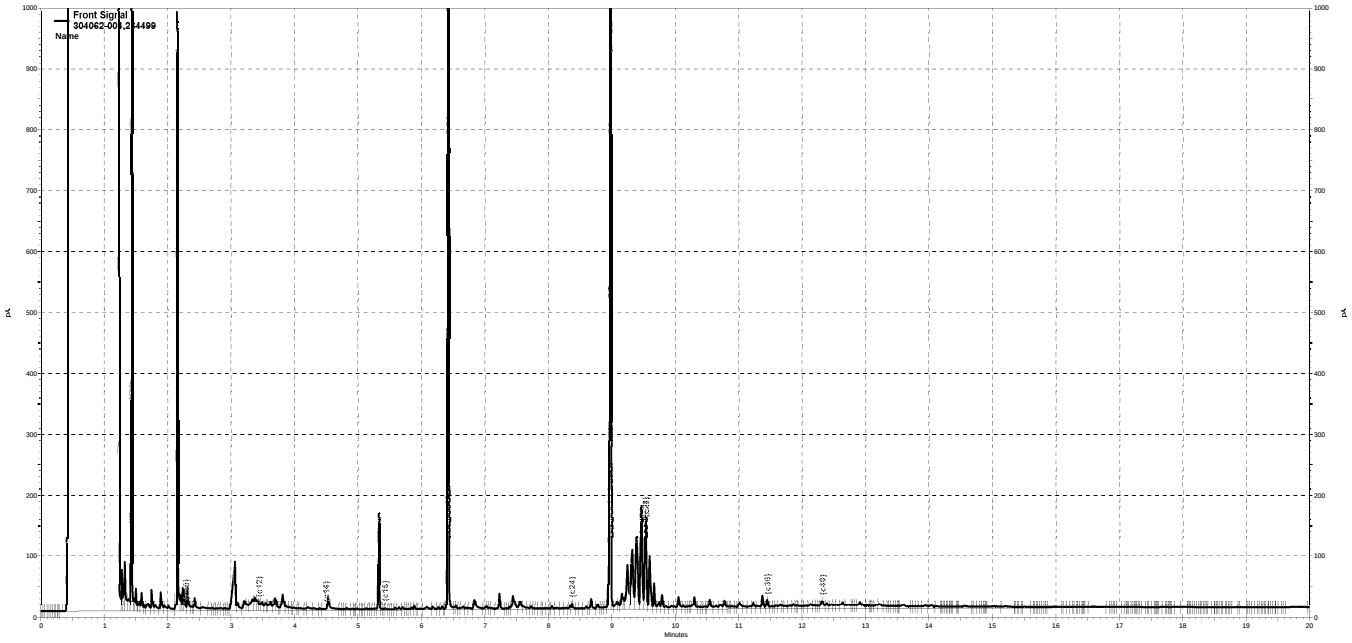

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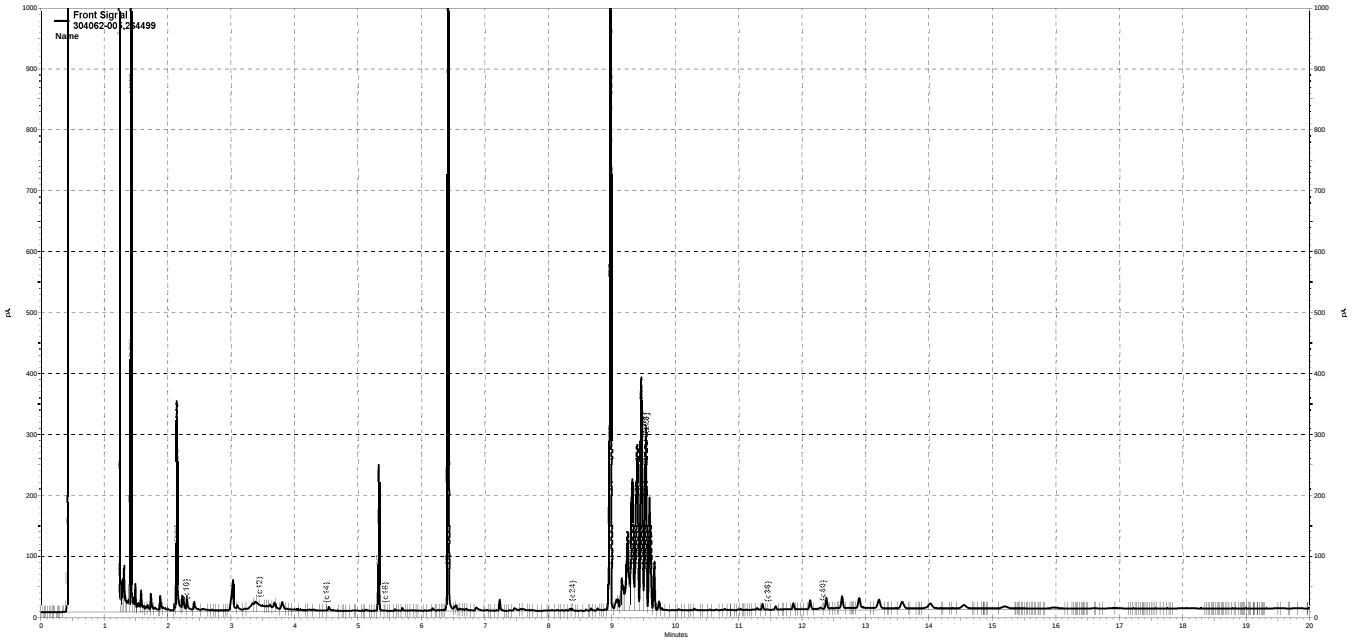

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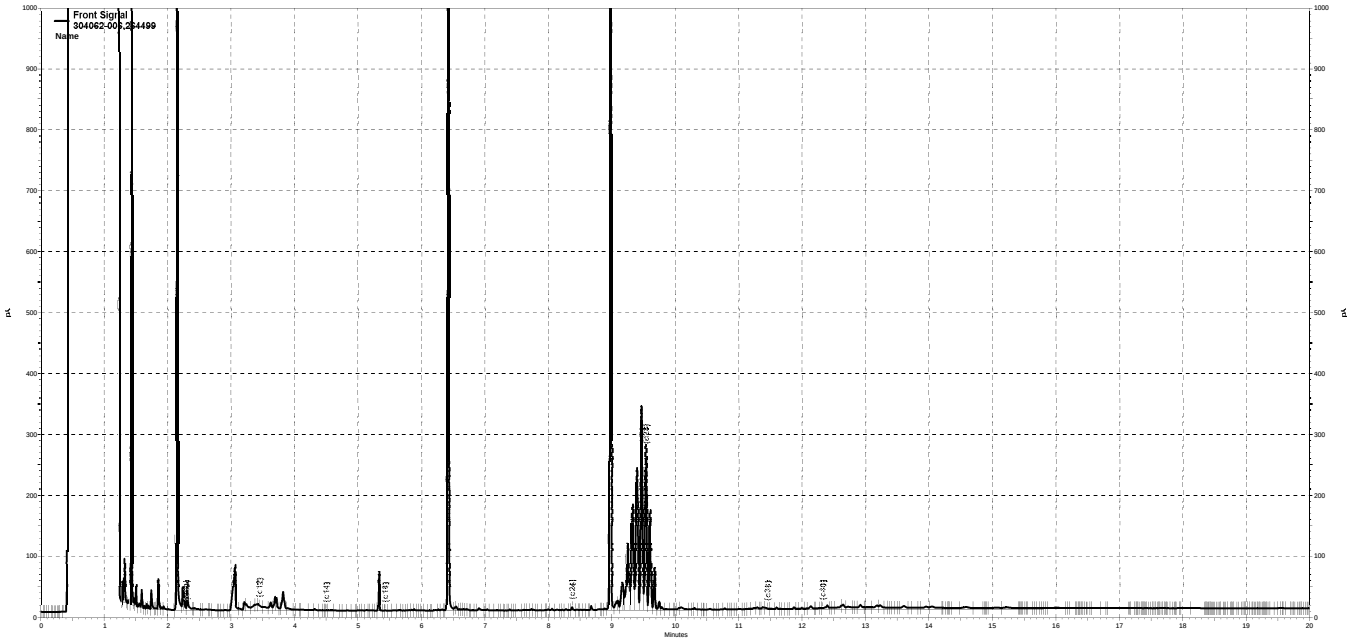

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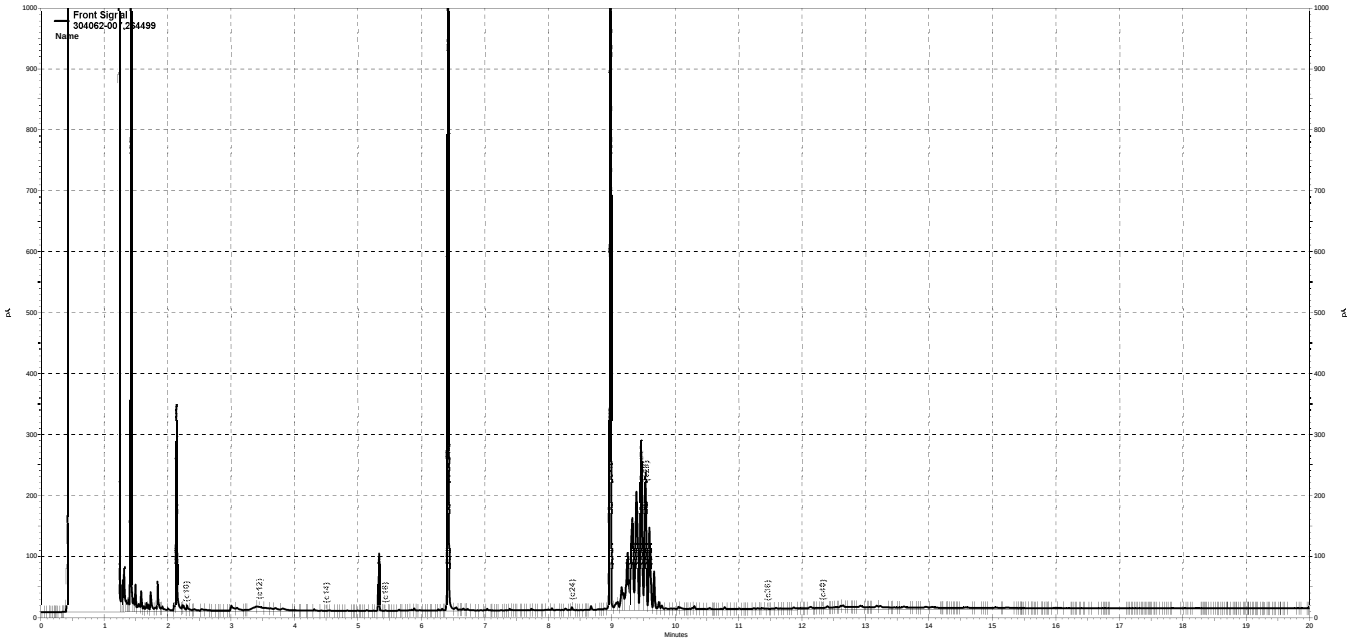

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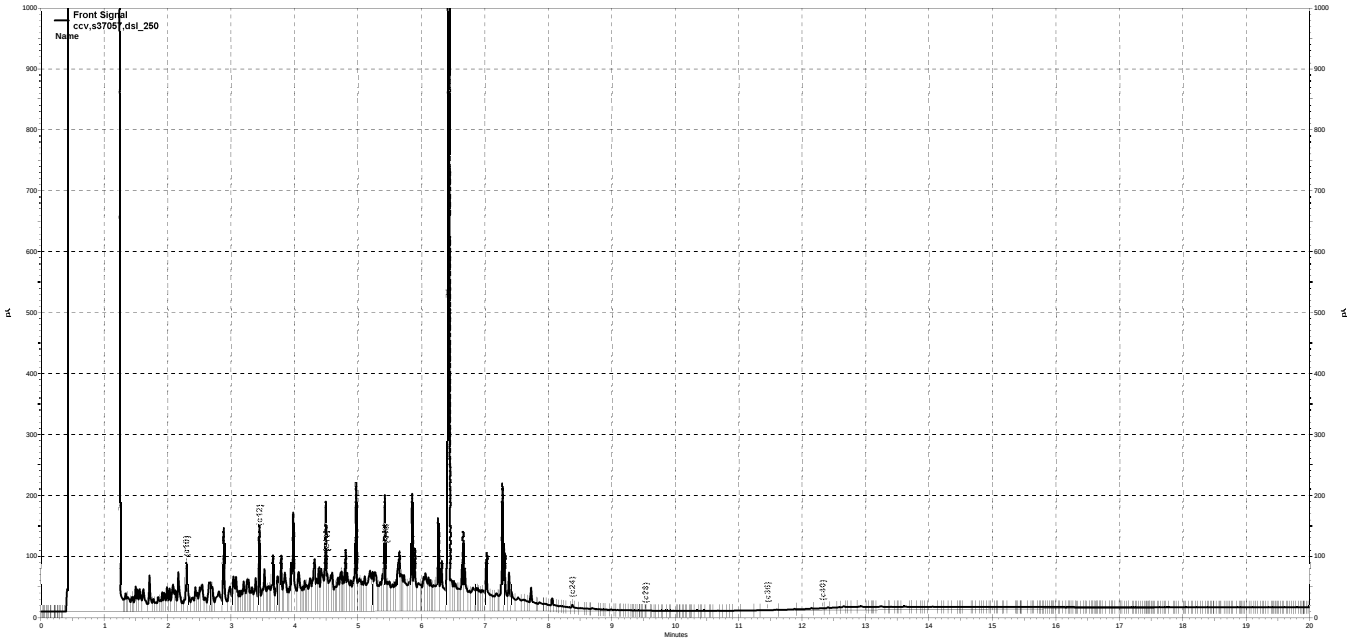

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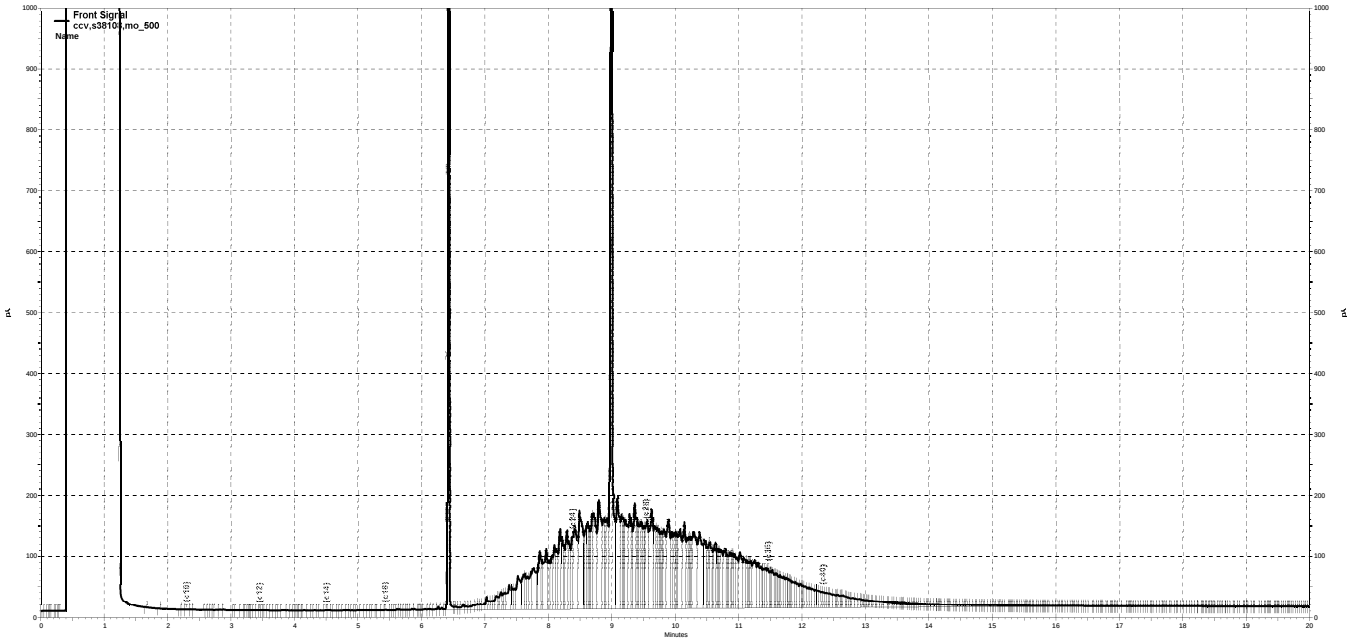

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ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B7-12	Diln Fac:	0.9862
Lab ID:	304062-001	Batch#:	264469
Matrix:	Soil	Sampled:	10/10/18
Units:	ug/Kg	Received:	10/10/18
Basis:	as received	Analyzed:	10/12/18

Analyte	Result	RL
Freon 12	ND	9.9
Chloromethane	ND	9.9
Vinyl Chloride	ND	9.9
Bromomethane	ND	9.9
Chloroethane	ND	9.9
Trichlorofluoromethane	ND	4.9
Acetone	ND	20
Freon 113	ND	4.9
1,1-Dichloroethene	ND	4.9
Methylene Chloride	ND	20
Carbon Disulfide	ND	4.9
MTBE	ND	4.9
trans-1,2-Dichloroethene	ND	4.9
Vinyl Acetate	ND	49
1,1-Dichloroethane	ND	4.9
2-Butanone	ND	9.9
cis-1,2-Dichloroethene	ND	4.9
2,2-Dichloropropane	ND	4.9
Chloroform	ND	4.9
Bromochloromethane	ND	4.9
1,1,1-Trichloroethane	ND	4.9
1,1-Dichloropropene	ND	4.9
Carbon Tetrachloride	ND	4.9
1,2-Dichloroethane	ND	4.9
Benzene	ND	4.9
Trichloroethene	ND	4.9
1,2-Dichloropropane	ND	4.9
Bromodichloromethane	ND	4.9
Dibromomethane	ND	4.9
4-Methyl-2-Pentanone	ND	9.9
cis-1,3-Dichloropropene	ND	4.9
Toluene	ND	4.9
trans-1,3-Dichloropropene	ND	4.9
1,1,2-Trichloroethane	ND	4.9
2-Hexanone	ND	9.9
1,3-Dichloropropane	ND	4.9
Tetrachloroethene	ND	4.9

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Purgeable Organics by GC/MS

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B7-12	Diln Fac:	0.9862
Lab ID:	304062-001	Batch#:	264469
Matrix:	Soil	Sampled:	10/10/18
Units:	ug/Kg	Received:	10/10/18
Basis:	as received	Analyzed:	10/12/18

Analyte	Result	RL
Dibromochloromethane	ND	4.9
1,2-Dibromoethane	ND	4.9
Chlorobenzene	ND	4.9
1,1,1,2-Tetrachloroethane	ND	4.9
Ethylbenzene	ND	4.9
m,p-Xylenes	ND	4.9
o-Xylene	ND	4.9
Styrene	ND	4.9
Bromoform	ND	4.9
Isopropylbenzene	ND	4.9
1,1,2,2-Tetrachloroethane	ND	4.9
1,2,3-Trichloropropane	ND	4.9
Propylbenzene	ND	4.9
Bromobenzene	ND	4.9
1,3,5-Trimethylbenzene	ND	4.9
2-Chlorotoluene	ND	4.9
4-Chlorotoluene	ND	4.9
tert-Butylbenzene	ND	4.9
1,2,4-Trimethylbenzene	ND	4.9
sec-Butylbenzene	ND	4.9
para-Isopropyl Toluene	ND	4.9
1,3-Dichlorobenzene	ND	4.9
1,4-Dichlorobenzene	ND	4.9
n-Butylbenzene	ND	4.9
1,2-Dichlorobenzene	ND	4.9
1,2-Dibromo-3-Chloropropane	ND	4.9
1,2,4-Trichlorobenzene	ND	4.9
Hexachlorobutadiene	ND	4.9
Naphthalene	ND	4.9
1,2,3-Trichlorobenzene	ND	4.9

Surrogate	%REC	Limits
Dibromofluoromethane	109	79-127
1,2-Dichloroethane-d4	122	73-139
Toluene-d8	101	80-120
Bromofluorobenzene	117	80-127

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Matrix:	Soil	Batch#:	264469
Units:	ug/Kg	Analyzed:	10/12/18
Diln Fac:	1.000		

Type: BS Lab ID: QC951509

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	25.00	27.65	111	68-140
Benzene	25.00	22.54	90	74-123
Trichloroethene	25.00	27.09	108	72-125
Toluene	25.00	25.44	102	73-121
Chlorobenzene	25.00	26.34	105	76-123

Surrogate	%REC	Limits
Dibromofluoromethane	114	79-127
1,2-Dichloroethane-d4	121	73-139
Toluene-d8	102	80-120
Bromofluorobenzene	117	80-127

Type: BSD Lab ID: QC951510

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	25.00	25.80	103	68-140	7	25
Benzene	25.00	20.93	84	74-123	7	22
Trichloroethene	25.00	25.90	104	72-125	4	23
Toluene	25.00	24.56	98	73-121	3	22
Chlorobenzene	25.00	24.94	100	76-123	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	112	79-127
1,2-Dichloroethane-d4	123	73-139
Toluene-d8	102	80-120
Bromofluorobenzene	115	80-127

RPD= Relative Percent Difference

ENTHALPY ANALYTICAL

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC951511	Batch#:	264469
Matrix:	Soil	Analyzed:	10/12/18
Units:	ug/Kg		

Analyte	Result	RL
Freon 12	ND	10
Chloromethane	ND	10
Vinyl Chloride	ND	10
Bromomethane	ND	10
Chloroethane	ND	10
Trichlorofluoromethane	ND	5.0
Acetone	ND	20
Freon 113	ND	5.0
1,1-Dichloroethene	ND	5.0
Methylene Chloride	ND	20
Carbon Disulfide	ND	5.0
MTBE	ND	5.0
trans-1,2-Dichloroethene	ND	5.0
Vinyl Acetate	ND	50
1,1-Dichloroethane	ND	5.0
2-Butanone	ND	10
cis-1,2-Dichloroethene	ND	5.0
2,2-Dichloropropane	ND	5.0
Chloroform	ND	5.0
Bromochloromethane	ND	5.0
1,1,1-Trichloroethane	ND	5.0
1,1-Dichloropropene	ND	5.0
Carbon Tetrachloride	ND	5.0
1,2-Dichloroethane	ND	5.0
Benzene	ND	5.0
Trichloroethene	ND	5.0
1,2-Dichloropropane	ND	5.0
Bromodichloromethane	ND	5.0
Dibromomethane	ND	5.0
4-Methyl-2-Pentanone	ND	10
cis-1,3-Dichloropropene	ND	5.0
Toluene	ND	5.0
trans-1,3-Dichloropropene	ND	5.0
1,1,2-Trichloroethane	ND	5.0
2-Hexanone	ND	10
1,3-Dichloropropane	ND	5.0
Tetrachloroethene	ND	5.0

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Type:	BLANK	Diln Fac:	1.000
Lab ID:	QC951511	Batch#:	264469
Matrix:	Soil	Analyzed:	10/12/18
Units:	ug/Kg		

Analyte	Result	RL
Dibromochloromethane	ND	5.0
1,2-Dibromoethane	ND	5.0
Chlorobenzene	ND	5.0
1,1,1,2-Tetrachloroethane	ND	5.0
Ethylbenzene	ND	5.0
m,p-Xylenes	ND	5.0
o-Xylene	ND	5.0
Styrene	ND	5.0
Bromoform	ND	5.0
Isopropylbenzene	ND	5.0
1,1,2,2-Tetrachloroethane	ND	5.0
1,2,3-Trichloropropane	ND	5.0
Propylbenzene	ND	5.0
Bromobenzene	ND	5.0
1,3,5-Trimethylbenzene	ND	5.0
2-Chlorotoluene	ND	5.0
4-Chlorotoluene	ND	5.0
tert-Butylbenzene	ND	5.0
1,2,4-Trimethylbenzene	ND	5.0
sec-Butylbenzene	ND	5.0
para-Isopropyl Toluene	ND	5.0
1,3-Dichlorobenzene	ND	5.0
1,4-Dichlorobenzene	ND	5.0
n-Butylbenzene	ND	5.0
1,2-Dichlorobenzene	ND	5.0
1,2-Dibromo-3-Chloropropane	ND	5.0
1,2,4-Trichlorobenzene	ND	5.0
Hexachlorobutadiene	ND	5.0
Naphthalene	ND	5.0
1,2,3-Trichlorobenzene	ND	5.0

Surrogate	%REC	Limits
Dibromofluoromethane	113	79-127
1,2-Dichloroethane-d4	126	73-139
Toluene-d8	102	80-120
Bromofluorobenzene	118	80-127

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Batch QC Report

Purgeable Organics by GC/MS

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 5030B
Project#:	STANDARD	Analysis:	EPA 8260B
Field ID:	B7-12	Batch#:	264469
MSS Lab ID:	304062-001	Sampled:	10/10/18
Matrix:	Soil	Received:	10/10/18
Units:	ug/Kg	Analyzed:	10/15/18
Basis:	as received		

Type: MS Diln Fac: 0.9381
Lab ID: QC951634

Analyte	MSS Result	Spiked	Result	%REC	Limits
1,1-Dichloroethene	<0.9267	46.90	49.37	105	67-137
Benzene	<0.8898	46.90	38.28	82	60-123
Trichloroethene	<0.8236	46.90	49.10	105	51-143
Toluene	<0.7015	46.90	44.48	95	53-120
Chlorobenzene	<0.6766	46.90	44.85	96	48-120

Surrogate	%REC	Limits
Dibromofluoromethane	115	79-127
1,2-Dichloroethane-d4	128	73-139
Toluene-d8	102	80-120
Bromofluorobenzene	120	80-127

Type: MSD Diln Fac: 0.9346
Lab ID: QC951635

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	46.73	59.01	126	67-137	18	36
Benzene	46.73	44.94	96	60-123	16	34
Trichloroethene	46.73	56.23	120	51-143	14	37
Toluene	46.73	50.42	108	53-120	13	34
Chlorobenzene	46.73	52.03	111	48-120	15	36

Surrogate	%REC	Limits
Dibromofluoromethane	111	79-127
1,2-Dichloroethane-d4	125	73-139
Toluene-d8	99	80-120
Bromofluorobenzene	118	80-127

RPD= Relative Percent Difference

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3546
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Dil'n Fac:	1.000
Units:	ug/Kg	Sampled:	10/10/18
Basis:	as received	Received:	10/10/18

Field ID:	B7-12	Batch#:	264460
Type:	SAMPLE	Prepared:	10/11/18
Lab ID:	304062-001	Analyzed:	10/15/18

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	108	37-170

Field ID:	B1-10	Batch#:	264864
Type:	SAMPLE	Prepared:	10/25/18
Lab ID:	304062-002	Analyzed:	10/25/18

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	91	37-170

Field ID:	B2-10	Batch#:	264864
Type:	SAMPLE	Prepared:	10/25/18
Lab ID:	304062-003	Analyzed:	10/25/18

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	98	37-170

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3546
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Dil'n Fac:	1.000
Units:	ug/Kg	Sampled:	10/10/18
Basis:	as received	Received:	10/10/18

Field ID:	B3-10	Batch#:	264864
Type:	SAMPLE	Prepared:	10/25/18
Lab ID:	304062-004	Analyzed:	10/25/18

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	98	37-170

Field ID:	B4-10	Batch#:	264864
Type:	SAMPLE	Prepared:	10/25/18
Lab ID:	304062-005	Analyzed:	10/25/18

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	72	37-170

Field ID:	B5-10	Batch#:	264864
Type:	SAMPLE	Prepared:	10/25/18
Lab ID:	304062-006	Analyzed:	10/25/18

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	105	37-170

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3546
Project#:	STANDARD	Analysis:	EPA 8082
Matrix:	Soil	Dil'n Fac:	1.000
Units:	ug/Kg	Sampled:	10/10/18
Basis:	as received	Received:	10/10/18

Field ID:	B6-10	Batch#:	264864
Type:	SAMPLE	Prepared:	10/25/18
Lab ID:	304062-007	Analyzed:	10/25/18

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	90	37-170

Type:	BLANK	Prepared:	10/11/18
Lab ID:	QC951464	Analyzed:	10/12/18
Batch#:	264460		

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	90	37-170

Type:	BLANK	Prepared:	10/25/18
Lab ID:	QC953108	Analyzed:	10/25/18
Batch#:	264864	Cleanup Method:	EPA 3620

Analyte	Result	RL
Aroclor-1016	ND	12
Aroclor-1221	ND	24
Aroclor-1232	ND	12
Aroclor-1242	ND	12
Aroclor-1248	ND	12
Aroclor-1254	ND	12
Aroclor-1260	ND	12

Surrogate	%REC	Limits
Decachlorobiphenyl	84	37-170

ND= Not Detected
RL= Reporting Limit

Batch QC Report

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3546
Project#:	STANDARD	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC951465	Batch#:	264460
Matrix:	Soil	Prepared:	10/11/18
Units:	ug/Kg	Analyzed:	10/12/18

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	125.0	145.9	117	59-160
Aroclor-1260	125.0	142.8	114	59-170

Surrogate	%REC	Limits
Decachlorobiphenyl	116	37-170

Batch QC Report

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3546
Project#:	STANDARD	Analysis:	EPA 8082
Field ID:	ZZZZZZZZZZ	Batch#:	264460
MSS Lab ID:	304053-006	Sampled:	09/26/18
Matrix:	Soil	Received:	10/10/18
Units:	ug/Kg	Prepared:	10/11/18
Basis:	as received	Analyzed:	10/12/18
Diln Fac:	5.000		

Type: MS Lab ID: QC951466

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<18.03	164.7	207.4	126	73-167
Aroclor-1260	<22.61	164.7	198.8	121	57-178

Surrogate	%REC	Limits
Decachlorobiphenyl	113	37-170

Type: MSD Lab ID: QC951467

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	164.8	191.0	116	73-167	8	40
Aroclor-1260	164.8	245.3	149	57-178	21	41

Surrogate	%REC	Limits
Decachlorobiphenyl	149	37-170

RPD= Relative Percent Difference

Batch QC Report

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3546
Project#:	STANDARD	Analysis:	EPA 8082
Type:	LCS	Diln Fac:	1.000
Lab ID:	QC953112	Batch#:	264864
Matrix:	Soil	Prepared:	10/25/18
Units:	ug/Kg	Analyzed:	10/25/18

Analyte	Spiked	Result	%REC	Limits
Aroclor-1016	125.0	97.18	78	59-160
Aroclor-1260	125.0	100.4	80	59-170

Surrogate	%REC	Limits
Decachlorobiphenyl	84	37-170

ENTHALPY ANALYTICAL

Batch QC Report

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304062	Location:	De Anza Properties
Client:	Applied Remedial Technologies, Inc.	Prep:	EPA 3546
Project#:	STANDARD	Analysis:	EPA 8082
Field ID:	B4-10	Batch#:	264864
MSS Lab ID:	304062-005	Sampled:	10/10/18
Matrix:	Soil	Received:	10/10/18
Units:	ug/Kg	Prepared:	10/25/18
Basis:	as received	Analyzed:	10/25/18
Diln Fac:	1.000		

Type: MS Lab ID: QC953113

Analyte	MSS Result	Spiked	Result	%REC	Limits
Aroclor-1016	<4.384	166.7	149.5	90	73-167
Aroclor-1260	<3.194	166.7	160.2	96	57-178

Surrogate	%REC	Limits
Decachlorobiphenyl	100	37-170

Type: MSD Lab ID: QC953114

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
Aroclor-1016	164.7	157.3	96	73-167	6	40
Aroclor-1260	164.7	153.3	93	57-178	3	41

Surrogate	%REC	Limits
Decachlorobiphenyl	96	37-170

RPD= Relative Percent Difference

ENTHALPY

ANALYTICAL

Enthalpy Analytical

2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 304063
ANALYTICAL REPORT

Almar Environmental	Project : 983-01
407 Almar Avenue	Location : DeAnza Properties
Santa Cruz, CA 95060	Level : II

Sample ID	Lab ID
B7-11.5	304063-001
B7-8.0	304063-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 10/25/2018

Will Rice
Project Manager
will.rice@enthalpy.com
(510) 204-2221 Ext 13102

CA ELAP# 2896, NELAP# 4044-001

ENTHALPY ANALYTICAL

CASE NARRATIVE

Laboratory number:	**304063**
Client:	**Almar Environmental**
Project:	**983-01**
Location:	**DeAnza Properties**
Request Date:	**10/10/18**
Samples Received:	**10/10/18**

This data package contains sample and QC results for two air samples, requested for the above referenced project on 10/10/18. The samples were received cold and intact.

Volatile Organics in Air by MS (EPA TO-15):
No analytical problems were encountered.

Volatile Organics in Air GC (ASTM D1946-90):
No analytical problems were encountered.

304063

Curtis & Tompkins, Ltd.
Analytical Laboratory Since 1878
2323 Fifth Street
Berkeley, CA 94710
(510)486-0900 Phone
(510)486-0532 Fax

AIR TESTING CHAIN OF CUSTODY
& PURCHASE ORDER

Chain of Custody # : _____

C&T LOGIN # 304063

Project No: 983-01
Project Name: De Anza Properties
EDD Format: _____ Rpt Level: II III IV
Turnaround Time: ☐ RUSH _____ ☒ Standard

Sampler: F. Cook
Report To: Apri Ghuman
Company : ARTI
Telephone: 415-467-9000
Email: asghuman@applied.us.com

Lab No.	Sample ID.	Sampling Information					TESTING REQUESTED				
		Date Collected	Time Collected	Canister ID (Bar Code #)	Flow Controller ID	Sample Volume (Gauge Reading)	TO-15	Helium			
	B7-11.5	10-10-18	12:00	448	318	-5	X	X			
	B7-8.0	"	12:30	051	274	-5	X	X			

Notes:

RELINQUISHED BY:

10-10-18 DATE/TIME

10-10-18 1741 DATE/TIME

DATE/TIME

RECEIVED BY:

1409 DATE/TIME

10/10/18 1741 DATE/TIME

DATE/TIME

COOLER RECEIPT CHECKLIST Curtis & Tompkins, Ltd.

Login # 304063 Date Received 10/10/18 Number of coolers Ø
Client ALMAR Project 983-01

Date Opened 10/10/18 By (print) BNZ (sign)
Date Logged in ↓ By (print) ↓ (sign) ↓
Date Labeled ↓ By (print) ↓ (sign) ↓

1. Did cooler come with a shipping slip (airbill, etc) YES (NO)
Shipping info

2A. Were custody seals present? .... ☐YES (circle) on cooler on samples ☑NO
How many Name Date
2B. Were custody seals intact upon arrival? YES NO (N/A)
3. Were custody papers dry and intact when received? (YES) NO
4. Were custody papers filled out properly (ink, signed, etc)? (YES) NO
5. Is the project identifiable from custody papers? (If so fill out top of form) (YES) NO
6. Indicate the packing in cooler: (if other, describe)

☐Bubble Wrap ☐Foam blocks ☐Bags ☐None
☐Cloth material ☑Cardboard ☐Styrofoam ☐Paper towels

7. Temperature documentation: * Notify PM if temperature exceeds 6°C

Type of ice used: ☐ Wet ☐ Blue/Gel ☑None Temp(°C)

☐ Temperature blank(s) included? ☐ Thermometer# ☐ IR Gun#

☐ Samples received on ice directly from the field. Cooling process had begun

8. Were Method 5035 sampling containers present? YES (NO)
If YES, what time were they transferred to freezer?
9. Did all bottles arrive unbroken/unopened? (YES) NO
10. Are there any missing / extra samples? YES (NO)
11. Are samples in the appropriate containers for indicated tests? (YES) NO
12. Are sample labels present, in good condition and complete? (YES) NO
13. Do the sample labels agree with custody papers? (YES) NO
14. Was sufficient amount of sample sent for tests requested? (YES) NO
15. Are the samples appropriately preserved? YES NO (N/A)
16. Did you check preservatives for all bottles for each sample? YES NO (N/A)
17. Did you document your preservative check? (pH strip lot#) YES NO (N/A)
18. Did you change the hold time in LIMS for unpreserved VOAs? YES NO (N/A)
19. Did you change the hold time in LIMS for preserved terracores? YES NO (N/A)
20. Are bubbles > 6mm absent in VOA samples? YES NO (N/A)
21. Was the client contacted concerning this sample delivery? YES (NO)
If YES, Who was called? By Date:

COMMENTS

Laboratory Job Number 304063

Subcontracted Products

Enthalpy Analytical (Orange)

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client:	Enthalpy - Berkeley
Address:	2323 Fifth Street Berkeley, CA 94710
Attn:	Will Rice
Comments:	Project Number: 304063 Site: DeAnza Properties

Lab Request:	407664
Report Date:	10/25/2018
Date Received:	10/19/2018
Client ID:	15279

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
407664-002	B7-8.0

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

PRELIMINARY

Please use the data with caution as the results are preliminary and they have not undergone complete QC validation and/or second party review. The data is subject to change upon final review.

Preliminary report generated by: Lisa Nguyen, PM

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix:	Air	**Client:**	Enthalpy - Berkeley	**Collector:**	Client
Sampled:	10/10/2018 12:30	**Site:**			
Sample #:	**407664-002**	**Client Sample #:**	B7-8.0	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA TO-15 Prep Method: Method							QCBatchID: QC1196837		
1,1,1-Trichloroethane	ND	1	1.1	5.5	ug/m3		10/19/18 21:25	ZZ	
1,1,2,2-Tetrachloroethane	ND	1	1.38	6.9	ug/m3		10/19/18 21:25	ZZ	
1,1,2-Trichloroethane	ND	1	1.1	5.5	ug/m3		10/19/18 21:25	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	1	1.54	7.7	ug/m3		10/19/18 21:25	ZZ	
1,1-Dichloroethane	ND	1	0.82	4.1	ug/m3		10/19/18 21:25	ZZ	
1,1-Dichloroethene	ND	1	0.8	4	ug/m3		10/19/18 21:25	ZZ	
1,2,4-Trichlorobenzene	ND	1	1.48	7.4	ug/m3		10/19/18 21:25	ZZ	
1,2,4-Trimethylbenzene	**2.8 J**	1	0.98	4.9	ug/m3		10/19/18 21:25	ZZ	J
1,2-Dibromoethane	ND	1	1.54	7.7	ug/m3		10/19/18 21:25	ZZ	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1	1.4	7	ug/m3		10/19/18 21:25	ZZ	
1,2-Dichlorobenzene	ND	1	1.2	6	ug/m3		10/19/18 21:25	ZZ	
1,2-Dichloroethane	ND	1	0.82	4.1	ug/m3		10/19/18 21:25	ZZ	
1,2-Dichloropropane	ND	1	0.92	4.6	ug/m3		10/19/18 21:25	ZZ	
1,3,5-Trimethylbenzene	ND	1	0.98	4.9	ug/m3		10/19/18 21:25	ZZ	
1,3-Butadiene	ND	1	0.44	2.2	ug/m3		10/19/18 21:25	ZZ	
1,3-Dichlorobenzene	ND	1	1.2	6	ug/m3		10/19/18 21:25	ZZ	
1,4-Dichlorobenzene	ND	1	1.2	6	ug/m3		10/19/18 21:25	ZZ	
2-Butanone (MEK)	ND	1	7.4	14.8	ug/m3		10/19/18 21:25	ZZ	
2-Hexanone	ND	1	0.82	4.1	ug/m3		10/19/18 21:25	ZZ	
4-Ethyltoluene	**1.1 J**	1	0.98	4.9	ug/m3		10/19/18 21:25	ZZ	J
4-Methyl-2-pentanone (MIBK)	**4.2**	1	0.82	4.1	ug/m3		10/19/18 21:25	ZZ	
Acetone	**32.7**	1	5.9	11.8	ug/m3		10/19/18 21:25	ZZ	
Benzene	**13.2**	1	0.64	3.2	ug/m3		10/19/18 21:25	ZZ	
Benzyl Chloride	ND	1	1.04	5.2	ug/m3		10/19/18 21:25	ZZ	
Bromodichloromethane	ND	1	1.34	6.7	ug/m3		10/19/18 21:25	ZZ	
Bromoform	ND	1	2.06	10.3	ug/m3		10/19/18 21:25	ZZ	
Bromomethane	ND	1	0.78	3.9	ug/m3		10/19/18 21:25	ZZ	
Carbon disulfide	ND	1	0.62	3.1	ug/m3		10/19/18 21:25	ZZ	
Carbon Tetrachloride	ND	1	1.26	6.3	ug/m3		10/19/18 21:25	ZZ	
Chlorobenzene	ND	1	0.92	4.6	ug/m3		10/19/18 21:25	ZZ	
Chloroethane	ND	1	0.52	2.6	ug/m3		10/19/18 21:25	ZZ	
Chloroform	ND	1	0.98	4.9	ug/m3		10/19/18 21:25	ZZ	
Chloromethane	ND	1	0.42	2.1	ug/m3		10/19/18 21:25	ZZ	
cis-1,2-Dichloroethene	ND	1	0.8	4	ug/m3		10/19/18 21:25	ZZ	
cis-1,3-dichloropropene	ND	1	0.9	4.5	ug/m3		10/19/18 21:25	ZZ	
Dichlorodifluoromethane	ND	1	0.98	4.9	ug/m3		10/19/18 21:25	ZZ	
Ethylbenzene	**1.8 J**	1	0.86	4.3	ug/m3		10/19/18 21:25	ZZ	J
Hexachlorobutadiene	ND	1	2.14	10.7	ug/m3		10/19/18 21:25	ZZ	
Isopropyl alcohol (IPA)	ND	1	6.1	12.2	ug/m3		10/19/18 21:25	ZZ	
m and p-Xylene	**5.9**	1	0.86	4.3	ug/m3		10/19/18 21:25	ZZ	
Methylene chloride	ND	1	0.7	3.5	ug/m3		10/19/18 21:25	ZZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.72	3.6	ug/m3		10/19/18 21:25	ZZ	
o-Xylene	**2.4 J**	1	0.86	4.3	ug/m3		10/19/18 21:25	ZZ	J
Styrene	ND	1	0.86	4.3	ug/m3		10/19/18 21:25	ZZ	
Tetrachloroethene	**4.2 J**	1	1.36	6.8	ug/m3		10/19/18 21:25	ZZ	J
Toluene	**13.1**	1	0.76	3.8	ug/m3		10/19/18 21:25	ZZ	
trans-1,2-dichloroethene	ND	1	0.8	4	ug/m3		10/19/18 21:25	ZZ	
trans-1,3-dichloropropene	ND	1	0.8	4	ug/m3		10/19/18 21:25	ZZ	
Trichloroethene	**5.5**	1	1.08	5.4	ug/m3		10/19/18 21:25	ZZ	
Trichlorofluoromethane	ND	1	1.12	5.6	ug/m3		10/19/18 21:25	ZZ	
Vinyl acetate	ND	1	8.8	17.6	ug/m3		10/19/18 21:25	ZZ	
Vinyl Chloride	ND	1	0.52	2.6	ug/m3		10/19/18 21:25	ZZ	
Xylenes (Total)	**8.3**	1	0.86	4.3	ug/m3		10/19/18 21:25	ZZ	

Matrix:	Air	**Client:**	Enthalpy - Berkeley	**Collector:**	Client
Sampled:	10/10/2018 12:30	**Site:**			
Sample #:	**407664-002**	**Client Sample #:**	B7-8.0	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*117*			*60-140*					
4-Bromofluorobenzene (SUR)	*117*			*60-140*					

QCBatchID: QC1196837	**Analyst:** nicollez		**Method:** EPA TO-15		
Matrix: Air	**Analyzed:** 10/18/2018		**Instrument:** VOA-MS (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1196837MB1					
1,1,1-Trichloroethane	ND	Vppb	0.2	1	
1,1,2,2-Tetrachloroethane	ND	Vppb	0.2	1	
1,1,2-Trichloroethane	ND	Vppb	0.2	1	
1,1,2-Trichlorotrifluoroethane	ND	Vppb	0.2	1	
1,1-Dichloroethane	ND	Vppb	0.2	1	
1,1-Dichloroethene	ND	Vppb	0.2	1	
1,2,4-Trichlorobenzene	ND	Vppb	0.2	1	
1,2,4-Trimethylbenzene	ND	Vppb	0.2	1	
1,2-Dibromoethane	ND	Vppb	0.2	1	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	Vppb	0.2	1	
1,2-Dichlorobenzene	ND	Vppb	0.2	1	
1,2-Dichloroethane	ND	Vppb	0.2	1	
1,2-Dichloropropane	ND	Vppb	0.2	1	
1,3,5-Trimethylbenzene	ND	Vppb	0.2	1	
1,3-Butadiene	ND	Vppb	0.2	1	
1,3-Dichlorobenzene	ND	Vppb	0.2	1	
1,4-Dichlorobenzene	ND	Vppb	0.2	1	
1,4-Dioxane	ND	Vppb	0.2	1	
2-Butanone (MEK)	ND	Vppb	2.5	5	
2-Hexanone	ND	Vppb	0.2	1	
4-Ethyltoluene	ND	Vppb	0.2	1	
4-Methyl-2-pentanone (MIBK)	ND	Vppb	0.2	1	
Acetone	ND	Vppb	2.5	5	
Benzene	ND	Vppb	1	1	
Benzyl Chloride	ND	Vppb	0.2	1	
Bromodichloromethane	ND	Vppb	0.2	1	
Bromoform	ND	Vppb	0.2	1	
Bromomethane	ND	Vppb	0.2	1	
Carbon disulfide	ND	Vppb	0.2	1	
Carbon Tetrachloride	**0.4 J**	Vppb	0.2	1	
Chlorobenzene	ND	Vppb	0.2	1	
Chlorodibromomethane	ND	Vppb	0.2	1	
Chloroethane	ND	Vppb	0.2	1	
Chloroform	**0.3 J**	Vppb	0.2	1	
Chloromethane	ND	Vppb	0.2	1	
cis-1,2-Dichloroethene	ND	Vppb	0.2	1	
cis-1,3-dichloropropene	ND	Vppb	0.2	1	
Cyclohexane	ND	Vppb	0.2	1	
Dichlorodifluoromethane	ND	Vppb	0.2	1	
Ethanol	ND	Vppb	2.5	5	
Ethyl Acetate	ND	Vppb	0.2	2	
Ethylbenzene	ND	Vppb	1	1	
Heptane	ND	Vppb	0.2	1	
Hexachlorobutadiene	ND	Vppb	0.2	1	
Hexane	ND	Vppb	0.2	1	
Isopropyl alcohol (IPA)	ND	Vppb	2.5	5	
m and p-Xylene	ND	Vppb	1	1	
Methylene chloride	ND	Vppb	0.2	1	
Methyl-t-butyl Ether (MTBE)	ND	Vppb	1	1	
o-Xylene	ND	Vppb	1	1	
Propene	ND	Vppb	0.2	1	
Styrene	ND	Vppb	0.2	1	

QCBatchID: QC1196837	**Analyst:** nicollez		**Method:** EPA TO-15		
Matrix: Air	**Analyzed:** 10/18/2018		**Instrument:** VOA-MS (group)		

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1196837MB1					
Tetrachloroethene	ND	Vppb	0.2	1	
Toluene	ND	Vppb	1	1	
trans-1,2-dichloroethene	ND	Vppb	0.2	1	
trans-1,3-dichloropropene	ND	Vppb	0.2	1	
Trichloroethene	ND	Vppb	0.2	1	
Trichlorofluoromethane	ND	Vppb	0.2	1	
Vinyl acetate	ND	Vppb	2.5	5	
Vinyl Chloride	ND	Vppb	0.2	1	
Xylenes (Total)	ND	Vppb	1	1	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1196837DUP1						**Source: 407630-001**
Benzene	1410	1530	Vppb	8.2	20	
Ethylbenzene	1040	1000	Vppb	3.9	20	
m and p-Xylene	3830	3750	Vppb	2.1	20	
Methyl-t-butyl Ether (MTBE)	4250	4270	Vppb	0.5	20	
o-Xylene	1240	1220	Vppb	1.6	20	
Toluene	2250	2280	Vppb	1.3	20	
Xylenes (Total)	5070	4970	Vppb	2.0	20	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

Enthalpy Berkeley

2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

407664

Project Number: 304063
Site: DeAnza Properties

Subcontract Laboratory:
Enthalpy Analytical (Orange)
931 W Barkley Avenue
Orange, CA 92868
(714) 771-9923
ATTN: Lisa Nguyen

Results due: Report Level: II

Please send report to: Will Rice (will.rice@enthalpy.com)
*** Please report using Sample ID rather than Enthalpy (Berkeley) Lab #.

Sample ID	Sampled	Matrix	Analysis	Lab #	Comments
B7-11.5	10/10 12:00	Air	TO15	304063-001	
B7-8.0	10/10 12:30	Air	TO15	304063-002	

Notes:	Relinquished By:	Received By:
	10/18 18:00	
	Date/Time:	Date/Time: 10/19/18 1000AM
	Date/Time:	Date/Time:

Signature on this form constitutes a firm Purchase Order for the services requested above.

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Enthalpy - Berkeley Project: 304063

Date Received: 10/19/18 Sampler's Name Present: ☐ Yes ☑ No

Section 2

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☑ No (skip section 2) Sample Temp (°C) (No Cooler): ambient

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Sample B7-11.5 was not received.

Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: LN Date/Time 10/19/18

☑ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 10/19/18

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ORIGIN ID:JEMA (510) 486-0900
SAMPLE CONTROL
ENTHALPY ANALYTICAL
2323 5TH STREET

BERKELEY, CA 94710
UNITED STATES US

SHIP DATE: 18OCT18
ACTWGT: 30.00 LB
CAD: 7603800/INET4040
DIMS: 17x18x16 IN

BILL SENDER

TO SAMPLE CONTROL
ENTHALPY ANALYTICAL LLC.
931 W. BARKLEY

ORANGE CA 92868
(714) 771-6900 REF:
INV:
PO: DEPT:

552J1/88FB/DCA5

FedEx Express

E

J182118881501uv

FRI - 19 OCT 3:00P
STANDARD OVERNIGHT

TRK# 0201 7735 1610 3992

92868
CA-US SNA

92 APVA

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ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304063	Location:	DeAnza Properties
Client:	Almar Environmental	Prep:	METHOD
Project#:	983-01	Analysis:	ASTM D1946-90
Analyte:	Helium	Batch#:	264433
Matrix:	Air	Sampled:	10/10/18
Units:	ppmv	Received:	10/10/18
Units (Mol %):	MOL %	Analyzed:	10/11/18

Field ID	Type	Lab ID	Result	RL	Result (Mol %)	RL	Diln Fac
B7-11.5	SAMPLE	304063-001	ND	2,000	ND	0.20	2.010
B7-8.0	SAMPLE	304063-002	ND	2,000	ND	0.20	1.960
	BLANK	QC951355	ND	1,000	ND	0.10	1.000

ND= Not Detected
RL= Reporting Limit
Result Mol %= Result in Mole Percent

Batch QC Report

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	304063	Location:	DeAnza Properties
Client:	Almar Environmental	Prep:	METHOD
Project#:	983-01	Analysis:	ASTM D1946-90
Analyte:	Helium	Units (Mol %):	MOL %
Field ID:	ZZZZZZZZZZ	Batch#:	264433
MSS Lab ID:	304034-001	Sampled:	10/05/18
Matrix:	Air	Received:	10/09/18
Units:	ppmv	Analyzed:	10/11/18

Type	Lab ID	MSS Result	Spiked	Result	RL	Result (Mol %)	RL	%REC	Limits	RPD	Lim	Diln Fac
BS	QC951352		100,000	83,280				83	70-130			1.000
BSD	QC951353		100,000	83,340				83	70-130	0	20	1.000
SDUP	QC951356	<1,810		ND	1,810	ND	0.1810			NC	30	1.810

NC= Not Calculated
ND= Not Detected
RL= Reporting Limit
RPD= Relative Percent Difference
Result Mol %= Result in Mole Percent

Enthalpy Analytical, LLC
931 W. Barkley Ave - Orange, CA 92868
Tel: (714)771-6900 Fax: (714)538-1209
www.enthalpy.com
info-sc@enthalpy.com

MONTROSE ENVIRONMENTAL

Client: Enthalpy - Berkeley
Address: 2323 Fifth Street
Berkeley, CA 94710

Attn: Will Rice

Comments: Project Number: 304063
Site: DeAnza Properties

Lab Request: 407664
Report Date: 10/26/2018
Date Received: 10/19/2018
Client ID: 15279

This laboratory request covers the following listed samples which were analyzed for the parameters indicated on the attached Analytical Result Report. All analyses were conducted using the appropriate methods. Methods accredited by NELAC are indicated on the report. This cover letter is an integral part of the final report.

Sample #	Client Sample ID
407664-001	B7-11.5

Thank you for the opportunity to be of service to your company. Please feel free to call if there are any questions regarding this report or if we can be of further service.

PRELIMINARY

Please use the data with caution as the results are preliminary and they have not undergone complete QC validation and/or second party review. The data is subject to change upon final review.

Preliminary report generated by: Lisa Nguyen, PM

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 60 days from date received.

Matrix:	Air	**Client:**	Enthalpy - Berkeley	**Collector:**	Client
Sampled:	10/10/2018 12:00	**Site:**			
Sample #:	**407664-001**	**Client Sample #:**	B7-11.5	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Method: EPA TO-15	Prep Method: Method						QCBatchID: QC1196992		
1,1,1-Trichloroethane	**4.5**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,1,2,2-Tetrachloroethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,1,2-Trichloroethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,1,2-Trichlorotrifluoroethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,1-Dichloroethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,1-Dichloroethene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,2,4-Trichlorobenzene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,2,4-Trimethylbenzene	**0.5 J**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	J
1,2-Dibromoethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,2-Dichlorobenzene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,2-Dichloroethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,2-Dichloropropane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,3,5-Trimethylbenzene	**0.3 J**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	J
1,3-Butadiene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,3-Dichlorobenzene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
1,4-Dichlorobenzene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
2-Butanone (MEK)	ND	1	2.5	5	Vppb		10/26/18 08:07	ZZ	
2-Hexanone	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
4-Ethyltoluene	**0.5 J**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	J
4-Methyl-2-pentanone (MIBK)	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Acetone	**8.8**	1	2.5	5	Vppb		10/26/18 08:07	ZZ	
Benzene	**8.5**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Benzyl Chloride	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Bromodichloromethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Bromoform	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Bromomethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Carbon disulfide	**0.9 J**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	J
Carbon Tetrachloride	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Chlorobenzene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Chloroethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Chloroform	**1.3**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Chloromethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
cis-1,2-Dichloroethene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
cis-1,3-dichloropropene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Dichlorodifluoromethane	**0.3 J**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	J
Ethylbenzene	**1.0**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Hexachlorobutadiene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Isopropyl alcohol (IPA)	ND	1	2.5	5	Vppb		10/26/18 08:07	ZZ	
m and p-Xylene	**3.6**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Methylene chloride	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Methyl-t-butyl Ether (MTBE)	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
o-Xylene	**1.4**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Styrene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Tetrachloroethene	**3.0**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Toluene	**9.3**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
trans-1,2-dichloroethene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
trans-1,3-dichloropropene	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Trichloroethene	**2.1**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Trichlorofluoromethane	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Vinyl acetate	ND	1	2.5	5	Vppb		10/26/18 08:07	ZZ	
Vinyl Chloride	ND	1	0.2	1	Vppb		10/26/18 08:07	ZZ	
Xylenes (Total)	**4.9**	1	0.2	1	Vppb		10/26/18 08:07	ZZ	

PRELIMINARY RESULTS

Matrix:	Air	**Client:**	Enthalpy - Berkeley	**Collector:**	Client
Sampled:	10/10/2018 12:00	**Site:**			
Sample #:	**407664-001**	**Client Sample #:**	B7-11.5	**Sample Type:**	

Analyte	Result	DF	MDL	RDL	Units	Prepared	Analyzed	By	Notes
Surrogate	*% Recovery*			*Limits*	*Notes*				
4-Bromofluorobenzene (SUR)	*107*			*60-140*					
4-Bromofluorobenzene (SUR)				*60-140*					

QCBatchID: QC1196992	**Analyst:** nicollez		**Method:** EPA TO-15		
Matrix: Air	**Analyzed:** 10/25/2018		**Instrument:** VOA-MS (group)		

Blank Summary

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1196992MB1					
1,1,1-Trichloroethane	ND	Vppb	0.2	1	
1,1,2,2-Tetrachloroethane	ND	Vppb	0.2	1	
1,1,2-Trichloroethane	ND	Vppb	0.2	1	
1,1,2-Trichlorotrifluoroethane	ND	Vppb	0.2	1	
1,1-Dichloroethane	ND	Vppb	0.2	1	
1,1-Dichloroethene	ND	Vppb	0.2	1	
1,1-Difluoroethane	ND	Vppb	1	1	
1,2,4-Trichlorobenzene	ND	Vppb	0.2	1	
1,2,4-Trimethylbenzene	ND	Vppb	0.2	1	
1,2-Dibromoethane	ND	Vppb	0.2	1	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	Vppb	0.2	1	
1,2-Dichlorobenzene	ND	Vppb	0.2	1	
1,2-Dichloroethane	ND	Vppb	0.2	1	
1,2-Dichloropropane	ND	Vppb	0.2	1	
1,3,5-Trimethylbenzene	ND	Vppb	0.2	1	
1,3-Butadiene	ND	Vppb	0.2	1	
1,3-Dichlorobenzene	ND	Vppb	0.2	1	
1,4-Dichlorobenzene	ND	Vppb	0.2	1	
2-Butanone (MEK)	ND	Vppb	2.5	5	
2-Hexanone	ND	Vppb	0.2	1	
4-Ethyltoluene	ND	Vppb	0.2	1	
4-Methyl-2-pentanone (MIBK)	ND	Vppb	0.2	1	
Acetone	ND	Vppb	2.5	5	
Benzene	ND	Vppb	0.2	1	
Benzyl Chloride	ND	Vppb	0.2	1	
Bromodichloromethane	ND	Vppb	0.2	1	
Bromoform	ND	Vppb	0.2	1	
Bromomethane	ND	Vppb	0.2	1	
Carbon disulfide	ND	Vppb	0.2	1	
Carbon Tetrachloride	ND	Vppb	0.2	1	
Chlorobenzene	ND	Vppb	0.2	1	
Chloroethane	ND	Vppb	0.2	1	
Chloroform	ND	Vppb	0.2	1	
Chloromethane	ND	Vppb	0.2	1	
cis-1,2-Dichloroethene	ND	Vppb	0.2	1	
cis-1,3-dichloropropene	ND	Vppb	0.2	1	
Dichlorobenzenes (Total)	ND	Vppb	0.2	1	
Dichlorodifluoromethane	ND	Vppb	0.2	1	
Ethylbenzene	ND	Vppb	0.2	1	
Heptane	ND	Vppb	0.2	1	
Hexachlorobutadiene	ND	Vppb	0.2	1	
Hexane	ND	Vppb	0.2	1	
Isobutane	ND	Vppb			
Isopropyl alcohol (IPA)	ND	Vppb	2.5	5	
m and p-Xylene	ND	Vppb	0.2	1	
Methylene chloride	ND	Vppb	0.2	1	
Methyl-t-butyl Ether (MTBE)	ND	Vppb	0.2	1	
Naphthalene	ND	Vppb	5	5	
o-Xylene	ND	Vppb	0.2	1	
Styrene	ND	Vppb	0.2	1	
Tetrachloroethene	ND	Vppb	0.2	1	
Toluene	ND	Vppb	0.2	1	

QCBatchID: QC1196992	**Analyst:** nicollez	**Method:** EPA TO-15	
Matrix: Air	**Analyzed:** 10/25/2018	**Instrument:** VOA-MS (group)	

Analyte	Blank Result	Units	MDL	RDL	Notes
QC1196992MB1					
trans-1,2-dichloroethene	ND	Vppb	0.2	1	
trans-1,3-dichloropropene	ND	Vppb	0.2	1	
Trichloroethene	ND	Vppb	0.2	1	
Trichlorofluoromethane	ND	Vppb	0.2	1	
Vinyl acetate	ND	Vppb	2.5	5	
Vinyl Chloride	ND	Vppb	0.2	1	
Xylenes (Total)	ND	Vppb	0.2	1	

Duplicate Summary

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1196992DUP1						**Source: 407664-001**
1,1,1-Trichloroethane	4.5	4.5	Vppb	0.0	30	
1,1,2,2-Tetrachloroethane	ND	ND	Vppb	0.0	30	
1,1,2-Trichloroethane	ND	ND	Vppb	0.0	30	
1,1,2-Trichlorotrifluoroethane	ND	ND	Vppb	0.0	30	
1,1-Dichloroethane	ND	ND	Vppb	0.0	30	
1,1-Dichloroethene	ND	ND	Vppb	0.0	30	
1,2,4-Trichlorobenzene	ND	ND	Vppb	0.0	30	
1,2,4-Trimethylbenzene	0.5	0.5	Vppb	0.0	30	
1,2-Dibromoethane	ND	ND	Vppb	0.0	30	
1,2-Dichloro-1,1,2,2-tetrafluoroethane	ND	ND	Vppb	0.0	30	
1,2-Dichlorobenzene	ND	ND	Vppb	0.0	30	
1,2-Dichloroethane	ND	ND	Vppb	0.0	30	
1,2-Dichloropropane	ND	ND	Vppb	0.0	30	
1,3,5-Trimethylbenzene	0.3	0.3	Vppb	0.0	30	
1,3-Butadiene	ND	ND	Vppb	0.0	30	
1,3-Dichlorobenzene	ND	ND	Vppb	0.0	30	
1,4-Dichlorobenzene	ND	ND	Vppb	0.0	30	
2-Butanone (MEK)	ND	ND	Vppb	0.0	30	
2-Hexanone	ND	ND	Vppb	0.0	30	
4-Ethyltoluene	0.5	0.5	Vppb	0.0	30	
4-Methyl-2-pentanone (MIBK)	ND	ND	Vppb	0.0	30	
Acetone	8.8	8.8	Vppb	0.0	30	
Benzene	8.5	8.0	Vppb	6.1	30	
Benzyl Chloride	ND	ND	Vppb	0.0	30	
Bromodichloromethane	ND	ND	Vppb	0.0	30	
Bromoform	ND	ND	Vppb	0.0	30	
Bromomethane	ND	ND	Vppb	0.0	30	
Carbon disulfide	0.9	0.9	Vppb	0.0	30	
Carbon Tetrachloride	ND	ND	Vppb	0.0	30	
Chlorobenzene	ND	ND	Vppb	0.0	30	
Chloroethane	ND	ND	Vppb	0.0	30	
Chloroform	1.3	1.2	Vppb	8.0	30	
Chloromethane	ND	ND	Vppb	0.0	30	
cis-1,2-Dichloroethene	ND	ND	Vppb	0.0	30	
cis-1,3-dichloropropene	ND	ND	Vppb	0.0	30	
Dichlorodifluoromethane	0.3	0.4	Vppb	28.6	30	
Ethylbenzene	1.0	1.0	Vppb	0.0	30	
Hexachlorobutadiene	ND	ND	Vppb	0.0	30	
Isopropyl alcohol (IPA)	ND	ND	Vppb	0.0	30	
m and p-Xylene	3.6	3.4	Vppb	5.7	30	
Methylene chloride	ND	ND	Vppb	0.0	30	

QCBatchID: QC1196992 **Analyst:** nicollez **Method:** EPA TO-15

Matrix: Air **Analyzed:** 10/25/2018 **Instrument:** VOA-MS (group)

Analyte	Sample Amount	Duplicate Amount	Units	RPD	Limits RPD	Notes
QC1196992DUP1						**Source: 407664-001**
Methyl-t-butyl Ether (MTBE)	ND	ND	Vppb	0.0	30	
o-Xylene	1.4	1.4	Vppb	0.0	30	
Styrene	ND	ND	Vppb	0.0	30	
Tetrachloroethene	3.0	2.9	Vppb	3.4	30	
Toluene	9.3	8.8	Vppb	5.5	30	
trans-1,2-dichloroethene	ND	ND	Vppb	0.0	30	
trans-1,3-dichloropropene	ND	ND	Vppb	0.0	30	
Trichloroethene	2.1	2.1	Vppb	0.0	30	
Trichlorofluoromethane	0.2	0.2	Vppb	0.0	30	
Vinyl acetate	ND	ND	Vppb	0.0	30	
Vinyl Chloride	ND	ND	Vppb	0.0	30	
Xylenes (Total)	4.9	4.7	Vppb	4.2	30	

Data Qualifiers and Definitions

Qualifiers

A	See Report Comments.
B	Analyte was present in an associated method blank.
B1	Analyte was present in a sample and associated method blank greater than MDL but less than RDL.
BQ1	No valid test replicates. Sample Toxicity is possible. Best result was reported.
BQ2	No valid test replicates.
BQ3	No valid test replicates. Final DO is less than 1.0 mg/L. Result may be greater.
BQ4	Minor Dissolved Oxygen loss was observed in the blank water check, however, the LCS was within criteria, validating the batch.
BQ5	Minor Dissolved Oxygen loss was observed in the blank water check.
C	Possible laboratory contamination.
D	RPD was not within control limits. The sample data was reported without further clarification.
D1	Lesser amount of sample was used due to insufficient amount of sample supplied.
D2	Reporting limit is elevated due to sample matrix. Target analyte was not detected above the elevated reporting limit.
D3	Insufficient sample was supplied for TCLP. Client was notified. TCLP was performed per the Client's instructions.
DW	Sample result is calculated on a dry weigh basis.
E	Concentration is estimated because it exceeds the quantification limits of the method.
I	The sample was read outside of the method required incubation period.
IR	Inconclusive Result. Legionella is present, however, there is possible non-specific agglutination preventing specific identification.
J	Reported value is estimated
L	The laboratory control sample (LCS) or laboratory control sample duplicate (LCSD) was out of control limits. Associated sample data was reported with qualifier.
L2	LCS did not meet recovery criteria, however, the MS and/or MSD met LCS recovery criteria, validating the batch.
M	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits due to matrix interference. The associated LCS and/or LCSD was within control limits and the sample data was reported without further clarification.
M1	The matrix spike (MS) or matrix spike duplicate (MSD) is not within control limits due to matrix interference.
M2	The matrix spike (MS) or matrix spike duplicate (MSD) was not within control limits. The associated LCS and/or LCSD was not within control limits. Sample result is estimated.
N1	Sample chromatography does not match the specified TPH standard pattern.
NC	The analyte concentration in the sample exceeded the spike level by a factor of four or greater, spike recovery and limits do not apply.
P	Sample was received without proper preservation according to EPA guidelines.
P1	Temperature of sample storage refrigerator was out of acceptance limits.
P2	The sample was preserved within 24 hours of collection in accordance with EPA 218.6.
P3	Per Client request, sample was composited for volatile analysis. Sample compositing for volatile analysis is not recommended due to potential loss of target analytes. Results may be biased low.
Q1	Analyte Calibration Verification exceeds criteria. The result is estimated.
Q2	Analyte calibration was not verified and the result was estimated.
Q3	Analyte initial calibration was not available or exceeds criteria. The result was estimated.
S	The surrogate recovery was out of control limits due to matrix interference. The associated method blank surrogate recovery was within control limits and the sample data was reported without further clarification.
S1	The associated surrogate recovery was out of control limits; result is estimated.
S2	The surrogate was diluted out due to the presence of high concentrations of target and/or non-target compounds. Surrogate recoveries in the associated batch QC met recovery criteria.
S3	Internal Standard did not meet recovery limits. Analyte concentration is estimated.
T	Sample was extracted/analyzed past the holding time.
T1	Reanalysis was reported past hold time due to failing replicates in the original analysis (BOD only).
T2	Sample was analyzed ASAP but received and analyzed past the 15 minute holding time.
T3	Sample received and analyzed out of hold time per client's request.
T4	Sample was analyzed out of hold time per client's request.
T5	Reanalysis was reported past hold time. The original analysis was within hold time, but not reportable.
T6	Hold time is indeterminable due to unspecified sampling time.
T7	Sample was analyzed past hold time due to insufficient time remaining at time of receipt.

Definitions

DF	Dilution Factor
MDL	Method Detection Limit. Result is reported ND when it is less than or equal to MDL.
ND	Analyte was not detected or was less than the detection limit.
NR	Not Reported. See Report Comments.
RDL	Reporting Detection Limit
TIC	Tentatively Identified Compounds

Enthalpy Berkeley

2323 Fifth Street
Berkeley, CA 94710
(510) 486-0900
(510) 486-0532

407664

Project Number: 304063
Site: DeAnza Properties

Subcontract Laboratory:
Enthalpy Analytical (Orange)
931 W Barkley Avenue
Orange, CA 92868
(714) 771-9923
ATTN: Lisa Nguyen

Results due: Report Level: II

Please send report to: Will Rice (will.rice@enthalpy.com)
*** Please report using Sample ID rather than Enthalpy (Berkeley) Lab #.

Sample ID	Sampled	Matrix	Analysis	Lab #	Comments
B7-11.5	10/10 12:00	Air	TO15	304063-001	
B7-8.0	10/10 12:30	Air	TO15	304063-002	

Notes:	Relinquished By:	Received By:
	10/18 18:00	
	Date/Time:	Date/Time: 10/19/18 1000AM
	Date/Time:	Date/Time:

Signature on this form constitutes a firm Purchase Order for the services requested above.

ENTHALPY ANALYTICAL

SAMPLE ACCEPTANCE CHECKLIST

Section 1

Client: Enthalpy - Berkeley Project: 304063

Date Received: 10/19/18 Sampler's Name Present: ☐ Yes ☑ No

Section 2

Sample(s) received in a cooler? ☐ Yes, How many? _____ ☑ No (skip section 2) Sample Temp (°C) (No Cooler): ambient

Sample Temp (°C), One from each cooler: #1: _____ #2: _____ #3: _____ #4: _____

(Acceptance range is < 6°C but not frozen (for Microbiology samples, acceptance range is < 10°C but not frozen). It is acceptable for samples collected the same day as sample receipt to have a higher temperature as long as there is evidence that cooling has begun.)

Shipping Information: _____

Section 3

Was the cooler packed with: ☐ Ice ☐ Ice Packs ☐ Bubble Wrap ☐ Styrofoam ☐ Paper ☐ None ☐ Other _____

Cooler Temp (°C): #1: _____ #2: _____ #3: _____ #4: _____

Section 4	YES	NO	N/A
Was a COC received?	✓		
Are sample IDs present?	✓		
Are sampling dates & times present?	✓		
Is a relinquished signature present?	✓		
Are the tests required clearly indicated on the COC?	✓		
Are custody seals present?		✓	
If custody seals are present, were they intact?			✓
Are all samples sealed in plastic bags? (Recommended for Microbiology samples)			✓
Did all samples arrive intact? If no, indicate in Section 4 below.	✓		
Did all bottle labels agree with COC? (ID, dates and times)	✓		
Were the samples collected in the correct containers for the required tests?	✓		
Are the containers labeled with the correct preservatives?			✓
Is there headspace in the VOA vials greater than 5-6 mm in diameter?			✓
Was a sufficient amount of sample submitted for the requested tests?	✓		

Section 5 Explanations/Comments

Sample B7-11.5 was not received.

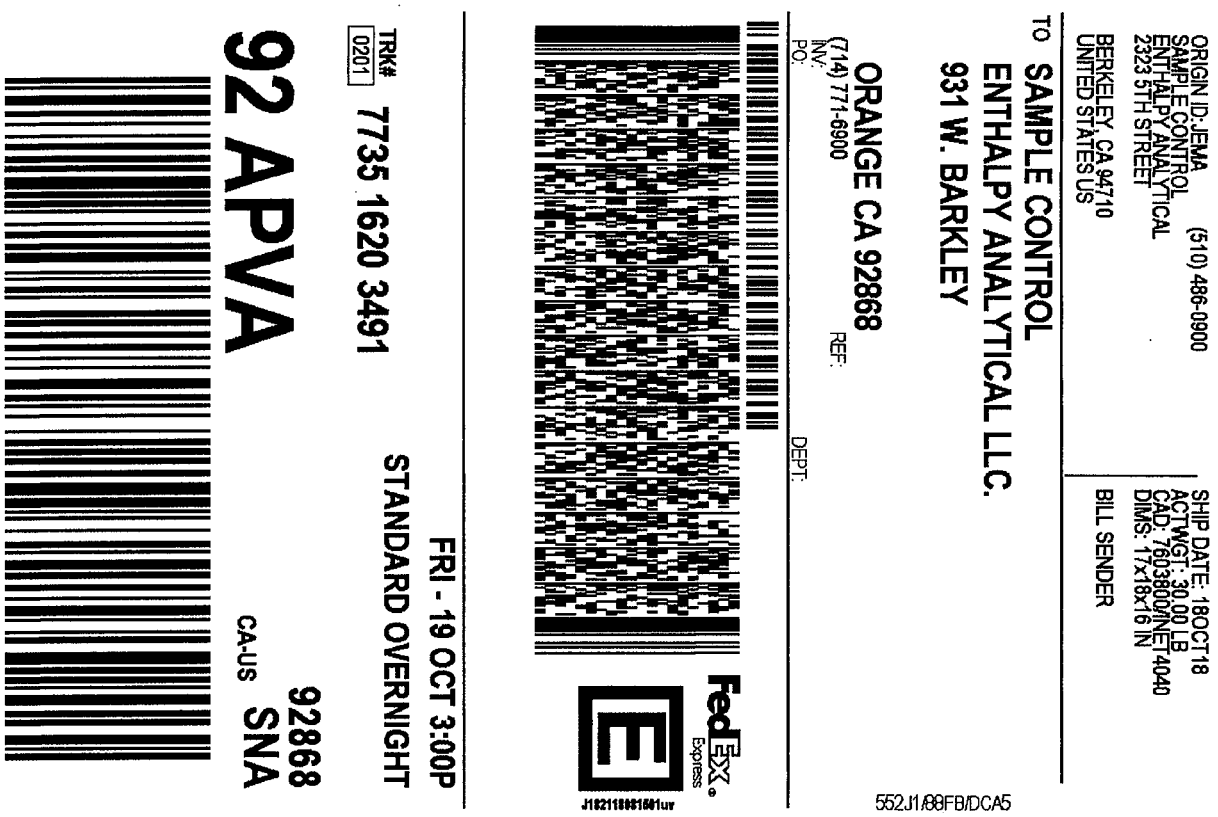
Section 6

For discrepancies, how was the Project Manager notified? ☐ Verbal PM Initials: LN Date/Time 10/19/18

☑ Email (email sent to/on): _____ / _____

Project Manager's response:

Completed By: _____ Date: 10/19/18



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APPENDIX “D”

LIMITATIONS

This report has been prepared by Applied Remedial Technologies, Inc. (ARTI) for the exclusive use of *De Anza Properties* and its affiliates (Client) as it pertains to the project site located at 10931 N De Anza Blvd in the City of Cupertino, County of Santa Clara, California.

ARTI professional services have been performed using the degree of care and skill ordinarily exercised under similar circumstances by other engineers, geologists, and/or scientists practicing in this field. No other warranty, express or implied, is made as to the professional advice in this report.

ARTI offers no assurances and assumes no responsibility for site conditions or activities that were outside the Proposed Scope of Work (SOW) outlined in the attached report. In the preparation of this report, ARTI has relied on the accuracy of documents, oral information, and materials provided by others. No warranty is expressed or implied with the usage such information or material. This report may contain recommendations and conclusions, which are generally based on incomplete and/or insufficient information of the site conditions present. However, further engineering and hydrogeological investigation may reveal additional information, which may require the enclosed recommendations and conclusions to be reevaluated.

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The findings set forth in the attached report are strictly limited in time and scope to the date of the services described herein, and not on scientific tasks or procedures beyond the services agreed upon, or the time and budgeting constraints imposed by the Client. Any conditions and factors, including land use and contaminant plume migration, may change over passage of time, additional investigation may be required to update the site conditions (on-site and off-site), which may require the findings in the report to be reevaluated.