Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☒ No | 207 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☒ No | If EPCRA, please sign here: | 300 Add ☐ Revise ☐ Delete ☐

3 Business Name: Wine.com Inc | Business Address: 2220 4th Street

200, 201, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily	Largest Container	221 Units	206 SARA Class	Press. & Temp.
	Liquid Propane Gas	☒ Same as first column		☐ Yes ☒ No	FG	☐ solid ☒ liquid ☐ gas / ☒ pure ☐ mixture / ☐ radioactive	64gal 2,182 CF	32gal APB; 222 Days on site ☒ 365	8gal; 223 Storage Container: cage CYL	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☒ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	Pressure: ☐ ☒ > ☐ <; Temp: ☒ ☐ > ☐ < ☐
		☐ Same as first column		☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas / ☐ pure ☐ mixture / ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	☐ ☐ ☐; ☐ ☐ ☐ ☐
		☐ Same as first column		☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas / ☐ pure ☐ mixture / ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	☐ ☐ ☐; ☐ ☐ ☐ ☐
		☐ Same as first column		☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas / ☐ pure ☐ mixture / ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	☐ ☐ ☐; ☐ ☐ ☐ ☐

210 Hazard Classes: CAR – Carcinogens; CL – Combustible Liquid ; COR – Corrosive; CRY – Cryogenic; EX – Explosive; FG – Flammable Gas; FL – Flammable Liquid; FS – Flammable Solid; HT – Highly Toxic; IRR – Irritant; MISC – Miscellaneous Hazardous Materials; NFG – Nonflammable Gas; OP – Organic Peroxide; OX – Oxydizer; PYRO – Pyrophoric; SENS – Sensitizer; TX – Toxic; UR – Unstable Reactive; WR – Water Reactive

223 Storage Container Codes: AGT – Above Ground Tank; B – Bag; BX – Box; C – Can; CB – Carboy; CYL – Cylinder; FD – Fiber Drum; GB – Glass Bottle; PB – Plastic Bottle; PD – Plastic/Nonmetallic Drum; SD – Steel Drum; S – Silo; RC – Rail Car; TB – Tote Bin; TW – Tank Wagon; UST – Underground Tank; O – Other

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Issued to

Name of Facility: WINE.COM		*Customer Identification Number:* CID# 108973
Street Address: 2220 FOURTH STREET	*Mailing Address:* Mike Daniel 2220 Fourth Street	
Permit Type: ☒ Full ☐ Provisional ☐ Temporary	*City/State/ZIP:* Berkeley, CA 94710	

For the following elements of the Unified Hazardous Materials and Hazardous Waste Program

Hazardous Materials Release Response Plan: **HMPA2**	Hazardous Waste Generator Program: **--**
Above Ground Petroleum Storage, SPCC Plan:	Tiered Permit Program for Onsite Treatment of Hazardous Waste:
Universal Waste:	California Accidental Release Prevention Program and/or Federal Risk Management Plan (CalARP):
Underground Storage Tank Program No. of USTs:	Radiological Agents: Etiological Agents: Other:

Certification

I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

Signature of Applicant	*Printed Name and Title*	*Date Signed*

Note: Your Consolidated Permit and Registration is granted subject to compliance with the permit conditions described on the reverse side of this page.

FOR OFFICE USE ONLY

Effective Date: March 1, 2013	**Expiration Date:** March 1, 2014		*Machine Validation / Official Receipt*
Issue Date: July 1, 2013		**Approved By: Nabil Al-Hadithy**	

G:\TOXICS\CUPA\PERMIT\00PERMTS\

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION
City of Berkeley Toxics Management Division

CONDITIONS:

In order to maintain this Consolidated Permit and Registration, the permittee/registrant must comply with the following:

1. This permit is subject to all applicable local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

2. This permit is not transferable. Any permit or registration issued to a particular person or for a designated place, operation, purpose or object shall not be valid for use by or for any other person, place, operation, purpose or object.

3. The permittee/registrant shall retain this permit at its facility, immediately available upon request by an inspector or the hazardous materials manager.

4. The permittee/registrant shall notify the Toxics Management Division within 30 days of any changes in the operation of the facility that may affect the permit, or changes of the owner or operator.

5. The permittee/registrant shall pay an annual fee as designated each year, and all applicable state surcharge fees.

6. The permittee/registrant shall authorize representatives of the Toxics Management Division to enter the facility for inspection purposes to ascertain compliance and cause correction of any violation of the Unified Program Permit/Registration Conditions and of any applicable ordinances, codes, laws, statutes, rules, or regulations.

7. The permittee/registrant shall take all necessary steps to ensure the discovery, containment and clean up of any confirmed or unconfirmed unauthorized release of any hazardous material/hazardous waste and shall notify the Toxics Management Division of such unauthorized release if the release or threatened release presents or may present a significant threat to human life, property or the environment.

8. For hazardous materials sites, at least 45 days prior to the closure of a regulated unit or the facility, the permittee/registrant will submit a closure application to the Toxics Management Division addressing the appropriate removal of all hazardous materials and hazardous wastes from the facility.

Failure to comply with any of the foregoing conditions may result in revocation of this permit and/or a penalty assessment.

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Name of Facility: WINE.COM		*Customer Identification Number:* CID# 108973
Street Address: 2220 FOURTH STREET	*Mailing Address:* Mike Daniel 2220 Fourth Street	
Permit Type: ☒ Full ☐ Provisional ☐ Temporary	*City/State/ZIP:* Berkeley, CA 94710	

For the following elements of the Unified Hazardous Materials and Hazardous Waste Program

Hazardous Materials Release Response Plan: **HMPA2**	Hazardous Waste Generator Program: **None**
Above Ground Petroleum Storage, SPCC Plan **(If blank then none reported)**:	Tiered Permit Program for Onsite Treatment of Hazardous Waste **(If blank, none reported)**:
Universal Waste **(If blank, no UW reported)**:	California Accidental Release Prevention Program and/or Federal Risk Management Plan (CalARP): **N/A**
Underground Storage Tank Program No. of USTs: **None**	Radiological Agents: None Etiological Agents: None Other: None

Certification

I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

Signature of Applicant	*Printed Name and Title*	*Date Signed*

Note: Your Consolidated Permit and Registration is granted subject to compliance with the permit conditions described on the reverse side of this page.

FOR OFFICE USE ONLY

Effective Date: March 1, 2014	**Expiration Date:** June 30, 2015	**Approved By: Nabil Al-Hadithy**	*Machine Validation / Official Receipt*
Issue Date: May 13, 2014			

2118 Milvia Street, Suite 300, Berkeley, CA 94704
Phone: (510) 981-7460 Fax (510) 981-7470 www.cityofberkeley.info/toxics

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION
City of Berkeley Toxics Management Division

CONDITIONS:

In order to maintain this Consolidated Permit and Registration, the permittee/registrant must comply with the following:

1921. This permit is subject to all applicable local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

1922. This permit is not transferable. Any permit or registration issued to a particular person or for a designated place, operation, purpose or object shall not be valid for use by or for any other person, place, operation, purpose or object.

1923. The permittee/registrant shall retain this permit at its facility, immediately available upon request by an inspector or the hazardous materials manager.

1924. The permittee/registrant shall notify the Toxics Management Division within 30 days of any changes in the operation of the facility that may affect the permit, or changes of the owner or operator.

1925. The permittee/registrant shall pay an annual fee as designated each year, and all applicable state surcharge fees.

1926. The permittee/registrant shall authorize representatives of the Toxics Management Division to enter the facility for inspection purposes to ascertain compliance and cause correction of any violation of the Unified Program Permit/Registration Conditions and of any applicable ordinances, codes, laws, statutes, rules, or regulations.

1927. The permittee/registrant shall take all necessary steps to ensure the discovery, containment and clean up of any confirmed or unconfirmed unauthorized release of any hazardous material/hazardous waste and shall notify the Toxics Management Division of such unauthorized release if the release or threatened release presents or may present a significant threat to human life, property or the environment.

1928. For hazardous materials sites, at least 45 days prior to the closure of a regulated unit or the facility, the permittee/registrant will submit a closure application to the Toxics Management Division addressing the appropriate removal of all hazardous materials and hazardous wastes from the facility.

Failure to comply with any of the foregoing conditions may result in revocation of this permit and/or a penalty assessment.

Beasley, Melanie E.

From: Beasley, Melanie E.
Sent: Tuesday, April 28, 2015 11:35 AM
To: 'mdaniel@wine.com'
Subject: Notice of Violation - Electronic Hazardous Materials Business Plan Submittal

Planning and Development Department
Toxics Management Division

April 28, 2015

ATTENTION: OWNER OR ENVIRONMENTAL COMPLIANCE MANAGER
REGARDING: WINE.COM located at 2220 FOURTH ST, BERKELEY, CA 94710

PLEASE REPLY TO CONFIRM RECEIPT OF THIS EMAIL

This Notice of Violation is being sent to inform WINE.COM that the Toxics Management Division (TMD) has not received the required annual submittal of the electronic Hazardous Materials Business Plan (HMBP). The HMBP submittal was due **March 1, 2015.** The HMBP submittal is required by California Health and Safety Code (HSC) section 25508 and Berkeley Municipal Code Title 15. To avoid formal enforcement, including penalties, **WINE.COM's HMBP must be submitted electronically by May 12, 2015**. Failure to submit by this deadline is a violation subject to permit revocation or suspension and/or enforcement with penalties.

HMBPs are required to be submitted through the TMD's web portal or the California Environmental Reporting System (CERS), http://cers.calepa.ca.gov/. Instructions for submitting the annual HMBP certification are attached to this letter.

The TMD can provide assistance and has a computer available to complete your HMBP submittal. For general assistance and/or to schedule an appointment to complete the HMBP using TMD's computer kiosk, please contact Mary Matambanadzo at (510) 981-7468.

Requests for an extension of time to submit are required to be made in writing or by email at toxics@cityofberkeley.info. For extension requests to be considered, include a statement of circumstances preventing the submittal and estimated time to complete the submittal. For other questions regarding the HMBP program, contact the TMD at (510) 981-7460 and your call will be directed to appropriate staff to address your questions.

Sincerely,

Nabil Al-Hadithy
Hazardous Materials Manager

NOTICE TO PORTAL USERS

The TMD is considering the feasibility and practicality of offering both the web portal and CERS to Berkeley businesses to meet the requirements of the hazardous materials programs. For this reason, we are encouraging businesses to enter their HMBP information into the CERS system, as we anticipate we will be migrating to a single system in the next reporting cycle.

Instructions for accessing your HMBP through the TMD's online web portal.

Step 1: Login to http://www.berkeleycupa.com/ using your username and password. If you have forgotten this information, please click on the **Forgot password?** link on the online portal.

Step 2: On the Portal Home Page, follow the steps on the screen, and ensure that your "mailing", "owner information" and email address are correct and then click on the link to **Proceed to Forms**.

Step 3: Click on the link to the appropriate submission package, and then your Site Address to start a submission.

Step 4: Review each form to ensure the information you provided last year is still accurate. You will need to update the dates on the Business Owner Operator Form. Please ensure that the beginning date, ending date and certification date (located at the bottom of the form) are all updated.

Planning and Development Department
Toxics Management Division

SECOND NOTICE OF VIOLATION

HAZARDOUS MATERIALS BUSINESS PLAN

FINAL DEADLINE TO SUBMIT IS MAY 18, 2015

May 11, 2015

Mike Daniel
2220 Fourth Street
Berkeley, CA 94710

RE: WINE.COM
located at 2220 FOURTH STREET, Berkeley, CA

This is a final notice that the annual submittal of the electronic Hazardous Materials Business Plan (HMBP) was due **March 1, 2015.** The HMBP submittal is required by California Health and Safety Code (HSC) section 25508 and Berkeley Municipal Code Title 15. **The HMBP must be received no later than May 18, 2015** or the Toxics Management Division (TMD) will charge late fees and/or pursue formal enforcement.

The HMBP is required to be submitted through the TMD's online web portal, www.berkeleycupa.com or through the California Environmental Reporting System (CERS), http://cers.calepa.ca.gov/. Instructions for submitting your annual HMBP certification are attached to this letter.

If you need assistance, you may request an appointment prior to the deadline of May 18 with Toxics staff to assist you with your submittal. Please contact Mary Matambanadzo at (510) 981-7468, or by email at toxics@cityofberkeley.info, to schedule an appointment.

In submitting your HMBP please ensure that the current email for your facility is entered correctly.

Sincerely,

Nabil Al-Hadithy
Hazardous Materials Manager

Your HMBP is now accessible through the TMD's online web portal, at http://www.berkeleycupa.com/.

Step 1: Login to http://www.berkeleycupa.com/ using your username and password. If you have forgotten this information, please click on the **Forgot password?** link on the online portal.

Step 2: On the Portal Home Page, follow the Steps on the screen, and ensure that your "mailing", "owner information" and email address are correct and then click on the link to **Proceed to Forms**.

Step 3: Click on the link to the appropriate submission package, and then your Site Address to start a submission.

Step 4: Review each form to ensure the information you provided last year is still accurate. You will need to update the dates on the Business Owner Operator Form. Please ensure that the beginning date, ending date, and certification date (located at the bottom of the form) are all updated.

From: WINE.COM(2220 FOURTH ST /FA0000650) Submitted: Tue Jun 2 2015, 3:44 PM

Print the form contents View a submission summary

Submission History

Status: ACCEPTED Accept Decline Delete

Data Transformation Services

Migrate Data

Review

Make sure to save your Review form by clicking on the Save Changes button before accepting or declining a submission.

Save Changes Cancel Changes

Cover Page Comments

Facility ID FA0000650
Facility Name WINE.COM
Site Address 2220 FOURTH ST
City BERKELEY
Program ID PR0000433
Program Element 4200
Agency's Review Comments
Reviewer's Name Carrie Estadt
Reviewer Email cestadt@cityofberkeley.info
Review Date 06/05/2015
Status 01

no fee category changes ✓

FILE COPY

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Issued to

Name of Facility: WINE.COM	*Customer Identification Number:* CID# 108973
Street Address: 2220 FOURTH STREET	*Mailing Address:* 2220 FOURTH STREET
Permit Type: ☒ Full ☐ Provisional ☐ Temporary	*City/State/ZIP:* BERKELEY, CA 94710

For the following elements of the Unified Hazardous Materials and Hazardous Waste Program

Hazardous Materials Release Response Plan: **A2**	Hazardous Waste Generator Program: **--**
Above Ground Petroleum Storage, SPCC Plan:	Tiered Permit Program for Onsite Treatment of Hazardous Waste:
Universal Waste:	California Accidental Release Prevention Program and/or Federal Risk Management Plan (CalARP):
Underground Storage Tank Program No. of USTs:	Radiological Agents: Etiological Agents:

Certification

I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

Signature of Applicant	*Printed Name and Title*	*Date Signed*

Note: Your Consolidated Permit and Registration is granted subject to compliance with the permit conditions described on the reverse side of this page.

FOR OFFICE USE ONLY

Effective Date:	**Expiration Date:**		*Machine Validation / Official Receipt*
January 01, 2011	March 1, 2013	**Approved By: Nabil Al-Hadithy**	
Issue Date: December 28, 2011			

FILE COPY

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION
City of Berkeley Toxics Management Division

CONDITIONS:

In order to maintain this Consolidated Permit and Registration, the permittee/registrant must comply with the following:

1713. This permit is subject to all applicable local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

1714. This permit is not transferable. Any permit or registration issued to a particular person or for a designated place, operation, purpose or object shall not be valid for use by or for any other person, place, operation, purpose or object.

1715. The permittee/registrant shall retain this permit at its facility, immediately available upon request by an inspector or the hazardous materials manager.

1716. The permittee/registrant shall notify the Toxics Management Division within 30 days of any changes in the operation of the facility that may affect the permit, or changes of the owner or operator.

1717. The permittee/registrant shall pay an annual fee as designated each year, and all applicable state surcharge fees.

1718. The permittee/registrant shall authorize representatives of the Toxics Management Division to enter the facility for inspection purposes to ascertain compliance and cause correction of any violation of the Unified Program Permit/Registration Conditions and of any applicable ordinances, codes, laws, statutes, rules, or regulations.

1719. The permittee/registrant shall take all necessary steps to ensure the discovery, containment and clean up of any confirmed or unconfirmed unauthorized release of any hazardous material/hazardous waste and shall notify the Toxics Management Division of such unauthorized release if the release or threatened release presents or may present a significant threat to human life, property or the environment.

1720. For hazardous materials sites, at least 45 days prior to the closure of a regulated unit or the facility, the permittee/registrant will submit a closure application to the Toxics Management Division addressing the appropriate removal of all hazardous materials and hazardous wastes from the facility.

Failure to comply with any of the foregoing conditions may result in revocation of this permit and/or a penalty assessment.

Saved to Site File: 5/10/17
EC Updated: —
FUND$ Updated: —
Admin Initials: LGC

FEE SUMMARY SHEET

For Permit Period FY18 (Base Reporting Period: 2017)

CERS ID: 10196728

Facility: Wine.com CID: 108973

Address: 2220 Fourth street

Total Aggregate Quantities Stored or Handled at This Facility

(1) The row heading "Hazardous Materials" requires a sum of *all* amounts reported on the Chemical Description pages, including data reported for hazardous wastes. (2) Please don't leave any quantity box blank; if the total number for a particular category is zero, enter 0. (3) If additional programs should be billed (CalARP, APSA, etc.), place an X in the box under the program name.

Quantities Summarized:

Chemicals	CY2017	CY2017	CY2017	Last Reported	FY2018 Permit
	LIQUID	SOLIDS	GASES		
Total number of all chemicals:	-	-	1		1
Total number of waste chemicals:	-	-			
	GALLONS All liquids	POUNDS All solids	CU. FT. All gasses		
Hazardous Materials: *ALL* Chemicals. Sum of *all* Box 218s—Max. Daily Amt	-	-	2,182	HMPA2	HMPA2
Hazardous Wastes: *ONLY* Wastes. Sum of *all* Box 219s— Annual Waste Amt	-	-		—	—

CalARP			Tiered Permit			APSA	
Program 1	Program 2	Program 3	Conditionally Exempt	Conditionally Authorized	Permit by Rule	< 10,000	≥ 10,000

Underground Storage Tanks	Inert Gas	Etiologic	Radiologic	Nano	EPCRA
Number of USTs:					

Additional Billing FY 2016: FY 2017:

Reason:

Inspector: Karl Busche Date: 5 10 17

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

FEE SUMMARY SHEET
For Permit Period FY12 (Base Reporting Period: 2010)

Business Name: Wine.com [CID: 108973]

Address: 2220 Fourth Street

Total Aggregate Quantities Stored or Handled at This Facility

The row heading "Hazardous Materials" requires a sum of all amounts reported on the Chemical Description pages, including data reported for hazardous wastes.

Quantities Summarized:

Chemicals:	CY2010	CY2010	CY2010	Last Reported	FY2012 Permit
	Liquids	***Solids***	***Gases***		
Total number of ***all*** chemicals:	–	–	1		1
Total no. of ***waste*** chemicals:	–	–			
	Gallons ***All liquids***	***Pounds*** ***All solids***	***Cu. Ft.*** ***All gases***		
Hazardous Materials: (***ALL*** Chemicals) - Sum of *all* Box 218s – Max. Daily Amt.	–	–	2,182	A2	A2
Hazardous Wastes: (***ONLY*** Wastes) – Sum of *all* Box 219s – Annual Waste Amt.	–	–		–	–
Underground Storage Tanks: No. of USTs: –					
Universal Waste:	CESQUWG –	HANDLER –	DESTINATION –	Date entered into HTE (and initials)	
Other Billing Categories:	Tiered –	etiologic –	radiologic –		
inert gas fee – / nano –	CalARP –	EPCRA –	APSA –		

Completed by: Andy Date: 8/29/11

City of Berkeley, Toxics Management Division
2118 Milvia Street, Suite 300
Berkeley, CA 94704
(510) 981-7460 FAX (510) 981-7470

Hazardous Materials Business Plan (HMBP) Certification Statement

For Dept Use Only – Log In/Date Stamp

RECEIVED
AUG 26 2011
TOXICS MGMT. DIVISION

I. IDENTIFICATION

BUSINESS NAME (Same as Facility Name or DBA-Doing Business As)
WINE.COM INC.

BUSINESS SITE ADDRESS
2220 FOURTH STREET

CITY: BERKELEY | CA | ZIP CODE: 94710

II. CERTIFICATION STATEMENT

Check the appropriate boxes below and sign the certification statement.

I hereby certify, under penalty of perjury, that the information contained in this Hazardous Materials Business Plan is, to the best of my knowledge, true and correct. I understand that I will be required to show proof of compliance during any facility inspection conducted by City, County, State, or Federal authorities. I understand that whenever there are changes in address, ownership, business name, or operations (closure, addition of undisclosed hazardous materials or hazardous wastes, and/or contingency planning provisions), a notification of such must be made to Toxics Management Division within 30 days of the change.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE
David Do	7-25-11
NAME OF SIGNER (print): DAVID DO	TITLE OF SIGNER: VP OPERATIONS
EMAIL OF SIGNER OR ENVIRONMENTAL CONTACT: DDO@wine.com	

Agency Use Only

- ☑ HMBP accepted as submitted
- ☐ HMBP requires revisions – Letter sent

HMBP ACCEPTED: 8/29/11 BY: Andy

8/29/11: Date Tech Review Completed
_____: Date Scanned
_____: Date Copied for BFD
_____: Date Data Entry Completed
_____: Date Filed
(Initial each line)

OID#108973

City of Berkeley, Toxics Management Division

UNIFIED PROGRAM CONSOLIDATED FORM – FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # 1		EPA ID # (Hazardous Waste Only) 2
BUSINESS NAME (Same as Facility Name or DBA-Doing Business As)	Wine.com Inc	3
BUSINESS SITE ADDRESS	2220 4th St	103
BUSINESS SITE CITY 104	Berkeley	CA ZIP CODE 94710 105

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…		If Yes, please complete these pages of the UPCF….
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES ☐ NO 4	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☒ NO 4a	Coordinate with your local agency responsible for CalARP
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES ☒ NO 5	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES ☒ NO 8	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE		
1. Generate hazardous waste?	☐ YES ☒ NO 9	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☒ NO 10	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☒ NO 11	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☒ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☒ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☒ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (20 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☒ NO 14a	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES ☒ NO 14b	See CUPA for required forms.
E. LOCAL REQUIREMENTS		
1. Use or store hazardous materials or hazardous wastes in combined (aggregate) quantities equal to or greater than 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases?	☒ YES ☐ NO 15	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731) OR SPREADSHEET
2. Use or store any quantity of etiological agents, radioactive materials or perchlorate materials?	☐ YES ☒ NO 15	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731) OR SPREADSHEET
3. Below E.1. thresholds above, but generate any quantity of hazardous waste?	☐ YES ☒ NO 15	HAZARDOUS WASTE GENERATOR REPORTING PACKET
4. Generate any quantity of Universal Waste (mercury containing devices, non-empty aerosols, electronic devices, fluorescent tubes, batteries, dental amalgam wastes, etc.)?	☐ YES ☒ NO 15	SEE THE UNIVERSAL WASTE REPORTING REQUIREMENTS PAGE FOR INSTRUCTIONS
5. Treat any quantity of photochemical waste on-site (x-ray and photo imaging processors)?	☐ YES ☒ NO 15	

City of Berkeley, Toxics Management Division

UNIFIED PROGRAM CONSOLIDATED FORM - FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID# 1		BEGINNING DATE 100	ENDING DATE 101
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	Wine.com Inc	BUSINESS PHONE 102	510 982 3385
BUSINESS SITE ADDRESS 103	2220 4th Street	BUSINESS FAX 102a	704-8038
BUSINESS SITE CITY 104	Berkeley	CA	ZIP CODE 105: 94710 / COUNTY 108
DUN & BRADSTREET 106		PRIMARY SIC 107	PRIMARY NAICS 107a
BUSINESS MAILING ADDRESS 108a	2220 4th Street		
BUSINESS MAILING CITY 108b	Berkeley	STATE 108c: CA	ZIP CODE 108d: 94710
BUSINESS OPERATOR NAME 109		BUSINESS OPERATOR PHONE 110	

II. BUSINESS OWNER

OWNER NAME 111	Wine.com Inc.	OWNER PHONE 112	415 · 291 · 9500
OWNER MAILING ADDRESS 113	114 Sansome St. Suite 210		
OWNER MAILING CITY 114	San Francisco	STATE 115: CA	ZIP CODE 116: 94104

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	Mike Daniel	CONTACT PHONE 118	510 · 982 - 3309
CONTACT MAILING ADDRESS 119	2220 4th Street	CONTACT EMAIL 119a	Mdaniel@wine.com
CONTACT MAILING CITY 120	Berkeley	STATE 121: CA	ZIP CODE 122: 94710

IV. EMERGENCY CONTACTS

-PRIMARY-		-SECONDARY-	
NAME 123	Mike Daniel	NAME 128	David Do
TITLE 124	GM	TITLE 129	VP OPS
BUSINESS PHONE 125	510 · 982-3309	BUSINESS PHONE 130	510 · 982 · 3385
24-HOUR PHONE 126	415 · 806 · 0085	24-HOUR PHONE 131	415 '516 · 1687
PAGER # 127		PAGER # 132	

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE		DATE 134: 7/25/11	NAME OF DOCUMENT PREPARER 135
NAME OF SIGNER (print) 136	DAVID DO	TITLE OF SIGNER 137	VP OPS

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☒ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☒ No | If EPCRA, please sign here:

3 Business Name: Wine.com Inc | Business Address: 2220 4th Street | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily	Largest Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
	Liquid Propane Gas	☒ Same as first column -------- -------- -------- --------	--- --- --- ---	☐ Yes ☒ No	FG	☐ solid ☒ liquid ☐ gas --- ☒ pure ☐ mixture --- ☐ radioactive	64gal 2,182 cF	32 gal ~~ABS~~ 222 Days on site ☒ 365	8gal 223 Storage Container ~~Cage~~ CYL	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☒ Fire ☒ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☒ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column -------- -------- -------- --------	--- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas --- ☐ pure ☐ mixture --- ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column -------- -------- -------- --------	--- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas --- ☐ pure ☐ mixture --- ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column -------- -------- -------- --------	--- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas --- ☐ pure ☐ mixture --- ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

210 Hazard Classes: **CAR** – Carcinogens; **CL** – Combustible Liquid ; **COR** – Corrosive; **CRY** – Cryogenic; **EX** – Explosive; **FG** – Flammable Gas; **FL** – Flammable Liquid; **FS** – Flammable Solid; **HT** – Highly Toxic; **IRR** – Irritant; **MISC** – Miscellaneous Hazardous Materials; **NFG** – Nonflammable Gas; **OP** – Organic Peroxide; **OX** – Oxydizer; **PYRO** – Pyrophoric; **SENS** – Sensitizer; **TX** – Toxic; **UR** – Unstable/Reactive; **WR** – Water Reactive

223 Storage Container Codes: **AGT** – Above Ground Tank; **B** – Bag; **BX** – Box; **C** – Can; **CB** – Carboy; **CYL** – Cylinder; **FD** – Fiber Drum; **GB** – Glass Bottle; **PB** – Plastic Bottle; **PD** – Plastic/Nonmetallic Drum; **SD** – Steel Drum; **S** – Silo; **RC** – Rail Car; **TB** – Tote Bin; **TW** – Tank Wagon; **UST** – Underground Tank; **O** – Other

Emergency Response Plan/Contingency Plan

The following items are elements of a comprehensive emergency response/contingency plan that meets state requirements. If your facility has a written plan, or if you are to prepare one, make sure all the elements listed are covered by your plan. Small facilities with simple operations may complete the boxes below to be in compliance with the written emergency plan requirement. Please submit a copy of your written response plan or complete and submit this form.

I. Facility Information

Facility Name: Wine.com Inc	Phone: 510 - 704 - 8007
Address: 2220 4th ST	
City: Berkeley	Zip:

II. Emergency Coordinators

Primary Coordinator	Secondary Coordinator
Name: David PO	Name: Jim Osborn
Title: VP operations	Title: Manager
Work Phone: 415-291-9500	Work Phone: 510 704 - 8007 #16
After hours Phone:	After hours Phone:
Pager:	Pager:

III. Emergency Telephone Numbers and Arrangements

The emergency coordinator shall immediately notify the following whenever a release, fire, or explosion threatens human health or the environment:

Agency	Phone
Fire Department	911
State Office of Emergency Services (OES)	1-800-852-7550
City of Berkeley Toxics Management Division	(510) 981-7460 or 911
Hospital/Medical Center (if injuries)	
EBMUD Waste Water Treatment Facility (if to sewer)	(510) 287-1651
Hazardous Waste Contractor (if clean up needed)	
Bay Area Air Quality Management District	(800) 334-6367 or (415) 771-6000
Other agencies:	

Arrangements: (Please check one box)

- ☒ We have no formalized written agreements with any emergency response agency or contractor.
- ☐ We have formalized written agreements with _____

  Telephone: _____ for emergency response.

IV. Earthquake Response

Identify the areas and/or mechanical equipment or other systems that could require immediate inspection or isolation because of their vulnerability to earthquake related ground motion.

Areas/equipment identified to be inspected immediately after an earthquake:	None

V. Emergency Equipment Inventory Table

EQUIPMENT CATEGORY	✓ if these are provided	Equipment	Location*	Description**
Personal Protective Equipment, Safety Equipment, First Aid Equipment		Chemical Protective Boots		
		Chemical Protective Gloves		
		Safety Glasses/Goggles/Face shields		
		Chemical Protective Clothing		
		Hard Hats		
		Chemical Monitoring Equipment (describe)		
	X	First Aid Kits		Standard
		Eye Wash Stations		
		Safety Showers		
		Cartridge Respirators and Cartridges (describe)		
		Self-Contained Breathing Apparatus (SCBA)		
		Other (describe)		
Fire Extinguishing Systems	X	Fire Extinguishers		Standard
		Automatic Fire Systems		
		Fire Alarm Boxes		
Spill Control Equipment, Decontamination Equipment		Absorbents, Neutralizers (describe)		
		Shovels/Brooms/Squeegees		
		Overpack drum/Spill drum		
		Berms/Dikes (describe)		
		Decontamination Equipment (describe)		
		Gas cylinder leak repair kits (describe)		
		Other (describe)		
Communications and Alarm Systems	X	Telephones		Throughout warehouse
		Intercoms/PA systems		
		Portable 2 way radios		
		UST leak detection monitors		
		Chemical alarms (describe)		
Additional Equipment (Use additional pages if needed)				

* If appropriate, use the location code(s) from your Hazardous Materials Business Plan.

** Describe the equipment, such as type and quantity, and its capabilities. If applicable, specify any testing/maintenance procedures/intervals.

VI. Evacuation Information:

Evacuation Announcement	___Bell ___PA System Other_____ ___Horn _X_Shouting
Evacuation Route	___Map Other_____
Assembly Area	Location: Parking Lot on 4th ST
Re-entry Procedures	

VII. Emergency Procedures:

Emergency Coordinator Responsibilities:

1. Whenever there is an imminent or actual emergency situation such as a explosion, fire, or release, the emergency coordinator *(or his/her designee when the emergency coordinator is on call)* shall:
   a. Identify the character, exact source, amount, and aerial extent of any released hazardous materials.
   b. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects *(e.g. the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.)*.
   c. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
   d. Notify appropriate local authorities *(i.e., call 911)*.
   e. Notify the State Office of Emergency Services at 1-800-852-7550.
   f. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
   g. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.

2. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
   a. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from a explosion, fire, or release at the facility.
   b. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
   c. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
   d. Notify the Cal/EPA's Department of Toxic Substances Control and the City of Berkeley Toxics Management Division that the facility is in compliance with requirements 2-a and 2-b, above.

Special site specific procedures:

Emergency	Response Action
Hazardous Material & Hazardous Waste Spills/Releases:	check for Safety
Fire	check for Safety
Explosion	check for Safety
Earthquake	check for Safety
Other	

510 981 747
Carrie Estadt

Employee Training Plan

1. Scope

This plan is designed to provide employees with training on hazardous materials and hazardous waste that will satisfy the requirements of the California Health and Safety Code Chapter 6.95 and Chapter 6.5.

Facility Name	Wine.com
Address	2220 4th St. Berkeley
Main Activity	Gift Basket Manufacturer
Physical Description of Area where hazardous materials/wastes are found	South side Instapak materials - Being phased out North side - Avg 6 propane cannister at one time.

2. Responsibilities

The following persons are responsible for ensuring that this Training Plan is implemented:

Name/Title	Training for which responsible
Mike Daniel / Manager	Forklift instructor / Safety officer

3. Employees/New Employees

New employees are trained during orientation, before starting on a job? ☒ YES ☐ NO

New employees who handle hazardous waste are trained in hazardous waste management within six months of hire date? ☒ YES ☐ NO

4. New Assignments or Changes in Operations

In the event of new assignments or of changes in operation, affected employees are trained before the new assignment or the change in operation takes place. ☒ YES ☐ NO

5. Refresher Training

Refresher training will be provided see below (how often). The method used will be: *(check all that apply)*

- ☐ Outside classes
- ☒ Safety meetings monthly
- ☒ In-house classes provided by contractor as needed for training.
- ☒ In-house classes conducted by in-house trainers for lift operators - 2 yr certification

Submitted per RTC 7/23/08

6. Training Topics

The following table indicates the training topics covered for this facility, as indicated with a ☑. Other documentation on these training topics is maintained and are available to the inspector upon request.

☑	1. Initiate, activate, or recognize internal alarms and other emergency announcements.
☑	2. Notify internal or on-site emergency responders listed in the emergency response/contingency plan.
☑	3. Notify agencies listed in the emergency/contingency plan.
☑	4. Locate and review contents of written emergency response/contingency plan.
☐	5. Initiate, conduct, or follow evacuation procedures as described in the emergency response/contingency plan.
	Hazardous Materials Awareness
☑	1. Safe methods for handling and storage of hazardous materials and hazardous waste.
☑	2. Locations and proper use of personal protective equipment.
☑	3. Locations and proper use of fire and spill control equipment.
☐	4. Specific hazards of each chemical or waste to which they may be exposed, including the pathways of exposure (i.e. skin absorption, inhalation, ingestion).
☑	5. Follow emergency procedures for chemical/waste spills, earthquake, fire, and/or medical emergencies as described in the emergency response/contingency plan.
☐	6. Hazardous waste handlers/managers are also trained in all aspects of hazardous waste management specific to their job duties (e.g. accumulation time, storage period, labels, inspection of containers and storage areas, uniform hazardous waste manifests, etc.)

7. Emergency Response Team

This facility has a formally organized Emergency Response Team. ☐ YES ☒ NO

	Emergency Response Team Duties
☐	1. Personnel rescue procedures.
☐	2. Shutdown of operations.
☐	3. Liaison with emergency response agencies.
☐	4. Use, maintenance, and replacement of emergency response equipment.
☐	5. Emergency response drills are conducted, at least *(specify frequency)* [ ] times a year.
☐	6. Refresher training is provided, at least annually.

8. Recordkeeping

Employee training and other records are maintained at the facility. These include the following:

☑	1. Record of training for each employee (date and duration of training, subject matter covered, instructor, etc.).
☑	2. Training records of current and former employees. (For current employees, records are to be retained until closure of the facility. For former employees, training records are to be retained for at least 3 years after termination of employment.
☐	3. Description of introductory and continuing training programs for each employee classification.
☐	4. Current emergency response, contingency, and/or spill response plan (for underground or aboveground tanks).
☐	5. Description and documentation of emergency response drills.
☐	6. Record of reportable/recordable accidental releases of hazardous material/waste.
☐	7. Record of inspections of hazardous material/waste storage areas.
☐	8. Record of daily inspection of hazardous waste tanks.
☐	9. Inspection procedures for identified earthquake-sensitive areas and systems in the facility.

Note: The above list does not necessarily include every type of record required to be maintained by your facility.

Training records are maintained in the following location: 2220 4th St. Berkeley.

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)	FA0000065 0	1	EPA ID # (Hazardous Waste Only) 2
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)	WINE.COM	3	
BUSINESS SITE ADDRESS	2220 FOURTH ST	103	
BUSINESS SITE CITY	BERKELEY 104	CA	ZIP CODE 94710 105

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…	If Yes, please complete these pages of the UPCF….	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	☐ YES	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES	See CUPA for required forms.

F. LOCAL REQUIREMENTS 15

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID#	BEGINNING DATE 100	ENDING DATE 101
FA0000650 1	02/27/2013	02/28/2014

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	BUSINESS PHONE 102
WINE.COM	5109823385
BUSINESS SITE ADDRESS 103	BUSINESS FAX 102a
2220 FOURTH ST	5107048038

BUSINESS SITE CITY 104		ZIP CODE 105	COUNTY 108
BERKELEY	CA	94710	
DUN & BRADSTREET 106		PRIMARY SIC 107	PRIMARY NAICS 107a
		5182	

BUSINESS MAILING ADDRESS 108a		
2220 FOURTH STREET		
BUSINESS MAILING CITY 108b	STATE 108c	ZIP CODE 108d
BERKELEY	CA	94710
BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110	
William Tomaszewski	4152484466	

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
WINE.COM, INC.	4152484466
OWNER MAILING ADDRESS 113	
114 Sansome	

OWNER MAILING CITY 114	STATE 115	ZIP CODE 116
SAN FRANCISCO	CA	94104

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	CONTACT PHONE 118
Mike Daniel	4152919500
CONTACT MAILING ADDRESS 119	CONTACT EMAIL 119a
2220 Fourth Street	mdaniel@wine.com

CONTACT MAILING CITY 120	STATE 121	ZIP CODE 122
BERKELEY	CA	94710-

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123	NAME 128
Mike Daniel	David Do
TITLE 124	TITLE 129
GENERAL Manager	Vice President OPS
BUSINESS PHONE 125	BUSINESS PHONE 130
5109823309	5109823385
24-HOUR PHONE 126	24-HOUR PHONE 131
4158060085	4155161687
CELL / PAGER # 127	CELL / PAGER # 132
EMAIL	EMAIL

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
		David Do
NAME OF SIGNER (print) 136	TITLE OF SIGNER 137	
David Do	VP OPS	

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
WINE.COM

CHEMICAL LOCATION 201
716 Bancroft Berkeley CA 94710

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1 F A 0 0 0 0 6 5 0

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Liquid Propane Gas

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Liquid Propane Gas

EHS* ☐ Yes 208

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquefied Gas (3.2l)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 272.75 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
1041.0	2182.0		

UNITS* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER
☐ a. ABOVE GROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER
223

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	227	☐ Yes 228	229
2	230	231	☐ Yes 232	233
3	234	235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # 1.	CERS ID A1.	DATE OF PLAN PREPARATION/REVISION A2.
FA0000650		02/27/2013

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
WINE.COM

BUSINESS SITE ADDRESS 103.
2220 FOURTH ST

BUSINESS SITE CITY 104.		ZIP CODE 105.
BERKELEY	CA	94710

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.
Retail and gift basket manufacturing	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.

☒ 1. HAZARDOUS MATERIALS; ☐ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☐ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☒ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA) C3.	City of Berkeley Toxic Mgt. Div (510) 981-7460
OTHER (Specify): C4. C5.	

NEAREST MEDICAL FACILITY / HOSPITAL NAME: Alta Bates C6. (510) 204-4444 C7.

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD C8.	SF Bay Region (510) 622-230
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND GAME (DFG)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9. C10.	
OTHER (Specify): C11. C12.	

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☐ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☐ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☐ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☐ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☐ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☐ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☐ 4. OTHER (Specify):

E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Parking lot across the street of 2220 4th street

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☐ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify):

F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES │ Spill response kit │ One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.	G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4. on forklift	G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☐ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	G9.
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☐ FIRST AID KITS / STATIONS	G16.	G17.
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.	G19.
	10. ☒ PORTABLE EYEWASH KITS	G20. by 2230 4th street entrance	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26. 32 throughout building	G27.
	14. ☒ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☐ ABSORBENT MATERIAL	G36.	G37.
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☒ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply) H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)
☐ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H2.
☐ 2. PROCESS LINES / PIPING	H3.
☐ 3. LABORATORY	H4.
☐ 4. WASTE TREATMENT AREA	H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply) H6.	LOCATIONS
☐ 1. SHELVES, CABINETS AND RACKS	H7.
☐ 2. TANKS (EMERGENCY SHUTOFF)	H8.
☒ 3. PORTABLE GAS CYLINDERS	near 716 allston entrance in safety cage H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES	H10.
☐ 5. SPRINKLER SYSTEMS	H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)	H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☐ 5. OTHER (Specify): _____ I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☐ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
David Do	02/27/2013
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.
	vp ops

Click on the forms button in the bar at the top of the page to view individual forms

From: WINE.COM(2220 FOURTH ST /FA0000650)
Print the form contents

Submitted: Tue Mar 5 2013, 2:28 PM
View a submission summary

Status: ACCEPTED Accept Decline Delete

Data Transformation Services

Migrate Data

Review

Make sure to save your Review form by clicking on the Save Changes button before accepting or declining a submission.

Save Changes Cancel Changes

Cover Page Comments	
Facility ID	FA0000650
Facility Name	WINE.COM
Site Address	2220 FOURTH ST
City	BERKELEY
Program ID	PR0000433
Program Element	4200
Agency's Review Comments	Thank you.

3/6/13 : Date Tech Review Completed
_____ : Date Scanned
_____ : Date Copied for BFD
_____ : Date Data Entry Completed
_____ : Date Filed (Initial each line)

Reviewer's Name	Debbie Andersen
Reviewer Email	dandersen@cityofberkeley
Review Date	03/06/2013
Status	01

Form Deficiencies

- ☐ Owner Operator Form: Invalid/Missing Business Name/Address
- ☐ Owner Operator Form: Invalid/Missing Business Owner Name/Address
- ☐ Owner Operator Form: Invalid/Missing Environmental Contact
- ☐ Owner Operator Form: Invalid/Missing Emergency Contacts
- ☐ Chemical Description Form: Invalid/Missing Location - Map# and/or Grid#
- ☐ Chemical Description Form: Invalid/Missing Fire Code Hazard Classes
- ☐ Chemical Description Form: Invalid/Missing Physical state
- ☐ Chemical Description Form: Invalid/Missing Average daily amount and or Maximum daily amount
- ☐ Chemical Description Form: Invalid/Missing Units
- ☐ Emergency Plan Form: The plan does not adequately address Release Prevention, Immediate Notification and Evacuation, and Emergency Response Protocols and Cleanup Procedures
- ☐ None

Other Form Deficiencies

Map Deficiencies

- ☐ Map is illegible (or does not scan well)

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

FEE SUMMARY SHEET
For Permit Period FY13 (Base Reporting Period: 2012)

Business Name: Wine.com [CID: 108973]

Address: 2220 4th St.

Total Aggregate Quantities Stored or Handled at This Facility

The row heading "Hazardous Materials" requires a sum of all amounts reported on the Chemical Description pages, including data reported for hazardous wastes.

Quantities Summarized:

Chemicals:	CY2012	CY2012	CY2012	Last Reported	FY2013 Permit
	Liquids	***Solids***	***Gases***		
Total number of ***all*** chemicals:	–	–	1	1	1
Total no. of ***waste*** chemicals:	–	–			
	Gallons ***All liquids***	***Pounds*** ***All solids***	***Cu. Ft.*** ***All gases***		
Hazardous Materials: (***ALL*** Chemicals) - Sum of *all* Box 218s – Max. Daily Amt.	–	–	2182	A2	A2
Hazardous Wastes: (***ONLY*** Wastes) – Sum of *all* Box 219s – Annual Waste Amt.	–	–		–	–
Underground Storage Tanks: No. of USTs: _____					
Universal Waste:	CESQUWG –	HANDLER –	DESTINATION –	Date entered into HTE (and initials)	
Other Billing Categories:	Tiered –	etiologic –	radiologic –		
inert gas fee – / nano –	CalARP –	EPCRA –	APSA –		

Completed by: Debbie A Anderson Date: 3/12/15

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)	FA0000065 0	1	EPA ID # (Hazardous Waste Only) 2
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)	WINE.COM	3	
BUSINESS SITE ADDRESS	2220 FOURTH ST	103	
BUSINESS SITE CITY	BERKELEY 104	CA	ZIP CODE 94710 105

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…	If Yes, please complete these pages of the UPCF….	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	☐ YES	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES	See CUPA for required forms.

F. LOCAL REQUIREMENTS 15

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID#		BEGINNING DATE 100	ENDING DATE 101
FA0000650 1		02/06/2014	02/06/2015

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	BUSINESS PHONE 102
WINE.COM	5109823385
BUSINESS SITE ADDRESS 103	BUSINESS FAX 102a
2220 FOURTH ST	5107048038

BUSINESS SITE CITY 104		ZIP CODE 105	COUNTY 108
BERKELEY	CA	94710	
DUN & BRADSTREET 106		PRIMARY SIC 107	PRIMARY NAICS 107a
		5182	

BUSINESS MAILING ADDRESS 108a		
2220 FOURTH STREET		
BUSINESS MAILING CITY 108b	STATE 108c	ZIP CODE 108d
BERKELEY	CA	94710
BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110	
William Tomaszewski	4152484466	

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
WINE.COM, INC.	4152484466
OWNER MAILING ADDRESS 113	
114 Sansome	

OWNER MAILING CITY 114	STATE 115	ZIP CODE 116
SAN FRANCISCO	CA	94104

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	CONTACT PHONE 118
Mike Daniel	5109823309
CONTACT MAILING ADDRESS 119	CONTACT EMAIL 119a
2220 Fourth Street	mdaniel@wine.com

CONTACT MAILING CITY 120	STATE 121	ZIP CODE 122
BERKELEY	CA	94710-

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123	NAME 128
Mike Daniel	David Do
TITLE 124	TITLE 129
GENERAL Manager	Vice President OPS
BUSINESS PHONE 125	BUSINESS PHONE 130
5109823309	5109823385
24-HOUR PHONE 126	24-HOUR PHONE 131
4158060085	4155161687
CELL / PAGER # 127	CELL / PAGER # 132
EMAIL	EMAIL

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
		David Do
NAME OF SIGNER (print) 136	TITLE OF SIGNER 137	
David Do	VP OPS	

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
WINE.COM

CHEMICAL LOCATION 201
716 Bancroft Berkeley CA 94710

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1 F A 0 0 0 0 6 5 0

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Liquid Propane Gas

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Liquid Propane Gas

EHS* ☐ Yes 208

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquefied Gas (3.2l)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 272.75 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
1041.0	2182.0		

UNITS* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER
☐ a. ABOVE GROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER
223

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

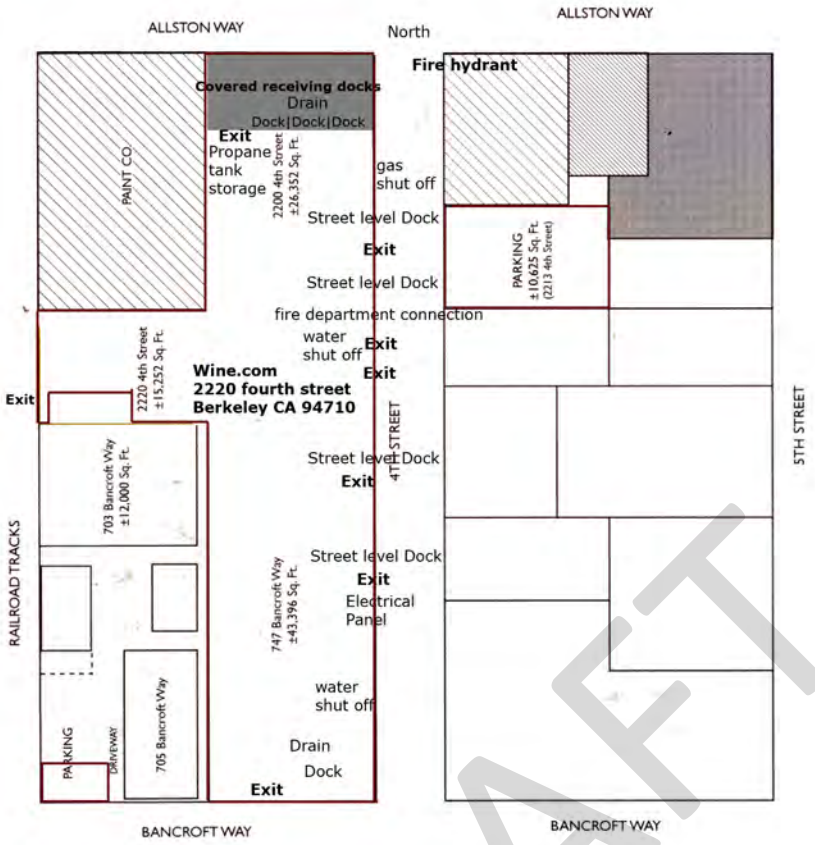
STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	227	☐ Yes 228	229
2	230	231	☐ Yes 232	233
3	234	235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here


ALLSTON WAY
North
ALLSTON WAY
Fire hydrant
Covered receiving docks
Drain
Dock|Dock|Dock
Exit
Propane tank storage
2200 4th Street ±26,352 Sq. Ft.
gas shut off
Street level Dock
Exit
Street level Dock
fire department connection
water shut off
Exit
Exit
PAINT CO
PARKING ±10,625 Sq. Ft. (2213 4th Street)
2220 4th Street ±15,252 Sq. Ft.
Wine.com
2220 fourth street
Berkeley CA 94710
Exit
4TH STREET
5TH STREET
703 Bancroft Way ±12,000 Sq. Ft.
Street level Dock
Exit
RAILROAD TRACKS
747 Bancroft Way ±43,396 Sq. Ft.
Street level Dock
Exit
Electrical Panel
water shut off
Drain
Dock
Exit
PARKING
DRIVEWAY
705 Bancroft Way
BANCROFT WAY
BANCROFT WAY

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # 1.	CERS ID A1.	DATE OF PLAN PREPARATION/REVISION A2.
FA0000650		02/06/2014

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
WINE.COM

BUSINESS SITE ADDRESS 103.
2220 FOURTH ST

BUSINESS SITE CITY 104.		ZIP CODE 105.
BERKELEY	CA	94710

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.
Retail and gift basket manufacturing	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.

☒ 1. HAZARDOUS MATERIALS; ☐ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☐ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☒ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA) C3.	(510) 981-7460 City of Berkeley Toxic Mgt. Div
OTHER (Specify): C4. C5.	

NEAREST MEDICAL FACILITY / HOSPITAL NAME: Alta Bates C6. (510) 204-4444 C7.

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD C8.	(510) 622-2300 SF Bay Regio
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND WILDLIFE (CDFW)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9. C10.	
OTHER (Specify): C11. C12.	

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☐ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☐ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☐ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☐ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☐ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☐ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☐ 4. OTHER (Specify): E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Parking lot across the street of 2220 4th street

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☐ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify): F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.	G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4. on forklift	G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☐ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	G9.
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☐ FIRST AID KITS / STATIONS	G16.	G17.
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.	G19.
	10. ☒ PORTABLE EYEWASH KITS	G20. by 2230 4th street entrance	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26. 32 throughout building	G27.
	14. ☒ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☐ ABSORBENT MATERIAL	G36.	G37.
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☒ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply) H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)
☐ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H2.
☐ 2. PROCESS LINES / PIPING	H3.
☐ 3. LABORATORY	H4.
☐ 4. WASTE TREATMENT AREA	H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply) H6.	LOCATIONS
☐ 1. SHELVES, CABINETS AND RACKS	H7.
☐ 2. TANKS (EMERGENCY SHUTOFF)	H8.
☒ 3. PORTABLE GAS CYLINDERS	near 716 allston entrance in safety cage H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES	H10.
☐ 5. SPRINKLER SYSTEMS	H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)	H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☐ 5. OTHER (Specify): _____ I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☐ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
David Do	02/27/2013
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.
	vp ops

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)	FA0000065 0	1	EPA ID # (Hazardous Waste Only) 2
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)	WINE.COM	3	
BUSINESS SITE ADDRESS	2220 FOURTH ST	103	
BUSINESS SITE CITY	BERKELEY 104	CA	ZIP CODE 94710 105

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…	If Yes, please complete these pages of the UPCF….	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	☐ YES	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES	See CUPA for required forms.

F. LOCAL REQUIREMENTS 15

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID#		BEGINNING DATE 100	ENDING DATE 101
FA0000650 1		02/06/2014	02/06/2015

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	BUSINESS PHONE 102
WINE.COM	5109823385
BUSINESS SITE ADDRESS 103	BUSINESS FAX 102a
2220 FOURTH ST	5107048038

BUSINESS SITE CITY 104		ZIP CODE 105	COUNTY 108
BERKELEY	CA	94710	
DUN & BRADSTREET 106		PRIMARY SIC 107	PRIMARY NAICS 107a
		5182	

BUSINESS MAILING ADDRESS 108a		
2220 FOURTH STREET		
BUSINESS MAILING CITY 108b	STATE 108c	ZIP CODE 108d
BERKELEY	CA	94710
BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110	
William Tomaszewski	4152484466	

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
WINE.COM, INC.	4152484466
OWNER MAILING ADDRESS 113	
114 Sansome	

OWNER MAILING CITY 114	STATE 115	ZIP CODE 116
SAN FRANCISCO	CA	94104

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	CONTACT PHONE 118
Mike Daniel	5109823309
CONTACT MAILING ADDRESS 119	CONTACT EMAIL 119a
2220 Fourth Street	mdaniel@wine.com

CONTACT MAILING CITY 120	STATE 121	ZIP CODE 122
BERKELEY	CA	94710-

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123	NAME 128
Mike Daniel	David Do
TITLE 124	TITLE 129
GENERAL Manager	Vice President OPS
BUSINESS PHONE 125	BUSINESS PHONE 130
5109823309	5109823385
24-HOUR PHONE 126	24-HOUR PHONE 131
4158060085	4155161687
CELL / PAGER # 127	CELL / PAGER # 132
EMAIL	EMAIL

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
		David Do
NAME OF SIGNER (print) 136	TITLE OF SIGNER 137	
David Do	VP OPS	

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
WINE.COM

CHEMICAL LOCATION 201
716 Bancroft Berkeley CA 94710

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1 F A 0 0 0 0 6 5 0

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Liquid Propane Gas

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Liquid Propane Gas

EHS* ☐ Yes 208

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquefied Gas (3.2l)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 272.75 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
1041.0	2182.0		

UNITS* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER
☐ a. ABOVE GROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER
223

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	227	☐ Yes 228	229
2	230	231	☐ Yes 232	233
3	234	235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # 1.	CERS ID A1.	DATE OF PLAN PREPARATION/REVISION A2.
FA0000650		02/06/2014

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
WINE.COM

BUSINESS SITE ADDRESS 103.
2220 FOURTH ST

BUSINESS SITE CITY 104.		ZIP CODE 105.
BERKELEY	CA	94710

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.
Retail and gift basket manufacturing	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.

☒ 1. HAZARDOUS MATERIALS; ☐ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☐ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☒ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA) C3.	(510) 981-7460 City of Berkeley Toxic Mgt. Div
OTHER (Specify): C4. C5.	

NEAREST MEDICAL FACILITY / HOSPITAL NAME: Alta Bates C6. (510) 204-4444 C7.

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD C8.	(510) 622-2300 SF Bay Regio
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND WILDLIFE (CDFW)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9. C10.	
OTHER (Specify): C11. C12.	

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☐ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☐ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☐ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☐ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☐ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☐ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☐ 4. OTHER (Specify): E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Parking lot across the street of 2220 4th street

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☐ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify): F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.	G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4. on forklift	G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☐ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	G9.
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☐ FIRST AID KITS / STATIONS	G16.	G17.
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.	G19.
	10. ☒ PORTABLE EYEWASH KITS	G20. by 2230 4th street entrance	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26. 32 throughout building	G27.
	14. ☒ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☐ ABSORBENT MATERIAL	G36.	G37.
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☒ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply) H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)
☐ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H2.
☐ 2. PROCESS LINES / PIPING	H3.
☐ 3. LABORATORY	H4.
☐ 4. WASTE TREATMENT AREA	H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply) H6.	LOCATIONS
☐ 1. SHELVES, CABINETS AND RACKS	H7.
☐ 2. TANKS (EMERGENCY SHUTOFF)	H8.
☒ 3. PORTABLE GAS CYLINDERS	near 716 allston entrance in safety cage H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES	H10.
☐ 5. SPRINKLER SYSTEMS	H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)	H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☐ 5. OTHER (Specify): _____ I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☐ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
David Do	02/27/2013
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.
	vp ops

UNIFIED PROGRAM CONSOLIDATED FORM
FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # (Agency Use Only)	FA0000065 0	1	EPA ID # (Hazardous Waste Only) 2
BUSINESS NAME (Same as Facility Name of DBA-Doing Business As)	WINE.COM	3	
BUSINESS SITE ADDRESS	2220 FOURTH ST	103	
BUSINESS SITE CITY	BERKELEY 104	CA	ZIP CODE 94710 105

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…	If Yes, please complete these pages of the UPCF….	
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☒ YES	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release prevention Program (CalARP)?	☐ YES	Coordinate with your local agency responsible for CalARP.
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE Generate hazardous waste?	☐ YES	EPA ID NUMBER – provide at the top of this page
Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES	RECYCLABLE MATERIALS REPORT (one per recycler)
Treat hazardous waste on-site?	☐ YES	ON-SITE HAZARDOUS WASTE TREATMENT – FACILITY ON-SITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES	CERTIFICATION OF FINANCIAL ASSURANCE
Consolidate hazardous waste generated at a remote site?	☐ YES	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned on-site?	☐ YES	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (220 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES	See CUPA for required forms.

F. LOCAL REQUIREMENTS 15

(You may also be required to provide additional information by your CUPA or local agency.)

UNIFIED PROGRAM CONSOLIDATED FORM

FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID#	BEGINNING DATE 100	ENDING DATE 101
FA0000650 1		

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	BUSINESS PHONE 102
WINE.COM	5109823385
BUSINESS SITE ADDRESS 103	BUSINESS FAX 102a
2220 FOURTH ST	5107048038

BUSINESS SITE CITY 104		ZIP CODE 105	COUNTY 108
BERKELEY	CA	94710	
DUN & BRADSTREET 106		PRIMARY SIC 107	PRIMARY NAICS 107a
		5182	

BUSINESS MAILING ADDRESS 108a		
2220 FOURTH STREET		
BUSINESS MAILING CITY 108b	STATE 108c	ZIP CODE 108d
BERKELEY	CA	94710
BUSINESS OPERATOR NAME 109	BUSINESS OPERATOR PHONE 110	
William Tomaszewski	4152484466	

II. BUSINESS OWNER

OWNER NAME 111	OWNER PHONE 112
WINE.COM, INC.	4152484466
OWNER MAILING ADDRESS 113	
114 Sansome Street 3rd floor	

OWNER MAILING CITY 114	STATE 115	ZIP CODE 116
SAN FRANCISCO	CA	94104

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	CONTACT PHONE 118
Mike Daniel	5109823309
CONTACT MAILING ADDRESS 119	CONTACT EMAIL 119a
2220 Fourth Street	mdaniel@wine.com

CONTACT MAILING CITY 120	STATE 121	ZIP CODE 122
BERKELEY	CA	94710-

IV. EMERGENCY CONTACTS

-PRIMARY-	-SECONDARY-
NAME 123	NAME 128
Mike Daniel	David Do
TITLE 124	TITLE 129
GENERAL Manager	Vice President Operations
BUSINESS PHONE 125	BUSINESS PHONE 130
5109823309	5109823385
24-HOUR PHONE 126	24-HOUR PHONE 131
4158060085	4155161687
CELL / PAGER # 127	CELL / PAGER # 132
EMAIL	EMAIL

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134	NAME OF DOCUMENT PREPARER 135
		David Do
NAME OF SIGNER (print) 136	TITLE OF SIGNER 137	
David Do	VP OPS	

UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS

HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION

(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
WINE.COM

CHEMICAL LOCATION 201
716 Bancroft Berkeley CA 94710

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES

FACILITY ID # 1 F A 0 0 0 0 6 5 0

MAP# (optional) 203

GRID# (optional) 204

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
Liquid Propane Gas

TRADE SECRET ☐ Yes 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207
Liquid Propane Gas

EHS* ☐ Yes 208

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210
Flammable Liquefied Gas (3.2l)

HAZARDOUS MATERIAL TYPE (Check one item only) ☒ a. PURE ☐ b. MIXTURE ☐ c. WASTE 211

RADIOACTIVE ☐ Yes 212

CURIES 213

PHYSICAL STATE (Check one item only) ☐ a. SOLID ☒ b. LIQUID ☐ c. GAS 214

LARGEST CONTAINER 272.75 215

FED HAZARD CATEGORIES (Check all that apply) ☒ a. FIRE ☐ b. REACTIVE ☒ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH 216

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
1041.0	2182.0		

UNITS* (Check one item only) ☐ a. GALLONS ☒ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS 221
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER
☐ a. ABOVE GROUND TANK ☐ b. UNDERGROUND TANK ☐ c. TANK INSIDE BUILDING ☐ d. STEEL DRUM
☐ e. PLASTIC/NONMETALLIC DRUM ☐ f. CAN ☐ g. CARBOY ☐ h. SILO
☐ i. FIBER DRUM ☐ j. BAG ☐ k. BOX ☒ l. CYLINDER
☐ m. GLASS BOTTLE ☐ n. PLASTIC BOTTLE ☐ o. TOTE BIN ☐ p. TANK WAGON
☐ q. RAIL CAR ☐ r. OTHER
223

STORAGE PRESSURE ☐ a. AMBIENT ☒ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT 224

STORAGE TEMPERATURE ☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC 225

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	226	227	☐ Yes 228	229
2	230	231	☐ Yes 232	233
3	234	235	☐ Yes 236	237
4	238	239	☐ Yes 240	241
5	242	243	☐ Yes 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

CALIFORNIA ENVIRONMENTAL REPORTING SYSTEM (CERS)

CONSOLIDATED EMERGENCY RESPONSE / CONTINGENCY PLAN

Prior to completing this Plan, please refer to the INSTRUCTIONS FOR COMPLETING A CONSOLIDATED CONTINGENCY PLAN

A. FACILITY IDENTIFICATION AND OPERATIONS OVERVIEW

FACILITY ID # 1.	CERS ID A1.	DATE OF PLAN PREPARATION/REVISION A2.
FA0000650		02/06/2014

BUSINESS NAME *(Same as Facility Name or DBA - Doing Business As)* 3.
WINE.COM

BUSINESS SITE ADDRESS 103.
2220 FOURTH ST

BUSINESS SITE CITY 104.		ZIP CODE 105.
BERKELEY	CA	94710

TYPE OF BUSINESS (e.g., Painting Contractor) A3.	INCIDENTAL OPERATIONS (e.g., Fleet Maintenance) A4.
Retail and gift basket manufacturing	

THIS PLAN COVERS CHEMICAL SPILLS, FIRES, AND EARTHQUAKES INVOLVING: (Check all that apply) A5.

☒ 1. HAZARDOUS MATERIALS; ☐ 2. HAZARDOUS WASTES

B. INTERNAL RESPONSE

INTERNAL FACILITY EMERGENCY RESPONSE WILL OCCUR VIA: (Check all that apply) B1.

☒ 1. CALLING PUBLIC EMERGENCY RESPONDERS (i.e., 9-1-1)
☐ 2. CALLING HAZARDOUS WASTE CONTRACTOR
☐ 3. ACTIVATING IN-HOUSE EMERGENCY RESPONSE TEAM

C. EMERGENCY COMMUNICATIONS, PHONE NUMBERS AND NOTIFICATIONS

Whenever there is an imminent or actual emergency situation such as an explosion, fire, or release, the Emergency Coordinator (or his/her designee when the Emergency Coordinator is on call) shall:

1. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
2. Notify appropriate local authorities (i.e., call 9-1-1).
3. Notify the California Emergency Management Agency at (800) 852-7550.

Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall notify the California Department of Toxic Substances Control (DTSC), the local Unified Program Agency (UPA), and the local fire department's hazardous materials program that the facility is in compliance with requirements to:

1. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from an explosion, fire, or release at the facility; and
2. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.

INTERNAL FACILITY EMERGENCY COMMUNICATIONS OR ALARM NOTIFICATION WILL OCCUR VIA: (Check all that apply) C1.

☐ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☒ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

NOTIFICATIONS TO NEIGHBORING FACILITIES THAT MAY BE AFFECTED BY AN OFF-SITE RELEASE WILL OCCUR BY: (Check all that apply) C2.

☒ 1. VERBAL WARNINGS;	☐ 2. PUBLIC ADDRESS OR INTERCOM SYSTEM;	☐ 3. TELEPHONE;
☐ 4. PAGERS;	☐ 5. ALARM SYSTEM;	☐ 6. PORTABLE RADIO

EMERGENCY RESPONSE PHONE NUMBERS:

AMBULANCE, FIRE, POLICE AND CHP	9-1-1
CALIFORNIA EMERGENCY MANAGEMENT AGENCY (CAL/EMA)	(800) 852-7550
NATIONAL RESPONSE CENTER (NRC)	(800) 424-8802
POISON CONTROL CENTER	(800) 222-1222
LOCAL UNIFIED PROGRAM AGENCY (UPA/CUPA) C3.	(510) 981-7460 City of Berkeley Toxic Mgt. Div
OTHER (Specify): C4. C5.	

NEAREST MEDICAL FACILITY / HOSPITAL NAME: Alta Bates C6. (510) 204-4444 C7.

AGENCY NOTIFICATION PHONE NUMBERS:

CALIFORNIA DEPT. OF TOXIC SUBSTANCES CONTROL (DTSC)	(916) 255-3545
REGIONAL WATER QUALITY CONTROL BOARD C8.	(510) 622-2300 SF Bay Regio
U.S. ENVIRONMENTAL PROTECTION AGENCY (US EPA)	(800) 300-2193
CALIFORNIA DEPT OF FISH AND WILDLIFE (CDFW)	(916) 358-2900
U.S. COAST GUARD	(202) 267-2180
CAL/OSHA	(916) 263-2800
STATE FIRE MARSHAL	(916) 445-8200
OTHER (Specify): C9. C10.	
OTHER (Specify): C11. C12.	

D. EMERGENCY CONTAINMENT AND CLEANUP PROCEDURES

SPILL PREVENTION, CONTAINMENT, AND CLEANUP PROCEDURES: (Check all boxes that apply to indicate your procedures for containing spills, releases, fires or explosions; and. preventing and mitigating associated harm to persons, property, and the environment.)

D1.

- ☐ 1. MONITOR FOR LEAKS, RUPTURES, PRESSURE BUILD-UP, ETC.;
- ☐ 2. PROVIDE STRUCTURAL PHYSICAL BARRIERS (e.g., Portable spill containment walls);
- ☐ 3. PROVIDE ABSORBENT PHYSICAL BARRIERS (e.g., Pads, pigs, pillows);
- ☐ 4. COVER OR BLOCK FLOOR AND/ OR STORM DRAINS;
- ☐ 5. BUILT-IN BERM IN WORK / STORAGE AREA;
- ☐ 6. AUTOMATIC FIRE SUPPRESSION SYSTEM;
- ☒ 7. ELIMINATE SOURCES OF IGNITION FOR FLAMMABLE HAZARDS (e.g. Flammable liquids, Propane);
- ☒ 8. STOP PROCESSES AND/OR OPERATIONS;
- ☒ 9. AUTOMATIC / ELECTRONIC EQUIPMENT SHUT-OFF SYSTEM;
- ☒ 10. SHUT-OFF WATER, GAS, ELECTRICAL UTILITIES AS APPROPRIATE;
- ☒ 11. CALL 9-1-1 FOR PUBLIC EMERGENCY RESPONDER ASSISTANCE / MEDICAL AID;
- ☒ 12. NOTIFY AND EVACUATE PERSONS IN ALL THREATENED AREAS;
- ☒ 13. ACCOUNT FOR EVACUATED PERSONS IMMEDIATELY AFTER EVACUATION CALL;
- ☐ 14. PROVIDE PROTECTIVE EQUIPMENT FOR ON-SITE RESPONSE TEAM;
- ☐ 15. REMOVE OR ISOLATE CONTAINERS / AREA AS APPROPRIATE;
- ☒ 16. HIRE LICENSED HAZARDOUS WASTE CONTRACTOR;
- ☐ 17. USE ABSORBENT MATERIAL FOR SPILLS WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 18. SUCTION USING SHOP VACUUM WITH SUBSEQUENT PROPER LABELING, STORAGE, AND HAZARDOUS WASTE DISPOSAL AS APPROPRIATE;
- ☐ 19. WASH / DECONTAMINATE EQUIPMENT W/ CONTAINMENT and DISPOSAL OF EFFLUENT / RINSATE AS HAZARDOUS WASTE;
- ☐ 20. PROVIDE SAFE TEMPORARY STORAGE OF EMERGENCY-GENERATED WASTES;
- ☐ 21. OTHER (Specify):

D2.

E. FACILITY EVACUATION

THE FOLLOWING ALARM SIGNAL(S) WILL BE USED TO BEGIN EVACUATION OF THE FACILITY (CHECK ALL THAT APPLY): E1.

- ☐ 1. BELLS;
- ☐ 2. HORNS/SIRENS;
- ☒ 3. VERBAL (i.e., SHOUTING);
- ☐ 4. OTHER (Specify): E2.

THE FOLLOWING LOCATION(S) IS/ARE EVACUEE EMERGENCY ASSEMBLY AREA(S) (i.e., Front parking lot, specific street corner, etc.) E3.

Parking lot across the street of 2220 4th street

Note: The Emergency Coordinator must account for all on site employees and/or site visitors after evacuation.

☐ EVACUATION ROUTE MAP(S) POSTED AS REQUIRED E4.

Note: The map(s) must show primary and alternate evacuation routes, emergency exits, and primary and alternate staging areas, and must be prominently posted throughout the facility in locations where it will be visible to employees and visitors.

F. ARRANGEMENTS FOR EMERGENCY SERVICES

Explanation of Requirement: Advance arrangements with local fire and police departments, hospitals, and/or emergency services contractors should be made as appropriate for your facility. You may determine that such arrangements are not necessary.

ADVANCE ARRANGEMENTS FOR LOCAL EMERGENCY SERVICES (Check one of the following) F1.

- ☒ 1. HAVE BEEN DETERMINED NOT NECESSARY; *or*
- ☐ 2. THE FOLLOWING ARRANGEMENTS HAVE BEEN MADE (Specify): F2.

G. EMERGENCY EQUIPMENT

Check all boxes that apply to list emergency response equipment available at the facility and identify the location(s) where the equipment is kept and the equipment's capability, if applicable. [e.g., ☒ CHEMICAL PROTECTIVE GLOVES | Spill response kit | One time use, Oil & solvent resistant only.]

TYPE	EQUIPMENT AVAILABLE G1.	LOCATION	CAPABILITY *(If applicable)*
Safety and First Aid	1. ☐ CHEMICAL PROTECTIVE SUITS, APRONS, OR VESTS	G2.	G3.
	2. ☒ CHEMICAL PROTECTIVE GLOVES	G4. on forklift	G5.
	3. ☐ CHEMICAL PROTECTIVE BOOTS	G6.	G7.
	4. ☐ SAFETY GLASSES / GOGGLES / SHIELDS	G8.	G9.
	5. ☐ HARD HATS	G10.	G11.
	6. ☐ CARTRIDGE RESPIRATORS	G12.	G13.
	7. ☐ SELF-CONTAINED BREATHING APPARATUS (SCBA)	G14.	G15.
	8. ☐ FIRST AID KITS / STATIONS	G16.	G17.
	9. ☐ PLUMBED EYEWASH FOUNTAIN / SHOWER	G18.	G19.
	10. ☒ PORTABLE EYEWASH KITS	G20. by 2230 4th street entrance	G21.
	11. ☐ OTHER	G22.	G23.
	12. ☐ OTHER	G24.	G25.
Fire Fighting	13. ☒ PORTABLE FIRE EXTINGUISHERS	G26. 32 throughout building	G27.
	14. ☒ FIXED FIRE SYSTEMS / SPRINKLERS / FIRE HOSES	G28.	G29.
	15. ☐ FIRE ALARM BOXES OR STATIONS	G30.	G31.
	16. ☐ OTHER	G32.	G33.
Spill Control and Clean-Up	17. ☐ ALL-IN-ONE SPILL KIT	G34.	G35.
	18. ☐ ABSORBENT MATERIAL	G36.	G37.
	19. ☐ CONTAINER FOR USED ABSORBENT	G38.	G39.
	20. ☐ BERMING / DIKING EQUIPMENT	G40.	G41.
	21. ☐ BROOM	G42.	G43.
	22. ☐ SHOVEL	G44.	G45.
	23. ☒ SHOP VAC	G46.	G47.
	24. ☐ EXHAUST HOOD	G48.	G49.
	25. ☐ EMERGENCY SUMP / HOLDING TANK	G50.	G51.
	26. ☐ CHEMICAL NEUTRALIZERS	G52.	G53.
	27. ☐ GAS CYLINDER LEAK REPAIR KIT	G54.	G55.
	28. ☐ SPILL OVERPACK DRUMS	G56.	G57.
	29. ☐ OTHER	G58.	G59.
Communi-cations and Alarm Systems	30. ☒ TELEPHONES (Includes cellular)	G60.	G61.
	31. ☐ INTERCOM / PA SYSTEM	G62.	G63.
	32. ☐ PORTABLE RADIOS	G64.	G65.
	33. ☐ AUTOMATIC ALARM CHEMICAL MONITORING EQUIPMENT	G66.	G67.
Other	34. ☐ OTHER	G68.	G69.
	35. ☐ OTHER	G70.	G71.

H. EARTHQUAKE VULNERABILITY

Identify areas of the facility that are vulnerable to hazardous materials releases / spills due to earthquake-related motion. These areas require immediate isolation and inspection.

VULNERABLE AREAS: (Check all that apply) H1.	LOCATIONS (e.g., shop, outdoor shed, forensic lab)
☐ 1. HAZARDOUS MATERIALS / WASTE STORAGE AREA	H2.
☐ 2. PROCESS LINES / PIPING	H3.
☐ 3. LABORATORY	H4.
☐ 4. WASTE TREATMENT AREA	H5.

Identify mechanical systems vulnerable to releases / spills due to earthquake-related motion. These systems require immediate isolation and inspection.

VULNERABLE SYSTEMS: (Check all that apply) H6.	LOCATIONS
☐ 1. SHELVES, CABINETS AND RACKS	H7.
☐ 2. TANKS (EMERGENCY SHUTOFF)	H8.
☒ 3. PORTABLE GAS CYLINDERS	near 716 allston entrance in safety cage H9.
☐ 4. EMERGENCY SHUTOFF AND/OR UTILITY VALVES	H10.
☐ 5. SPRINKLER SYSTEMS	H11.
☐ 6. STATIONARY PRESSURIZED CONTAINERS (e.g., Propane dispensing tank)	H12.

I. EMPLOYEE TRAINING

Explanation of Requirement: Employee training is required for all employees handling hazardous materials and hazardous wastes in day-to-day or clean-up operations including volunteers and/or contractors. Training must be:

- Provided within 6 months for new hires;
- Amended as necessary prior to change in process or work assignment;
- Given upon modification to the Emergency Response / Contingency Plan, and updated/refreshed annually for all employees.

Required content includes all of the following:

- Material Safety Data Sheets;
- Hazard communication related to health and safety;
- Methods for safe handling of hazardous substances;
- Fire hazards of materials / processes;
- Conditions likely to worsen emergencies;
- Coordination of emergency response;
- Notification procedures;
- Applicable laws and regulations;
- Communication and alarm systems;
- Personal protective equipment;
- Use of emergency response equipment (e.g. Fire extinguishers, respirators, etc.);
- Decontamination procedures;
- Evacuation procedures;
- Control and containment procedures;
- UST monitoring system equipment and procedures (if applicable).

INDICATE HOW EMPLOYEE TRAINING PROGRAM IS ADMINISTERED (Check all that apply) I1.

☐ 1. FORMAL CLASSROOM; ☐ 2. VIDEOS; ☒ 3. SAFETY / TAILGATE MEETINGS;

☐ 4. STUDY GUIDES / MANUALS (Specify): _____ I2.

☐ 5. OTHER (Specify): _____ I3.

☐ 6. NOT APPLICABLE BECAUSE FACILITY HAS NO EMPLOYEES

Large Quantity Generator (LQG) Training Records: Large quantity hazardous waste generators (i.e., who generate more than 270 gallons/1,000 kilograms of hazardous waste per month) must retain written documentation of employee hazardous waste management training sessions which includes:

- A written outline/agenda of the type and amount of both introductory and continuing training that will be given to persons filling each job position having responsibility for the management of hazardous waste (e.g., labeling, manifesting, compliance with accumulation time limits, etc.).
- The name, job title, and date of training for each hazardous waste management training session given to an employee filling such a job position; and
- A written job description for each of the above job positions that describes job duties and the skills, education, or other qualifications required of personnel assigned to the position.
- Current employee training records must be retained until closure of the facility.
- Former employee training records must be retained at least three years after termination of employment.

J. LIST OF ATTACHMENTS

(Check one of the following) J1.

☐ 1. NO ATTACHMENTS ARE REQUIRED; *or*

☐ 2. THE FOLLOWING DOCUMENTS ARE ATTACHED: J2.

K. SIGNATURE / CERTIFICATION

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete, and that a copy is available on site.

SIGNATURE OF OWNER/OPERATOR	DATE SIGNED K1.
David Do	02/27/2013
NAME OF SIGNER (print) K2.	TITLE OF SIGNER K3.
	vp ops

FILE COPY

Planning and Development Department
Toxics Management Division

April 26, 2012

Subject: **Notice of Violation** Failure to Respond to Hazardous Materials Business Plan Reporting Requirements

Facility: WINE.COM located at 2220 FOURTH STREET

May 14, 2012 – New Deadline to Submit Update

Dear Berkeley Business Owner/Operator:

As of the date of this letter the City of Berkeley Toxics Management Division (TMD) has not received the required annual update for your Hazardous Materials Business Plan (HMBP). State law and local ordinances[1] require your business to review the hazardous materials inventory annually and either certify there are no changes or submit necessary changes. TMD mailed out letters on March 15, 2012 and required compliance through the electronic web portal or in hard copy by April 16, 2012.

For your facility, penalty for late filing of the HMBP is 10% of your facility's annual HMBP fee or $50, whichever is greater; and is assessed each month after the deadline until the update has been submitted. In addition, you may be referred to the District Attorney for failure to comply with the new deadline.

Please comply with the following steps by **May 14, 2012** to prevent any additional late filing fees or enforcement:

Step 1: Go to the following web address: http://www.berkeleycupa.com/ and click on the link that says "Click here to request a username/password". The Berkeley CUPA Login Request Form will pop up in a new window (ensure that your pop-up blocker does not prevent it from opening). Complete the required fields on the form and then click the "Submit" button. Please allow TMD four (4) working days to email you your username and password.

Step 2: Following receipt of your username and password, login with your username and password.

Step 3: Follow the instructions on each page to either update or certify the hazardous materials inventory.

If you need assistance, please call (510) 981-7460 and ask to speak with a Hazardous Materials Specialist or email toxics@cityofberkeley.info.

Sincerely,

Nabil Al-Hadithy
Hazardous Materials Manager

[1] The reports are required under Chapter 6.5 and 6.9 of Division 20 of the California Health and Safety Code and Title 15 the Berkeley Municipal Code.

Department of Planning and Development
TOXICS MANAGEMENT DIVISION
A Certified Unified Program Agency (CUPA)
2118 Milvia Street, Suite 300, Berkeley, California 94704
TEL: (510) 981-7460 ● TDD: (510) 981-6903 ● FAX: (510) 981-7470

For Dept Use Only
Entered: 9/19/12
by: DO
Scanned by: _____

HAZARDOUS MATERIALS INSPECTION AND VIOLATION REPORT

Date: 9/19/12 Time: 3:30 Page: 1 of 2
Facility Name: Wine.com FA0000650
Address: 2220 4th St. Phone: 704 2007
Owner/Operator Name: Wine.com Inc.
Facility Representative(s): Mike Daniel

Permitted CUPA Activities: ☐ HMBP ☐HW (☐LQG ☐SQG ☐CESQG) ☐UW ☐TP (TIER: _____) ☐UST ☐APSA ☐CalARP
Inspections Conducted: ☒HMBP ☐HW (☐RCRA LQG) ☐UW ☐TP (TIER: _____) ☐UST ☐APSA ☐CalARP ☐SW
Unannounced: ☒ Yes ☐ No
Purpose of Inspection: ☒Routine ☐Follow-up Inspection ☐RTC QA ☐Closure ☐Permit Screen ☐Other _____
Consent Granted for: ☐Inspection ☐Photos (include log) ☐Samples; Consent Granted By: ~~X~~ MD

SUMMARY OF VIOLATIONS, CORRECTIVE ACTIONS, FINDINGS:

Class (M, II, I)	Violation Code/ Observation and PE	Citation, Description, Corrective Action Required, and/or Observation
	Obs. 1	Provide in 30 days proof that training plan has been implemented.
M	HMBP.25	CCR 2729.2 · BMC 15.12.040(A) Facility map is incomplete. Update map to indicate emergency isolation valves (i.e., gas, water, electrical panels/shutoffs), adjacent property use, locations of emergency response equipment, piping conveying compressed air.

Note: The facility is subject to re-inspection at any time (re-inspection fees may apply).

☐ CUPA violations cited on page(s) 1 shall be corrected within 30 days.
☐ SW violations cited shall be corrected within____ days or before the next rain event.
☒ Submit Certification of Return to Compliance form within 30 days.

Facility Representative Signature: Mike Daniel Title: GM
Inspector's Signature: Debbie Andersen Inspector's Name: Debbie Andersen

Alameda Countywide
Clean Water Program
Standard Stormwater Facility Inspection Report Form

Page 2 of 2

Municipality: City of Berkeley
Date: 9/19/12 Time: 3:30
☐ Facility has closed ☐ Facility information has changed

Reason for Inspection: ☐ First Inspection ☒ Routine Inspection ☐ Response to Complaint ☐ Follow-up | Follow-up Inspection Due

ENTERED 9/19/12 SD

NAME OF FACILITY	SITE ADDRESS
Wine.com	2220 4th St.

CONTACT NAME	PHONE	BUSINESS TYPE/ACTIVITY	SIC
David Do	3048007	Wine Distributor	→

Is the property owner different than the facility owner? ☐ yes ☐ no If yes, complete the following: ☐ High Priority Facility
NAME PHONE
MAILING ADDRESS

Is the facility covered under any other programs or permits? (Check all that apply.)
☐ None ☐ Sanitary sewer
☐ Air quality ☒ Hazmat business plan ☐ Underground storage tanks ☐ Aboveground storage tanks
☒ Fire department(hazmat storage) ☐ Hazmat waste generator ☐ Retail food facility ☐ Other

Is the facility covered under a storm water permit? ☒ Does not need Coverage ☐ No, but may need to be (Refer to Water Board)
☐ Individual ☐ General: Does the facility have a SWPPP? ☐ yes ☒ no

N/A = Not Applicable; PTNL = POTENTIAL for Pollutant Discharge: 1 = low potential, 2 = medium potential, 3 = high potential
BMP effectiveness: 0 = BMPs are effective, 1 = BMPs are fairly/almost effective, 2 = BMPs are not effective, 3 = No BMPs are implemented
NSW = Non-Stormwater Discharge

AREAS OF ACTIVITY	N/A	Potential PTNL	Effectiveness BMP	Actual Discharge NSW	REMARKS: Describe recommendations, requirements, and time to implement. Check box if remark is a requirement
A. Outdoor Process/Manufacturing Areas					☐
B. Outdoor Material Storage Areas					☐ dumpsters
C. Outdoor Waste Storage/Disposal Areas					☐ Garbage stored inside
D. Outdoor Vehicle and Heavy Equipment Storage, Maintenance Areas					☐
E. Outdoor Parking Areas and Access Roads					☐
F. Outdoor Wash Areas					☐
G. Rooftop Equipment					☐
H. Outdoor Drainage from Indoor Areas					☐ Only stores wine.
I. Other (describe):					☐

COMMENTS/REMARKS/REQUIREMENTS Structural Control present ☐ Maintenance required in storm drain system ☐ yes ☐ no

Number of BMP brochures distributed? ☐ Describe: ☐ See attached for more comments.

PRIORITY FOR RE-INSPECTION: ☐ 1; First ☐ 2; Second ☒ 3; Third ☐ Referred to; Details:

ENFORCEMENT: ☒ None ☐ Verbal Notice ☐ Warning Notice ☐ Administrative Action ☐ Administrative Action w/ Penalty &/or Cost Recovery ☐ Legal Action

Facility Representative: Mike Ponne Inspector:

CITY OF BERKELEY
Department of ...ing and Development
TOXICS MANAGEMENT DIVISION
A Certified Unified Program Agency (CUPA)
2118 Milvia Street, Suite 300, Berkeley, California 94704
TEL: (510) 981-7460 ● TDD: (510) 981-6903 ● FAX: (510) 981-7470

For Dept Use Only
Entered: 9/29/15
by: KB
Scanned by: _____

HAZARDOUS MATERIALS INSPECTION AND VIOLATION REPORT

Date: 9/29/15 Time: AM Page: 1 of 2

Facility Name: Wine.Com

Address: 2220 Fourth Street Phone: 982-5585

Owner/Operator Name: David Do

Facility Representative(s): " "

Permitted CUPA Activities: ☒HMBP ☐HW (☐LQG ☐SQG ☐CESQG) ☐UW ☐TP (TIER: _____) ☐UST ☐APSA ☐CalARP
Inspections Conducted: ☒HMBP ☐HW (☐RCRA LQG) ☐UW ☐TP (TIER: _____) ☐UST ☐APSA ☐CalARP ☒SW
Unannounced: ☒Yes ☐ No
Purpose of Inspection: ☒Routine ☐Follow-up Inspection ☐RTC QA ☐Closure ☐Permit Screen ☐Other_____
Consent Granted for: ☒Inspection ☐Photos (include log) ☐Samples; Consent Granted By: x

SUMMARY OF VIOLATIONS, CORRECTIVE ACTIONS, FINDINGS:

Class (M, II, I)	Violation Code/ Observation and PE	Citation, Description, Corrective Action Required, and/or Observation
	Observation	Routine Hazardous Materials Business Plan and Stormwater inspection. The only Hazardous Materials listed on the HMBP is Propane.
		Training Plan Covers Hm.
	Observation	No Violations Noted

Note: The facility is subject to re-inspection at any time (re-inspection fees may apply).

☐ CUPA violations cited on page(s) _____ shall be corrected within ____ days.
☐ SW violations cited shall be corrected within____ days or before the next rain event.
☐ Submit Certification of Return to Compliance form within 30 days.

Facility Representative Signature: x [signature] Title: VP Operations

Inspector's Signature: [signature] Inspector's Name: Karl Tesche

Alameda Countywide
Clean Water Program
Standard Stormwater Facility Inspection Report Form

ENTERED KS

Municipality: Berkeley
Date: 9/29/15 Time:
☐ Facility has closed ☐ Facility information has changed

Reason for Inspection: ☐ First Inspection ☒ Routine Inspection ☐ Response to Complaint ☐ Follow-up | Follow-up Inspection Due:

NAME OF FACILITY	SITE ADDRESS
Wine.com	2220 Fourth Street

CONTACT NAME	PHONE	BUSINESS TYPE/ACTIVITY	SIC
David Do	982-3585	Wine Dist	

Is the property owner different than the facility owner? ☒ yes ☐ no If yes, complete the following: ☐ High Priority Facility
NAME PHONE
MAILING ADDRESS

Is the facility covered under any other programs or permits? (Check all that apply.)
☐ None ☐ Sanitary sewer
☐ Air quality ☒ Hazmat business plan ☐ Underground storage tanks ☐ Aboveground storage tanks
☐ Fire department(hazmat storage) ☐ Hazmat waste generator ☐ Retail food facility ☐ Other

Is the facility covered under a storm water permit? ☐ Does not need Coverage ☐ No, but may need to be (Refer to Water Board)
☐ Individual ☐ General: Does the facility have a SWPPP? ☐ yes ☐ no

N/A = Not Applicable; PTNL = POTENTIAL for Pollutant Discharge: 1 = low potential, 2 = medium potential, 3 = high potential
BMP effectiveness: 0 = BMPs are effective, 1 = BMPs are fairly/almost effective, 2 = BMPs are not effective, 3 = No BMPs are implemented
NSW = Non-Stormwater Discharge

AREAS OF ACTIVITY	N/A	Potential PTNL	Effectiveness BMP	Actual Discharge NSW	REMARKS: Describe recommendations, requirements, and time to implement. Check box if remark is a requirement
A. Outdoor Process/Manufacturing Areas	X				☐
B. Outdoor Material Storage Areas		1	1		☐
C. Outdoor Waste Storage/Disposal Areas	X				☐
D. Outdoor Vehicle and Heavy Equipment Storage, Maintenance Areas	X				☐
E. Outdoor Parking Areas and Access Roads		1	1		☐
F. Outdoor Wash Areas	X				☐
G. Rooftop Equipment	X				☐
H. Outdoor Drainage from Indoor Areas	X				☐
I. Other (describe):	X				☐

COMMENTS/REMARKS/REQUIREMENTS Structural Control present ☐ Maintenance required in storm drain system ☐ yes ☐ no
no items noted. No products stored outside. Wine Distributor only, no manufacturing.

Number of BMP brochures distributed? ☐ Describe: ☐ See attached for more comments.
PRIORITY FOR RE-INSPECTION: ☐ 1; First ☐ 2; Second ☒ 3; Third ☐ Referred to; Details:
ENFORCEMENT: ☒ None ☐ Verbal Notice ☐ Warning Notice ☐ Administrative Action ☐ Administrative Action w/ Penalty &/or Cost Recovery ☐ Legal Action

Facility Representative: [signature] Inspector: Karl Bushko

OFFICIAL INSPECTION REPORT

City Of Berkeley Toxics Management Division
1947 Center Street, First Floor
Berkeley, CA 94704
(510) 981-7460
toxics@cityofberkeley.info

Facility Name	: WINE.COM	Owner	: Wine.com Inc
Site Address	: 2220 Fourth ST	Facility ID	: FA0000650
Facility Phone	: (510) 982-3385	Inspection Date	: 10/5/18

Consent Granted By: Eric Fussganger

☐ Photos Taken ☐ Samples Taken

Inspections completed on this date at this facility

Inspection Number	Inspection Type	Record ID	Program
DAEC0P3U3	ROUTINE INSPECTION	PR0002536	STORMWATER
DAHNBHFUO	ROUTINE INSPECTION	PR0000433	HMBP

An inspection of your facility revealed the following violations of the California Health and Safety Code, the California Code of Regulations, and/or Title 15 of the Berkeley Municipal Code. The facility is subject to re-inspection at any time. A re-inspection fee may be assessed.

Summary of Violations and Notice to Comply

HMBP

Violation Observed: **1010010** **MINOR VIOLATION** **Comply by 11/4/2018**

Failure to establish and electronically submit adequate emergency response procedures for a release or threatened release of a hazardous material. HSC 6.95 25505(a)(3), 25508(a)(1); 19 CCR 4 2658

Observation and Corrective Action:

Facility did not submit emergency response procedures, electronically, to the UPA, the City of Berkeley's Toxics Management Division, through the California Environmental Reporting System (CERS).

Corrective action: Submit your emergency response plan for a release or threatened release of a hazardous material in CERS within 30 days. The plan shall include all required information.

Violation Observed: **1010005** **MINOR VIOLATION** **Comply by 11/4/2018**

Failure to complete and electronically submit a site map with all required content. HSC 25505(a)(2), 25508(a)(1)

Observation and Corrective Action:

Facility did not submit a site map, electronically, to the UPA, the City of Berkeley's Toxics Management Division, through the California Environmental Reporting System (CERS).

Corrective action: Submit your site map that includes the North direction, loading areas, internal roads, adjacent streets, storm & sewer drains, access and exit points, emergency shutoffs, evacuation staging area, haz mat handling and storage areas, and ER equipment in CERS within 30 days.

Violation Observed: **1020001** **MINOR VIOLATION** **Comply by 11/4/2018**

Failure to establish and electronically submit an adequate training program, which is reasonable and appropriate for the size of the business and the nature of the hazardous material handled. HSC 6.95 25505(a)(4), 25508(a)(1)

Observation and Corrective Action:

Facility did not submit the training program, electronically, to the UPA, the City of Berkeley's Toxics Management Division, through the California Environmental Reporting System (CERS).

Corrective action: Submit your training plan that includes the training of staff on safety procedures in the event of a release or threatened release of HM or other emergency, and handling of hazardous materials. Submit in CERS within 30 days.

General Comments and Observations

HMBP

Met with Eric Fussganger as the environmental contact and primary emergency contact listed on the Business Owner Operator page is no longer at the site. Please update the Business Owner Operator form on CERS. In addition, please update the business activities page to state the facility does store hazardous materials in quantities exceeding applicable thresholds.

Confirmed the storage of propane.

Toxics Management Division to provide information on recycling options for fluorescent bulbs.

This report shall serve as a "Notice to Comply" for minor violations, and a "Notice of Violation" for Major violations. You are hereby ordered to correct the above noted violations within 30 days, or as noted in the Summary of Violations above.
Formal enforcement and/or penalty assessment may be initiated for any violations noted, and for those not corrected in a timely manner.

By signing this document, I have been notified of the regulatory violations noted in this report. I understand that failure to return to compliance within the specified time frame could result in a re-inspection of this facility with an additional fee and possible enforcement action including penalties.

Facility Representative Signature

Date Signed 10/05/2018

Carrie Estadt
Hazardous Materials Specialist II

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, along with supporting documentation, if applicable, to TMD.

Certification of Return to 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_____

Standard Stormwater Facility Inspection Report

City Of Berkeley Toxics Management Division
1947 Center Street, First Floor
Berkeley, CA 94704
(510) 981-7460
toxics@cityofberkeley.info

Reason For Inspection: ☐ First Inspection ■ Routine Inspection ☐ Response to Complaint ☐ Follow-up **Follow-up Date:**

NAME OF FACILITY	ADDRESS	CITY/STATE	ZIP CODE	DATE
WINE.COM	2220 Fourth ST	BERKELEY, CA	94710	10/5/2018

CONTACT NAME	TELEPHONE	BUSINESS TYPE / ACTIVITY	SIC
Eric Fussganger	(510) 982-3385		0000

Is the property owner different than the facility owner? ☐ Yes ■ No **PHONE:** ☐ High Priority

NAME: **MAILING ADDDRESS:**

Is the facility covered under any other programs or permits? (Check all that apply.)

☐ None ☐ Sanitary Sewer
☐ Air Quality ■ Hazmat Business Plan ☐ Underground Storage Tanks ☐ Aboveground Storage Tanks
■ Fire Department (Hazmat Storage) ☐ Hazmat Waste Generator ☐ Retail Food Facility ☐ Other:

Is the facility covered under a storm water permit? ■ Does not need Coverage ☐ No, but may need to be (Refer to Water Board)
☐ Individual ☐ General Does the facility have a SWPPP? ☐ Yes ☐ No

N/A = Not Applicable; **PTNL** = POTENTIAL for Pollutant Discharge: 1 = low potential, 2 = medium potential, 3 = high potential
BMP Effectiveness: 0 = BMPs are effective, 1= BMPs are fairly/almost effective, 2 = BMPs are not effective, 3 = No BMPs are implemented
NSW = Non-Stormwater Discharge

AREAS OF ACTIVITY	N/A	Potential PTNL	Effectiveness BMP	Actual Discharge NSW	REMARKS: Describe recommendations, requirements, and time to implement. Check box if remark is a requirement
A. OUTDOOR PROCESSING/MANUFACTURING	■			☐	☐
B. OUTDOOR MATERIAL STORAGE AREAS	■			☐	☐
C. OUTDOOR WASTE/DISPOSAL AREAS	■			☐	☐
D. OUTDOOR VEHICLE AND HEAVY EQUIPMENT STORAGE, MAINTENANCE AREA	■			☐	☐
E. OUTDOOR PARKING AREAS AND ACCESS ROADS	☐	1	0	☐	☐
F. OUTDOOR WASH AREAS	■			☐	☐
G. ROOFTOP EQUIPMENT	■			☐	☐
H. OUTDOOR DRAINAGE FROM INDOOR AREAS	■			☐	☐
I. OTHER (DESCRIBE)	■			☐	☐

Structural Control Present ☐ Maintenance required in storm drain system ☐ Yes ■ No

Number of BMP brochures distributed? Describe BMP:

Comments/Remarks/Requirements:

PRIORITY FOR RE-INSPECTION: ☐ 1: First ☐ 2: Second ■ 3: Third Referred to :

ENFORCEMENT: ☐ None ☐ Verbal Notice ☐ Warning Notice ☐ Administrative Action ☐ Administrative Action w/ Penalty &/or Cost Recovery ☐ Legal Action

Violations will be copied to property owner.

Signatures

Inspector: Carrie Estadt
HAZARDOUS MATERIALS SPECIALIST II

with published regulatory guidelines, it appears that incidental contact would not pose a significant risk to these receptors when following standard health and safety procedures.

8.0 RECOMMENDATIONS

Potential human contact with the impacted subsurface materials is effectively limited by a concrete slab and foundation system on the west side of the existing Site structure. We recommend that access to the existing wells be maintained. Further, we recommend that in the future, when redevelopment of the Site is contemplated, a Project-Specific Soil and Groundwater Management Plan should be developed and implemented. This plan should evaluate risks posed to future site occupants, construction workers and the environment as a result of proposed redevelopment plans. The plan should also present mitigation for significant risks that may be posed, and describe how impacted materials generated during redevelopment will be properly managed.

There are no current plans to alter the existing railroad right-of-way grade. This is an active railroad and subsurface utility corridor, and existing institutional controls limit access to those with proper health and safety training. Studies completed to date have not identified PCP or chlordane concentrations in soil or groundwater that require further mitigation or monitoring.

While concentrations of PCP and chlordane in the shallow soil exposed in the railroad embankment area west of the existing Site building have decreased over the last 10 years, some concentrations are still elevated. The embankment area is also covered by institutional controls; however, these controls are more difficult to enforce. As such, we recommend that as a further measure of protection, the exposed soil in the embankment area on the west side of the existing structure be covered by a thin layer of concrete. This work will require that a right-of-access permit be obtained from the Union Pacific Railroad for this specific use.

9.0 LIMITATIONS

Fugro has prepared this report in a professional manner, using that degree of skill and care exercised for similar projects under similar conditions by reputable and competent environmental consultants. Fugro shall not be responsible for conditions or consequences arising from relevant facts that were concealed, withheld, or not fully disclosed at the time the report was prepared. Fugro also notes that the facts and conditions referenced in this report may change over time and the conclusions and recommendations set forth herein are applicable only to the facts and conditions as described at the time of this report. We believe the conclusions stated herein to be factual, but no guarantee is made or implied. This report has been prepared for the benefit of Herst Ventures, Inc. and the DTSC. The information contained in this report, including all exhibits and attachments, may not be used by any party other than the Herst Ventures, Inc., without the express written consent of Fugro.

6.2.2 Chlordane Results

Chlordane was not detected at the downgradient groundwater sample location HA-1 located on the west side of the railroad right-of-way.

Chlordane was also not detected in groundwater samples from wells M-1 and M-2, and piezometer S-8. Chlordane was detected in the groundwater samples from piezometer S-7 (9.4 ug/L) and piezometer S-10 (1.9 ug/L). Chlordane appears to exist in a hydrocarbon mixture and since chlordane adsorbs to sediment/soil, the relative amount of chlordane present historically has varied.

6.2.3 Total Petroleum Hydrocarbon Results

Detected TPHd concentrations in the groundwater ranged from 56 ug/l (HA-1) to 39,000 ug/l (S-7). Review of the laboratory chromatographs and discussions with the laboratory manager indicate that the relatively low TPHd concentration detected at the downgradient sampling location (HA-1) possessed a heavier petroleum fraction and did not have the same indicators (peaks) as the samples obtained from the wells and the piezometers. This strongly suggests that the source of the impacts at the downgradient sample location and the source of the impacts observed at the wells and piezometers are different.

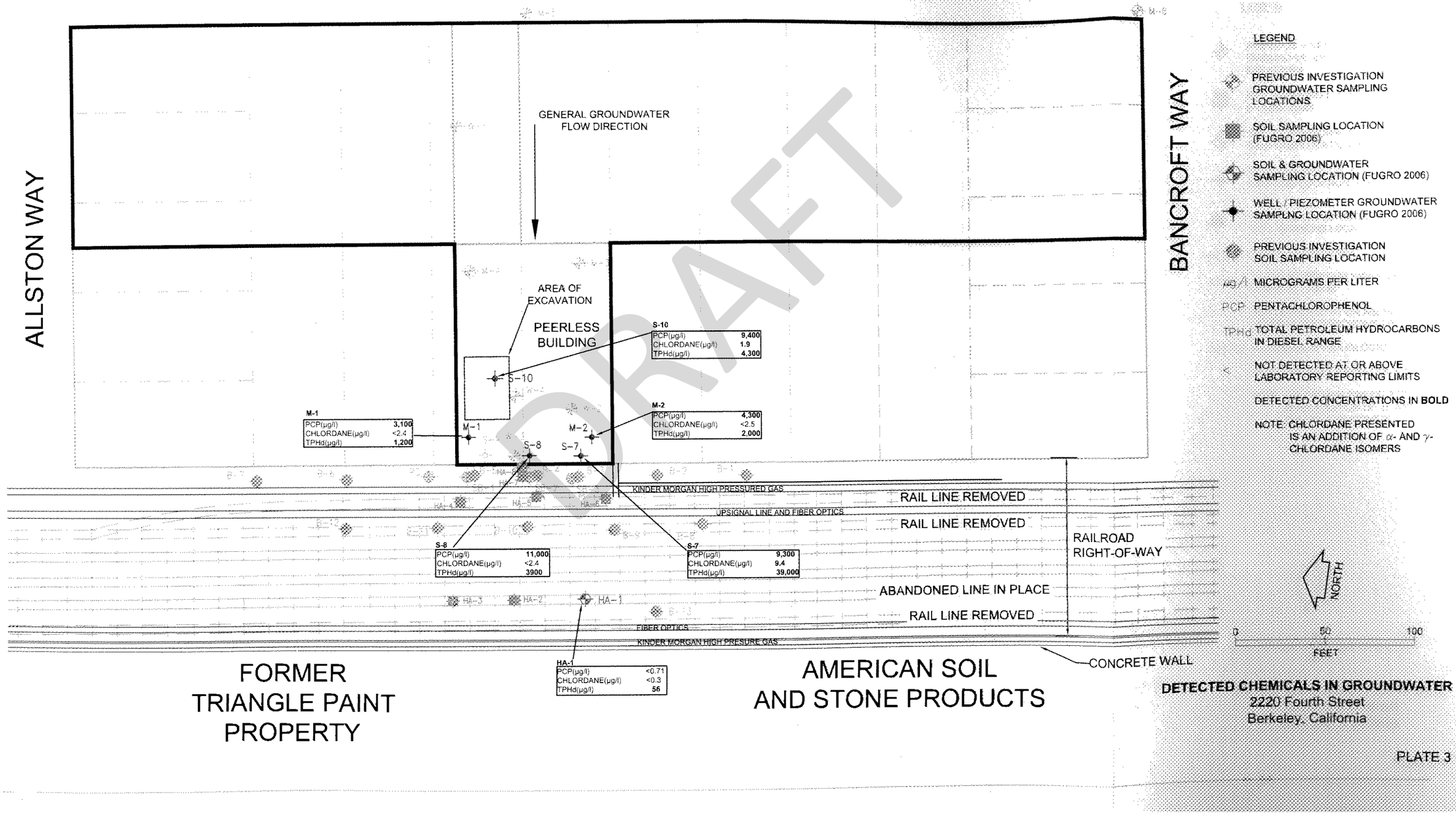
7.0 CONCLUSIONS

The current study confirms that impacts to soil and groundwater due to releases of termite control compounds occurring from past operations at the Site are localized to those subsurface materials below the west side of the existing Site building and within the railroad embankment area immediately to the west of the existing building. In their present state the impacted materials do not appear to be posing a significant risk to human health and the environment. The prominent findings supporting this conclusion are presented below:

- Soils containing PCP and chlordane are either covered with a structurally reinforced concrete slab and thickened foundation system or are located within an embankment, which resides in a land and public use restricted area owned by the Union Pacific Railroad. The existing physical barriers and institutional controls effectively limit routine human contact with the impacted soils.
- The concentrations of PCP and chlordane in the shallow soil exposed in the embankment have decreased since the sampling conducted by the railroad in 1994/1995.
- The concentrations of the PCP, TPHd and chlordane mixture in groundwater have not significantly changed over the past 20 years. While the concentrations detected do exceed MCL's, the local groundwater is brackish and not considered a useable drinking water source. The closest potential receptor at potential risk would be an aquatic receptor located more than 500 feet to the west. However, since the plume has not significantly migrated, the risk of exposure to an aquatic receptor is low.
- Construction workers/maintenance workers, and environmental professionals are the potential receptors, who may come into contact with the impacted soil and groundwater. Based on a comparison of the concentrations of chemicals of concern

Herst Ventures, Inc.
Project Number 698.004

FUGRO



LEGEND

- PREVIOUS INVESTIGATION GROUNDWATER SAMPLING LOCATIONS
- SOIL SAMPLING LOCATION (FUGRO 2006)
- SOIL & GROUNDWATER SAMPLING LOCATION (FUGRO 2006)
- WELL / PIEZOMETER GROUNDWATER SAMPLING LOCATION (FUGRO 2006)
- PREVIOUS INVESTIGATION SOIL SAMPLING LOCATION
- µg/l MICROGRAMS PER LITER
- PCP PENTACHLOROPHENOL
- TPHd TOTAL PETROLEUM HYDROCARBONS IN DIESEL RANGE
- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS

DETECTED CONCENTRATIONS IN **BOLD**

NOTE: CHLORDANE PRESENTED IS AN ADDITION OF α- AND γ-CHLORDANE ISOMERS

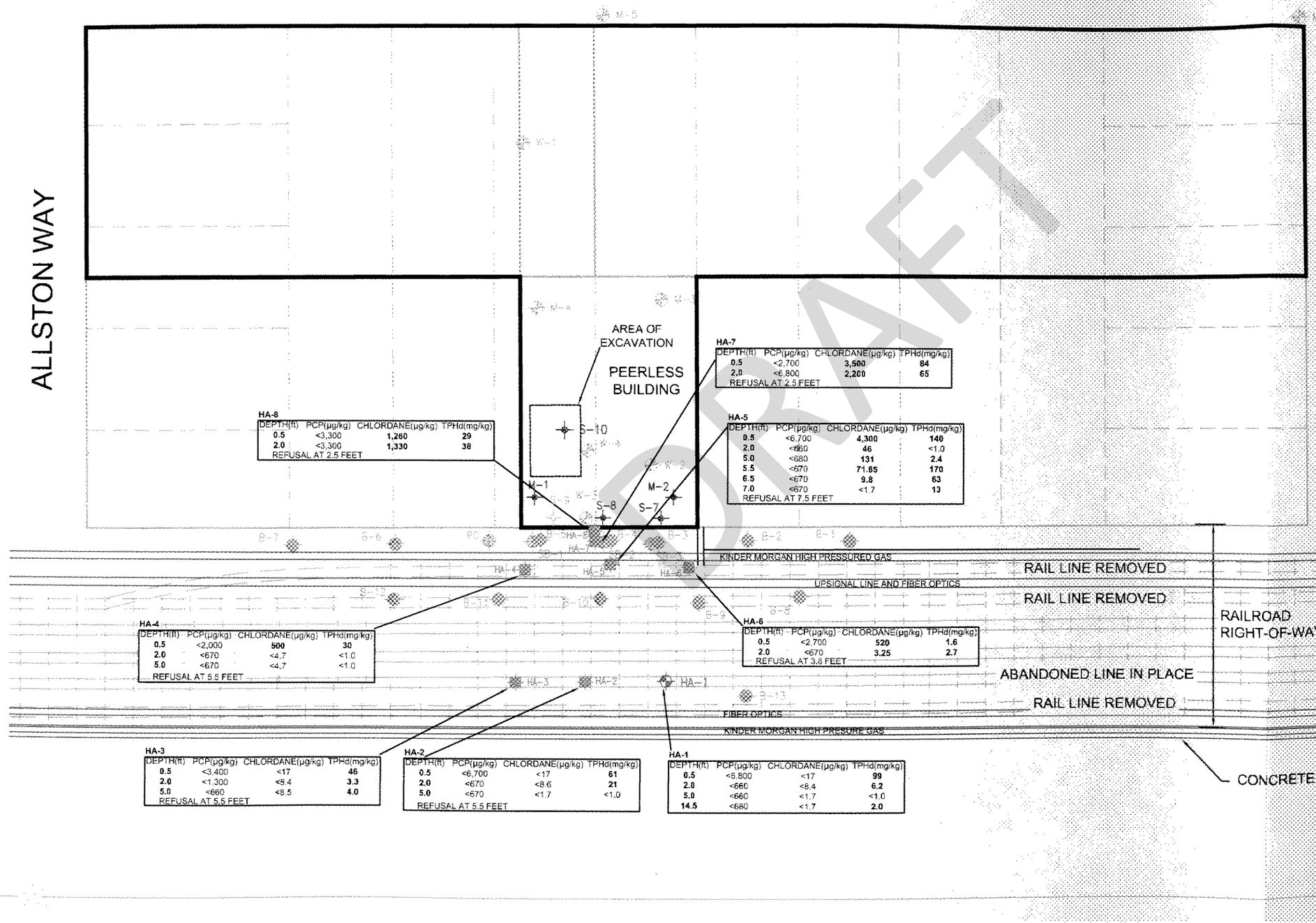
NORTH

0 50 100
FEET

DETECTED CHEMICALS IN GROUNDWATER
2220 Fourth Street
Berkeley, California

PLATE 3

Herst Ventures, Inc.
Project Number 698.004



LEGEND

- PREVIOUS INVESTIGATION GROUNDWATER SAMPLING LOCATIONS
- SOIL SAMPLING LOCATION (FUGRO 2006)
- SOIL & GROUNDWATER SAMPLING LOCATION (FUGRO 2006)
- WELL / PIEZOMETER GROUNDWATER SAMPLING LOCATION (FUGRO 2006)
- PREVIOUS INVESTIGATION SOIL SAMPLING LOCATION
- PCP PENTACHLOROPHENOL
- TPHd TOTAL PETROLEUM HYDROCARBONS IN DIESEL RANGE
- < NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMITS
- µg/kg MICROGRAMS PER KILOGRAM
- DETECTED CONCENTRATIONS IN **BOLD**
- NOTE: CHLORDANE PRESENTED IS AN ADDITION OF α- AND γ- CHLORDANE ISOMERS

DETECTED CHEMICALS IN SOIL
2220 Fourth Street
Berkeley, California

PLATE 4

Map Name ____________

(27) Common/ Trade Name	(29,31) Chemical Name Components and Concentration	(30) Chemical Abstract Service #	(36) Physical State	(51,52,53,54) Quantity on Hand: Max	Avg	Largest Container	Annual Thruput	Units	(55) Days on Site	(48,49,50) Storage Code: Type	Press	Temp	(42) SARA Class
[illegible]	[illegible] (w/w) [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible]	[illegible] [illegible] [illegible] [illegible]	8.0 gal	2.0	1.0 gal	<1.0 gal		365	F F F F	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible] [illegible]	[illegible]	<1.0	5.0 gal	<1.0 gal		365	E E	[illegible]	[illegible]	[illegible]
									365	E	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	1	<1	1	<1						
[illegible]	[illegible] -3% -3% -5%		Solid	5.0 gal	<1.0	5.0 gal	<1.0 gal		365	Z Z Z Z	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] 55% [illegible] 36% [illegible] [illegible] [illegible] 25%	[illegible]	Solid	5.0 gal	<1.0	5.0 gal	<1.0 gal		365	E E E E E	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] 46		Liquid	5.0 gal	<1.0	5.0 gal	<1.0 gal		365	E	[illegible]	[illegible]	[illegible]
[illegible]	[illegible] 95% [illegible] [illegible]		Liquid	5.0 gal	<1.0	5.0 gal	<1.0 gal		365	I I I	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]		Liquid	5.0 gal	<1.0	5.0 gal	<1.0 gal		365	E	[illegible]	[illegible]	[illegible]

Map Name 1

(38) Hazard Class	(27) Common/ Trade Name	(29,31) Chemical Name Components and Concentration	(30) Chemical Abstract Service #	(36) Physical State	(51,52,53,54) Quantity on Hand				Units	(55) Days on Site	(48,49,50) Storage Code			(42) SARA Class
					Max	Avg	Largest Container	Annual Thruput			Type	Press	Temp	
N/A	01585 SULTEK F	MINERAL OIL 80-95 TRIARYL PHOSPHATE < 1 SULFURIZED OLEFIN 0-20 ZINC DITHIOPHOSPHATE } 1-5 SULFIDE OLEUM		LIQUID	5.0 GALS	<1.0	5.0 GAL	<1.0		365	N	1	1	NO
N/A	MX-237	Triglycerides Polyethoxylated ester nonionic surfactant		Liquid	3.0 GAL	<1.0	5.0 GAL	<1.0		365	E	1	1	NO
N/A	ANTI SPATTER	BECITHIN- Polysorbate- DEIONIZED WATER NITROGEN	8000 2435 900 5646 7732 18 5 10 102 44 0	Liquid	2 lbs	2 lbs	1-lb	<1.0		365	F	2	1	NO
N/A	NEU-SZ	COPPER FLAKE Powder ZINC oxide ALUMINUM FLAKE	7440508 1314132 7429 90 5	Liquid	1-lb	1-lb	1-lb	<1.0		365	F	2	1	NO

Map Name /

RECEIVED
OCT 24 1994
By

(38) Hazard Class	(27) Common/ Trade Name	(29,31) Chemical Name Components and Concentration	(30) Chemical Abstract Service #	(36) Physical State	(51,52,53,54) Quantity on Hand				Units	(55) Days on Site	(48,49,50) Storage Code			(42) SARA Class
					Max	Avg	Largest Container	Annual Thruput			Type	Press	Temp	
N/A	BRAKE FLUID	DIETHYLENE GLYCOL POLYETHYLENE GLYCOL POLY GLYCOL ETHERS CORR. INHIB.	111466 25322683	LIQUID	1.0GAL	<1.0	1.0 GAL	< 1.0		365	F	1	1	NO
N/A	CASTROL GT-LMA BRAKE FLUID	MIXED: GLYCOL ETHERS BORATE ESTERS GLYCOL DERIV. ALKYLAMINES ALKYL AROMATICS		LIQUID	1.0GAL	<1.0	1.0 GAL	<1.0		365	F	1	1	NO
N/A	UNOCAL SYNTHETIC REDUCER	TOLUNE 99-100	108883	LIQUID	1.0 GAL	<1.0	1.0 GAL	<1.0		365	N	1	1	NO
N/A	KEROSENE	KEROSENE 400 PPM	800 8206	LIQUID	5.0 GAL	<1.0	5.0 GAL	<1.0		365	N	1	1	NO
N/A	GASOLINE	BENZENE 4.9 ETHYLBENZENE 1.4 XYLENE - P .9 XYLENE - M 9.6 XYLENE - O 2.2 TOLUENE 6.5 HEXANE 3.0 CYCLOHEXANE 2.4	71432 100414 106423 108383 595476 108883 110543 110827	LIQUID	10.0	5.0	5.0 GAL	1.0 GAL		365	N	1	1	NO
N/A	COMM. PROPANE	PROPANE. RADON	74986 14859677	GAS	24.0	1.0	8.0	<.1 GAL		365	N	1	1	NO
N/A	CARBON DIOXIDE	CARBON DIOXIDE	124389	GAS	325 FT^3	1.0 FT^3	325 FT^3	<.1 FT^3		365	NE	1	1	NO
N/A	OXYGEN	OXYGEN		GAS	251 FT^3	1.0 FT^3	251 FT^3	<.1 FT^3		365	NE	1	1	NO

ALL REPAIR MACHINE SHOP

MAR 0 1 '00

BY:

OFFICE:
2221 Fourth Street
Berkeley, California 94710
PHONE: (510) 843-ARMS (2767)

MAILING ADDRESS:
P.O. Box 2418
Berkeley, California 94702-0418
FAX: (510) 843-3132

February 24,00.

Department of Planning and Development
TOXICS MANGEMENT DIVISON
2118 Milvia Street,Suite 200
Berkeley,Calif. 94704

Subject : Corrections of Violations : Permit # 64784

Attn: Inspector Andrew Block

This letter is in reference to Jan 26,00 inspection,summary of violations. I have signed up for a Safety - Kleen Compliance Seminar March 14,00, to cover items on enclosed sheet. I have also enclosed copies of the annual employee safety training documentation ,a copy in personnel file along with a copy in Hazardous waste booklet and weekley inspection book.

On the 5 yellow pages that you left, page 4 of 5 , steel pile ferrous metal parts outside to be covered. We have moved the steel to erect a steel frame with a roof, it has been a little difficult to get much done during the rain, but coming along. If everything goes along ok,we should be completed with this project by 1st of March.

Thank you for your attention to these matter's,

Sincerely,

Jim Parks

Jim Parks
All Repair Machine Shop

FILE COPY

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION

Issued to

Name of Facility: ALL REPAIR MACHINE SHOP (ARMS)	*Customer Identification Number:* CID# 64784
Street Address: 2221 FOURTH STREET	*Mailing Address:* 2221 FOURTH STREET
Permit Type: ☒ Full ☐ Provisional ☐ Temporary	*City/State/ZIP:* BERKELEY, CA 94710

For the following elements of the Unified Hazardous Materials and Hazardous Waste Program

Hazardous Materials Release Response Plan: **B2**	Hazardous Waste Generator Program: **<55**
Above Ground Petroleum Storage, SPCC Plan:	Tiered Permit Program for Onsite Treatment of Hazardous Waste:
Universal Waste:	California Accidental Release Prevention Program and/or Federal Risk Management Plan (CalARP):
Underground Storage Tank Program No. of USTs:	Radiological Agents: Etiological Agents:

Certification

I certify that I have read and I hereby accept the terms and conditions printed on the other side of this Unified Program Consolidated Permit and Registration. I agree to comply with all permit conditions and all local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

Signature of Applicant	*Printed Name and Title*	*Date Signed*

Note: Your Consolidated Permit and Registration is granted subject to compliance with the permit conditions described on the reverse side of this page.

FOR OFFICE USE ONLY

Effective Date:	**Expiration Date:**		*Machine Validation / Official Receipt*
January 01, 2011	March 1, 2013	**Approved By: Nabil Al-Hadithy**	
Issue Date: December 28, 2011			

G:\TOXICS\CUPA\PERMIT\00PERMTS\

FILE COPY

UNIFIED PROGRAM CONSOLIDATED PERMIT AND REGISTRATION
City of Berkeley Toxics Management Division

CONDITIONS:

In order to maintain this Consolidated Permit and Registration, the permittee/registrant must comply with the following:

801. This permit is subject to all applicable local, state and federal ordinances, laws, statutes, codes, rules and regulations relating to the storage, handling, generation and disposal of hazardous materials and/or hazardous waste.

802. This permit is not transferable. Any permit or registration issued to a particular person or for a designated place, operation, purpose or object shall not be valid for use by or for any other person, place, operation, purpose or object.

803. The permittee/registrant shall retain this permit at its facility, immediately available upon request by an inspector or the hazardous materials manager.

804. The permittee/registrant shall notify the Toxics Management Division within 30 days of any changes in the operation of the facility that may affect the permit, or changes of the owner or operator.

805. The permittee/registrant shall pay an annual fee as designated each year, and all applicable state surcharge fees.

806. The permittee/registrant shall authorize representatives of the Toxics Management Division to enter the facility for inspection purposes to ascertain compliance and cause correction of any violation of the Unified Program Permit/Registration Conditions and of any applicable ordinances, codes, laws, statutes, rules, or regulations.

807. The permittee/registrant shall take all necessary steps to ensure the discovery, containment and clean up of any confirmed or unconfirmed unauthorized release of any hazardous material/hazardous waste and shall notify the Toxics Management Division of such unauthorized release if the release or threatened release presents or may present a significant threat to human life, property or the environment.

808. For hazardous materials sites, at least 45 days prior to the closure of a regulated unit or the facility, the permittee/registrant will submit a closure application to the Toxics Management Division addressing the appropriate removal of all hazardous materials and hazardous wastes from the facility.

Failure to comply with any of the foregoing conditions may result in revocation of this permit and/or a penalty assessment.

Department of Planning and Development
TOXICS MANAGEMENT DIVISION
A Certified Unified Program Agency (CUPA)
2118 Milvia Street, Suite 300, Berkeley, California 94704
TEL: (510) 981-7460 ● TDD: (510) 981-6903 ● FAX: (510) 981-7470

For Dept Use Only
Entered: 11/26/12
by: MEL
Scanned by: _____

HAZARDOUS MATERIALS INSPECTION AND VIOLATION REPORT

Date: 10/1/12 Time: 14:00 Page: 1 of 2

Facility Name: All Repair Machine Shop

Address: 2221 Fourth St. Phone: 843-2767

Owner/Operator Name: Eugene Stadelhofer

Facility Representative(s): Tim Seagren

Permitted CUPA Activities: ☑ HMBP ☑ HW (☐ LQG ☐ SQG ☑ CESQG) ☐ UW ☐ TP (TIER: _____) ☐ UST ☐ APSA ☐ CalARP

Inspections Conducted: ☑ HMBP ☑ HW (☐ RCRA LQG) ☐ UW ☐ TP (TIER: _____) ☐ UST ☐ APSA ☐ CalARP ☑ SW

Unannounced: ☐ Yes ☑ No

Purpose of Inspection: ☑ Routine ☐ Follow-up Inspection ☐ RTC QA ☐ Closure ☐ Permit Screen ☐ Other _____

Consent Granted for: ☑ Inspection ☐ Photos (include log) ☐ Samples; Consent Granted By: _____

SUMMARY OF VIOLATIONS, CORRECTIVE ACTIONS, FINDINGS:

Class (M, II, I)	Violation Code/ Observation and PE	Citation, Description, Corrective Action Required, and/or Observation
M	HMBP2.9	27.9.1(a) Training needs to be conducted annually, has not occurred since 2009. Please conduct a training and submit a return to compliance form by 11/1/12.

Note: The facility is subject to re-inspection at any time (re-inspection fees may apply).

☐ CUPA violations cited on page(s) _____ shall be corrected within ____ days.

☐ SW violations cited shall be corrected within____ days or before the next rain event.

☑ Submit Certification of Return to Compliance form within 30 days.

Facility Representative Signature: Tim Seagren Title: GENERAL MANAGER

Inspector's Signature: M Lea Inspector's Name: Meridith Lear

Alameda Countywide
Clean Water Program
Standard Stormwater Facility Inspection Report Form

ENTERED mb

Municipality: City of Berkeley
Date: 10/1/12 Time: 14:00
☐ Facility has closed ☐ Facility information has changed

Reason for Inspection: ☐ First Inspection ☑ Routine Inspection ☐ Response to Complaint ☐ Follow-up | Follow-up Inspection Due:

NAME OF FACILITY: All Repair Machine Shop | SITE ADDRESS: 2221 Fourth St.

CONTACT NAME | PHONE: 843-2767 | BUSINESS TYPE/ACTIVITY: Machine Shop | SIC

Is the property owner different than the facility owner? ☑ yes ☐ no If yes, complete the following: ☐ High Priority Facility
NAME PHONE
MAILING ADDRESS

Is the facility covered under any other programs or permits? (Check all that apply.)
☐ None ☐ Sanitary sewer
☐ Air quality ☑ Hazmat business plan ☐ Underground storage tanks ☐ Aboveground storage tanks
☐ Fire department(hazmat storage) ☑ Hazmat waste generator ☐ Retail food facility ☐ Other

Is the facility covered under a storm water permit? ☑ Does not need Coverage ☐ No, but may need to be (Refer to Water Board)
☐ Individual ☐ General: Does the facility have a SWPPP? ☐ yes ☑ no

N/A = Not Applicable; PTNL = POTENTIAL for Pollutant Discharge: 1 = low potential, 2 = medium potential, 3 = high potential
BMP effectiveness: 0 = BMPs are effective, 1 = BMPs are fairly/almost effective, 2 = BMPs are not effective, 3 = No BMPs are implemented
NSW = Non-Stormwater Discharge

AREAS OF ACTIVITY	N/A	Potential PTNL	Effectiveness BMP	Actual Discharge NSW	REMARKS: Describe recommendations, requirements, and time to implement. Check box if remark is a requirement
A. Outdoor Process/Manufacturing Areas		1	1		☐ make sure outdoor spills are cleaned up right after they occur
B. Outdoor Material Storage Areas		1	1		☐
C. Outdoor Waste Storage/Disposal Areas	✓				☐
D. Outdoor Vehicle and Heavy Equipment Storage, Maintenance Areas		1	1		☐ washing may only occur if water is recaptured and routed to the sanitary sewer.
E. Outdoor Parking Areas and Access Roads	✓				☐
F. Outdoor Wash Areas	✓				☐
G. Rooftop Equipment	✓				☐
H. Outdoor Drainage from Indoor Areas	✓				☐
I. Other (describe):					☐

COMMENTS/REMARKS/REQUIREMENTS Structural Control present ☐ Maintenance required in storm drain system ☐ yes ☐ no

Number of BMP brochures distributed? ☐ Describe: ☐ See attached for more comments.

PRIORITY FOR RE-INSPECTION: ☐ 1; First ☐ 2; Second ☑ 3; Third | ☐ Referred to; Details:

ENFORCEMENT: ☑ None ☐ Verbal Notice ☐ Warning Notice ☐ Administrative Action ☐ Administrative Action w/ Penalty &/or Cost Recovery ☐ Legal Action

F:\Al4x\Al49.03\Database Revision\InspForm final 9-22-05.doc

Facility Representative: Jim Leaguer Inspector: MDoan

p. 2 of 2

Department of Planning and Development
Toxics Management Division
2118 Milvia Street, Suite 300
Berkeley, CA 94704
(510) 981-7460 FAX (510) 981-7470
e-mail: toxics@ci.berkeley.ca.us

For Dept Use Only – Log In/Date Stamp
RECEIVED
OCT 30 2012
TOXICS MGMT. DIVISION

RTC entered on: 11/2/12 by: MG

CERTIFICATION OF RETURN TO COMPLIANCE

Date: 10/21/12

Owner/Operator: KEN STADELHOFER

Facility Name: ALL REPAIR MACHINE SHOP

Address: 2221 4TH STREET, Berkeley Zip code: 94710

In the matter of the Violation(s) cited on the Hazardous Materials Inspection and Violation Report and/or the Stormwater Facility Inspection Report issued on 10/1/12 conducted by Meredith Lear (inspector).

I certify under penalty of law that:

YES	N/A	
☑	☐	The violation(s) specified on the Hazardous Materials Inspection and Violation Report have been corrected and any required supporting documentation is attached (e.g. photos, copies of manifests/disposal receipts, or other original paperwork).
☐	☐	The violation(s) specified on the Stormwater Facility Inspection Report Form were corrected on _____ (date).
☐	☐	Other: (Use the lines below to make your comments)

_____

_____

_____

I have personally examined and am familiar with the information submitted and believe the information is true, accurate and complete. I am authorized to file this certification for the facility. I am aware that there are significant penalties for submitting false information and/or for non-compliance with the violations noted, including the possibility of fines and imprisonment.

Name: Ken Stadelhofer Title: PRESIDENT

Signature: Ken Stadelhofer Date signed: 10/22/12

Failure to submit this Certification within the time specified on the Hazardous Materials Inspection and Violation Report and the Stormwater Facility Inspection Report Form may result in a re-inspection of the facility to be charged at an hourly rate and fines up to $25,000 per day of non-compliance (HSC Sections 25188 & 25514 and BMC Section 17.20.160).

CID#04784

Department of Planning and Development
TOXICS MANAGEMENT DIVISION
A Certified Unified Program Agency

CLOSURE APPLICATION FOR HAZARDOUS MATERIALS STORAGE FACILITIES

Please complete and submit this form no less than 45 days prior to the start of closure activities of any aboveground hazardous materials storage area or facility. Based on the information submitted below, and the complexity of the closure, a written Closure Plan may be required (see guidelines).

1. Facility Information: *(Note: Print or type all information.)*

Facility Name: ALL REPAIR MACHINE SHOP Facility Phone: (_____) _____

Site Address: 2221 4TH STREET

City: BERKELEY State: CA Zip: 94710

Contact Name: TIM SEAGREN Contact Phone: (209) 832-2767

Forwarding Address: 380 ENTERPRISE PLACE

City: TRACY State: CA Zip: 95304 Phone No.: (209) 832-2767

Property Owner Name: HERST FAMILY PARTNERSHIP

Property Owner Mailing Address: 2047 4TH STREET
If different from site address

City: BERKELEY State: CA Zip: 9470[illegible] Phone No.: (_____) _____

2. Closure Information:

☒ Full Facility Closure ☐ Partial Facility Closure/Remodel Proposed Date of Closure: __/__/__.

Briefly describe the proposed closure activity. Indicate the previous use(s) of the area(s) intended to be closed and the types of chemicals used or stored in the area(s) (i.e. by submitting a copy of the Inventory Statements from your Hazardous Materials Business Plan, etc.). Include equipment, tanks, piping, exhaust and treatment systems, all subsurface hazardous material containment such as sumps, baths, etc., and the proposed final disposition of any hazardous materials and/or wastes. Attach additional pages if necessary.

MOVING COMPLETELY OUT OF BUILDING & YARD TO NEW LOCATION

I hereby certify, under penalty of perjury, that the information contained in this Closure Application is, to the best of my knowledge, true and correct.

Applicant/Agent's Name *(Print)*: TIM SEAGREN Title: GENERAL MANAGER

Signature of Applicant/Agent: Tim Seagren Date: 1/28/13

2118 Milvia Street, 3rd Floor, Berkeley, California 94704 TEL: (510) 981-7460 TDD: (510) 981-7474 FAX: (510) 981-7470

Agency Use Only

Application: ☑ approved ☐ disapproved	Closure Plan: ☐ required ☑ not required	Inspection: ☑ required ☐ not required
Fee: $ _____	Receipt No.: _____	Date: ___/___/___.
Comments: _____		
Staff: MJ Dean		Date: 1/30/13.

CID# 64784
No outstanding balance as of date of closure.

ARMS PUMPS
ALL REPAIR MACHINE SHOP

380 Enterprise Place
Tracy, CA 95304
Phone: 209-832-2767
Fax: 209-832-2771
E-mail: armspumps@aol.com

Meridith Lear
City of Berkeley
Toxics Management Division
2118 Milvia St.
Berkeley, CA 94704
Fax 510-981-7470

January 29, 2013

Dear Meridith,

Karl e-mailed a form he said you would want back before we meet tomorrow. If you need anything else please contact me.

Thanks,

Tim Seagren

Tim Seagren

Hi melanie,
here's their closure plan.
I inactivated them in EC,
can you please inactivate them everywhere else?
Meredith

1/10

Department of Planning and Development
TOXICS MANAGEMENT DIVISION
A Certified Unified Program Agency (CUPA)
2118 Milvia Street, Suite 300, Berkeley, California 94704
TEL: (510) 981-7460 ● TDD: (510) 981-6903 ● FAX: (510) 981-7470

For Dept Use Only
Entered: 3/26/13
by: MEL
Scanned by: _____

HAZARDOUS MATERIALS INSPECTION AND VIOLATION REPORT

Date: 1/30/13 Time: 16:00 Page: 1 of 1

Facility Name: ARMS

Address: 2221 Fourth St Phone: (209)832-8767

Owner/Operator Name: Vicki Stadelhofer

Facility Representative(s): Tim Seagren

Permitted CUPA Activities: ☑HMBP ☑HW (☐LQG ☐SQG ☐CESQG) ☐UW ☐TP (TIER: _____) ☐UST ☐APSA ☐CalARP
Inspections Conducted: ☑HMBP ☑HW (☐RCRA LQG) ☐UW ☐TP (TIER: _____) ☐UST ☐APSA ☐CalARP ☐SW
Unannounced: ☐ Yes ☑ No
Purpose of Inspection: ☐Routine ☐Follow-up Inspection ☐RTC QA ☐Closure ☐Permit Screen ☐Other Closure
Consent Granted for: ☑Inspection ☐Photos (include log) ☐Samples; Consent Granted By: _____

SUMMARY OF VIOLATIONS, CORRECTIVE ACTIONS, FINDINGS:

Class (M, II, I)	Violation Code/ Observation and PE	Citation, Description, Corrective Action Required, and/or Observation
	OBS	Toxics Management Division conducted a closure inspection. Closure plan was approved. All hazardous materials have been moved off site, company is now in Tracy.
		TMD approves the closure.

Note: The facility is subject to re-inspection at any time (re-inspection fees may apply).

☐ CUPA violations cited on page(s) _____ shall be corrected within ____ days.
☐ SW violations cited shall be corrected within____ days or before the next rain event.
☐ Submit Certification of Return to Compliance form within 30 days.

Facility Representative Signature: Tim Seagren Title: GENERAL MANAGER
Inspector's Signature: Meridith Lear Inspector's Name: M Dean

Mailed 3/13/09 Seagren

City of Berkeley, Toxics Management Division
2118 Milvia Street, Suite 300
Berkeley, CA 94704
(510) 981-7460 FAX (510) 981-7470

Hazardous Materials Business Plan (HMBP) Certification Statement

For Dept Use Only – Log In/Date Stamp

RECEIVED
JUN 12 2009
TOXICS MGMT. DIVISION

I. IDENTIFICATION

FACILITY ID # (1) (3)

BUSINESS NAME (Same as Facility Name or DBA-Doing Business As) (103): ALL REPAIR MACHINE SHOP

BUSINESS SITE ADDRESS (104): 2221 4TH STREET

CITY: BERKELEY, | CA | ZIP CODE (105): 94710

II. CERTIFICATION STATEMENT

Check the appropriate boxes below and sign the certification statement.

☐ INITIAL SUBMITTAL: This new HMBP is being submitted for the following:
- ☐ New facility
- ☐ Change of ownership
- ☐ Change of business address

☑ ANNUAL CERTIFICATION: I have personally reviewed the HMBP currently on file with your agency, dated _____, and hereby certify, *under penalty of perjury,* that:
- The information contained in the most recent HMBP submission is complete, accurate and up to date.
- A copy of the facility's most current Business Owner/Operator Identification page is being submitted with this certification form.
- The facility has not begun handling any hazardous materials/hazardous wastes that are not currently listed on the most recently submitted Hazardous Materials Inventory forms.
- There have been no significant changes (100% increase or decrease) in the quantities of any previously reported hazardous materials/hazardous wastes as reported on the most recently submitted Hazardous Materials Inventory forms.
- The facility's annual waste amounts reported on the most recently submitted Hazardous Materials Inventory forms are accurate and expected to be the same in the next year.
- This certification is <u>not</u> being made to meet annual inventory submission requirements of EPCRA. (EPCRA requires complete annual submission of the inventory, United States Code Title 42, Section 11022).

☐ CERTIFICATION OF CHANGES/REVISIONS: This is to certify that the HMBP has been reviewed and revisions, amendments and/or additions are necessary and are being submitted with this document. The following areas of the HBMP are affected:
- ☐ Entire HMBP revision
- ☐ Business Activities page
- ☐ Business Owner/Operator Identification page
- ☐ Hazardous Materials Inventory
- ☐ Facility Site Plan/Storage Map(s)
- ☐ Emergency Response Plan/Contingency Plan
- ☐ Other (Specify): _____

I hereby certify, under penalty of perjury, that the information contained in this Hazardous Materials Business Plan is, to the best of my knowledge, true and correct. I understand that I will be required to show proof of compliance during any facility inspection conducted by City, County, State, or Federal authorities. I understand that whenever there are changes in address, ownership, business name, or operations (closure, addition of undisclosed hazardous materials or hazardous wastes, and/or contingency planning provisions), a notification of such must be made to Toxics Management Division within 30 days of the change.

SIGNATURE OF ~~OWNER/OPERATOR~~ OR DESIGNATED REPRESENTATIVE	DATE
Jim Seagren	2/13/9
NAME OF SIGNER (print)	TITLE OF SIGNER
TIM SEAGREN	GENERAL MANAGER

Agency Use Only
- ☑ HMBP accepted as submitted
- ☐ HMBP requires revisions – Letter sent

HMBP ACCEPTED: 6/18/09 BY: _____

City of Berkeley, Toxics Management Division

UNIFIED PROGRAM CONSOLIDATED FORM -- FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

Page ___ of ___

I. IDENTIFICATION

FACILITY ID#	1	BEGINNING DATE 100	ENDING DATE 101
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	ALL REPAIR MACHINE SHOP	BUSINESS PHONE 102	510-843-2767
BUSINESS SITE ADDRESS 103	2221 4TH STREET		
CITY 104	BERKELEY	CA	ZIP CODE 105 94710
DUN & BRADSTREET 106	18-965-6572	SIC CODE (4 digit #) 107	3541
COUNTY 108	ALAMEDA		
BUSINESS OPERATOR NAME 109	EUGENE STADELHOFER	BUSINESS OPERATOR PHONE 110	510-843-2767

II. BUSINESS OWNER

OWNER NAME 111	EUGENE STADELHOFER	OWNER PHONE 112	510-843-2767
OWNER MAILING ADDRESS 113	2221 4TH STREET		
CITY 114	BERKELEY	STATE 115 CA	ZIP CODE 116 94710

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	TIM SEAGREN	CONTACT PHONE 118	510-843-2767
CONTACT MAILING ADDRESS 119	2221 4TH STREET		
CITY 120	BERKELEY	STATE 121 CA	ZIP CODE 122 94710

IV. EMERGENCY CONTACTS

-PRIMARY-		-SECONDARY-	
NAME 123	TIM SEAGREN	NAME 128	EUGENE STADELHOFER
TITLE 124	GENERAL MANAGER	TITLE 129	PRESIDENT
BUSINESS PHONE 125	510-843-2767	BUSINESS PHONE 130	510-843-2767
24-HOUR PHONE 126	AFTER HOURS 510-523-3227 (HOME)	24-HOUR PHONE 131	AFTER HOURS 925-837-7638 (HOME)
PAGER # 127	—	PAGER # 132	

ADDITIONAL LOCALLY COLLECTED INFORMATION:

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	Tim Seagren	DATE 134	2-13-09
NAME OF DOCUMENT PREPARER 135	TIM SEAGREN		
NAME OF SIGNER (print) 136	TIM SEAGREN	TITLE OF SIGNER 137	GENERAL MANAGER

RECEIVED
For Dept Use Only – Log In/Date Stamp
MAR 30 2011
TOXICS MGMT. DIVISION

City of Berkeley, Toxics Management Division
2118 Milvia Street, Suite 300
Berkeley, CA 94704
(510) 981-7460 FAX (510) 981-7470

Hazardous Materials Business Plan (HMBP) Certification Statement

I. IDENTIFICATION

BUSINESS NAME (Same as Facility Name or DBA-Doing Business As)
ALL REPAIR MACHINE SHOP

BUSINESS SITE ADDRESS
2221 4TH STREET

CITY: BERKELEY | CA | ZIP CODE: 94710

II. CERTIFICATION STATEMENT

Check the appropriate boxes below and sign the certification statement.

I hereby certify, under penalty of perjury, that the information contained in this Hazardous Materials Business Plan is, to the best of my knowledge, true and correct. I understand that I will be required to show proof of compliance during any facility inspection conducted by City, County, State, or Federal authorities. I understand that whenever there are changes in address, ownership, business name, or operations (closure, addition of undisclosed hazardous materials or hazardous wastes, and/or contingency planning provisions), a notification of such must be made to Toxics Management Division within 30 days of the change.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE
Tim Seagren	3/23/11
NAME OF SIGNER (print): TIM SEAGREN	TITLE OF SIGNER: GENERAL MANAGER
EMAIL OF SIGNER OR ENVIRONMENTAL CONTACT: ARMSPUMPS@AOL.COM	

Agency Use Only

- ☑ HMBP accepted as submitted
- ☐ HMBP requires revisions – Letter sent

HMBP ACCEPTED: 5/4/11 BY: Andy

5/4/11 : Date Tech Review Completed
_____: Date Scanned
_____: Date Copied for BFD
_____: Date Data Entry Completed
_____: Date Filed

(Initial each line)

City of Berkeley, Toxics Management Division

UNIFIED PROGRAM CONSOLIDATED FORM – FACILITY INFORMATION

BUSINESS ACTIVITIES

I. FACILITY IDENTIFICATION

FACILITY ID # 1	EPA ID # (Hazardous Waste Only) 2	CAL000093212
BUSINESS NAME (Same as Facility Name or DBA-Doing Business As) 3	ALL REPAIR MACHINE SHOP	
BUSINESS SITE ADDRESS 103	2221 4TH STREET	
BUSINESS SITE CITY 104	BERKELEY	CA ZIP CODE 94710 105

II. ACTIVITIES DECLARATION

NOTE: If you check YES to any part of this list, please submit the Business Owner/Operator Identification page.

Does your facility…		If Yes, please complete these pages of the UPCF….
A. HAZARDOUS MATERIALS Have on site (for any purpose) at any one time, hazardous materials at or above 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (include liquids in ASTs and USTs); or the applicable Federal threshold quantity for an extremely hazardous substance specified in 40 CFR Part 355, Appendix A or B; or handle radiological materials in quantities for which an emergency plan is required pursuant to 10 CFR Parts 30, 40 or 70?	☑ YES ☐ NO 4	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
B. REGULATED SUBSTANCES Have Regulated Substances stored onsite in quantities greater than the threshold quantities established by the California Accidental Release Prevention Program (CalARP)?	☐ YES ☑ NO 4a	Coordinate with your local agency responsible for CalARP
C. UNDERGROUND STORAGE TANKS (USTs) Own or operate underground storage tanks?	☐ YES ☑ NO 5	UST FACILITY (Formerly SWRCB Form A) UST TANK (one page per tank) (Formerly Form B)
D. ABOVE GROUND PETROLEUM STORAGE Own or operate ASTs above these thresholds: Store greater than 1,320 gallons of petroleum products (new or used) in aboveground tanks or containers.	☐ YES ☑ NO 8	NO FORM REQUIRED TO CUPAs
E. HAZARDOUS WASTE		
1. Generate hazardous waste?	☑ YES ☐ NO 9	EPA ID NUMBER – provide at the top of this page
2. Recycle more than 100 kg/month of excluded or exempted recyclable materials (per HSC 25143.2)?	☐ YES ☑ NO 10	RECYCLABLE MATERIALS REPORT (one per recycler)
3. Treat hazardous waste on site?	☐ YES ☑ NO 11	ONSITE HAZARDOUS WASTE TREATMENT – FACILITY ONSITE HAZARDOUS WASTE TREATMENT – UNIT (one page per unit)
4. Treatment subject to financial assurance requirements (for Permit by Rule and Conditional Authorization)?	☐ YES ☑ NO 12	CERTIFICATION OF FINANCIAL ASSURANCE
5. Consolidate hazardous waste generated at a remote site?	☐ YES ☑ NO 13	REMOTE WASTE / CONSOLIDATION SITE ANNUAL NOTIFICATION
6. Need to report the closure/removal of a tank that was classified as hazardous waste and cleaned onsite?	☐ YES ☑ NO 14	HAZARDOUS WASTE TANK CLOSURE CERTIFICATION
Generate in any single calendar month 1,000 kilograms (kg) (2,200 pounds) or more of federal RCRA hazardous waste, or generate in any single calendar month, or accumulate at any time, 1 kg (2.2 pounds) of RCRA acute hazardous waste; or generate or accumulate at any time more than 100 kg (20 pounds) of spill cleanup materials contaminated with RCRA acute hazardous waste.	☐ YES ☑ NO 14a	Obtain federal EPA ID Number, file Biennial Report (EPA Form 8700-13A/B), and satisfy requirements for RCRA Large Quantity Generator.
Household Hazardous Waste (HHW) Collection site?	☐ YES ☑ NO 14b	See CUPA for required forms.
E. LOCAL REQUIREMENTS		
1. Use or store hazardous materials or hazardous wastes in combined (aggregate) quantities equal to or greater than 55 gallons for liquids, 500 pounds for solids or 200 cubic feet for compressed gases?	☑ YES ☐ NO 15	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731) OR SPREADSHEET
2. Use or store any quantity of etiological agents, radioactive materials or perchlorate materials?	☐ YES ☑ NO 15	HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION (OES 2731) OR SPREADSHEET
3. Below E.1. thresholds above, but generate any quantity of hazardous waste?	☐ YES ☑ NO 15	HAZARDOUS WASTE GENERATOR REPORTING PACKET
4. Generate any quantity of Universal Waste (mercury containing devices, non-empty aerosols, electronic devices, fluorescent tubes, batteries, dental amalgam wastes, etc.)?	☑ YES ☐ NO 15	SEE THE UNIVERSAL WASTE REPORTING REQUIREMENTS PAGE FOR INSTRUCTIONS
5. Treat any quantity of photochemical waste on-site (x-ray and photo imaging processors)?	☐ YES ☑ NO 15	

Business Activities

Please submit the Business Activities page, the Business Owner/Operator Identification page (OES Form 2730), and Hazardous Materials Inventory -Chemical Description pages (OES Form 2731) for all submissions. (Note: the numbering of the instructions follows the data element numbers that are on the UPCF pages. These data element numbers are used for electronic submission and are the same as the numbering used in 27 CCR, Appendix C, the Business Section of the Unified Program Data Dictionary.) Please number all pages of your submittal. This helps your CUPA or AA identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - Leave this blank. This number is assigned by the Certified Unified Program Agency (CUPA) or Administering Agency (AA). This is the unique number which identifies your facility.
2. EPA ID NUMBER - If you generate, recycle, or treat hazardous waste, enter your facility's 12-character U.S. Environmental Protection Agency (U.S. EPA) or California Identification number. For facilities in California, the number usually starts with the letters CA. If you do not have a number, contact the Department of Toxic Substances Control (DTSC) Telephone Information Center at (916) 324-1781, (800) - 61-TOXIC or (800) 61-86942, to obtain one.
3. BUSINESS NAME - Enter the full legal name of the business. This is the same as the terms Facility Name or DBA - Doing Business As that might have been used in the past.
4. HAZARDOUS MATERIALS ONSITE - Check the box to indicate whether you have a hazardous material onsite. You have a hazardous material onsite if:
   - Your total aggregate quantities of hazardous materials stored or handled at your facility equal or exceed 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases (calculated at standard temperature and pressure),
   - It is handled in quantities equal to or greater than the applicable federal threshold planning quantity for an extremely hazardous substance listed in 40 CFR Part 355, Appendix A,
   - You store or use any quantity of radioactive materials or etiological agents.

   If you have a hazardous material onsite, then you must complete the Business Owner/Operator Identification page (OES Form 2730) and the Hazardous Materials Inventory - Chemical Description page(s) (OES Form 2731), as well as an Emergency Response Plan.
5. OWN OR OPERATE UNDERGROUND STORAGE TANK (UST) - Check the appropriate box to indicate whether you own or operate USTs containing hazardous substances as defined in Health and Safety Code (HSC) Section 25316. If "YES", then you must complete one UST Facility page and UST Tank pages for each tank. You must also submit a plot plan and a monitoring program plan.
6. UPGRADE/INSTALL UST - Check the appropriate box to indicate whether you intend to install or upgrade USTs containing hazardous substances as defined in HSC Section 25316. If "YES", then you must complete the UST Installation - Certificate of Compliance page in addition to UST Facility and Tank pages, plot plan and monitoring program plan.
7. UST CLOSURE - Check the appropriate box if you are closing an UST and complete the closure portion of the UST Tank pages for each tank. (CUPAs may require additional information.)
8. OWN OR OPERATE ABOVEGROUND PETROLEUM STORAGE TANK (AST) - Check the appropriate box to indicate whether there are ASTs onsite which exceed the regulatory thresholds. (There is no UPCF page for ASTs.) This program applies to all facilities storing petroleum in aboveground tanks. Petroleum means crude oil, or any fraction thereof, which is liquid at 60 degrees Fahrenheit temperature and 14.7 pounds per square inch absolute pressure (HSC Section 25270.2 (g)). The facility must have a single tank greater than 1,320 gallons, or cumulative storage capacity greater than 1,320 gallons for all ASTs. NOT Subject to the Act (exemptions):
   An aboveground petroleum storage tank (AST) facility with one or more of the following (see HSC Section 25270.2 (k)) is not subject to this act and is exempt:
   - A pressure vessel or boiler which is subject to Division 5 of the Labor Code,
   - A storage tank containing hazardous waste if a hazardous waste facility permit has been issued for the storage tank by DTSC,
   - An aboveground oil production tank which is regulated by the Division of Oil and Gas,
   - Certain oil-filled electrical equipment including but not limited to transformers, circuit breakers, or capacitors.
9. HAZARDOUS WASTE GENERATOR - Check the appropriate box to indicate whether your facility generates hazardous waste. A generator is the person or business whose acts or processes produce a hazardous waste or who causes a hazardous substance or waste to become subject to State hazardous waste law. If your facility generates hazardous waste, you must obtain and use an EPA Identification number (ID) in order to properly transport and dispose of it. Report your EPA ID number in #2. Hazardous waste means a waste that meets any of the criteria for the identification of a hazardous waste adopted by DTSC pursuant to HSC Section 25141. "Hazardous waste" includes, but is not limited to, federally regulated hazardous waste. Federal hazardous waste law is known as the Resource Conservation and Recovery Act (RCRA). Unless explicitly stated otherwise, the term "hazardous waste" also includes extremely hazardous waste and acutely hazardous waste.
10. RECYCLE - Check the appropriate box to indicate whether your facility recycles more than 100 kilograms per month of recyclable material under a claim that the material is excluded or exempt per HSC Section 25143.2. Check "YES" and complete the Recyclable Materials Report pages, if you either recycled onsite or recycled excluded recyclable materials which were generated offsite. Check "NO" if you only send recyclable materials to an offsite recycler. You do not need to report.
11. ONSITE HAZARDOUS WASTE TREATMENT - Check the appropriate box to indicate whether your facility engages in onsite treatment of hazardous waste. "Treatment" means any method, technique, or process which is designed to change the physical, chemical, or biological character or composition of any hazardous waste or any material contained therein, or removes or reduces its harmful properties or characteristics for any purpose. "Treatment" does not include the removal of residues from manufacturing process equipment for the purposes of cleaning that equipment. Amendments (effective 1/1/99) add exemptions from the definition of treatment for certain processes under specific, limited conditions. Refer to HSC Section 25123.5 (b) for these specific exemptions. Treatment of certain laboratory hazardous wastes do not require authorization. Refer to HSC Section 25200.3.1 for specific information. Please contact your CUPA to determine if any exemptions apply to your facility. If your facility engages in onsite treatment of hazardous waste then complete the Onsite Hazardous Waste Treatment Notification - Facility page and one set of Onsite Hazardous Waste Treatment Notification - Unit pages with waste and treatment process information for each unit.
12. FINANCIAL ASSURANCE - Check the appropriate box to indicate whether your facility is subject to financial assurance requirements for closure of an onsite treatment unit. Unless they are exempt, Permit by Rule (PBR) and Conditionally Authorized (CA) operations are required to provide financial assurance for closure costs (per 22 CCR Section 67450.13 (b) and HSC Section 25245.4). If your facility is subject to financial assurance requirements or claiming an exemption, then complete the Certification of Financial Assurance page.
13. REMOTE WASTE CONSOLIDATION SITE - Check the appropriate box to indicate whether your facility consolidates hazardous waste generated at a remote site. Answer "YES" if you are a hazardous waste generator that collects hazardous waste initially at remote sites and subsequently transports the hazardous waste to a consolidation site you also operate. You must be eligible pursuant to the conditions in HSC Section 25110.10. If your facility consolidates hazardous waste generated at a remote site, then complete the Remote Waste Consolidation Site Annual Notification page.
14. HAZARDOUS WASTE TANK CLOSURE - Check the appropriate box to indicate whether the tank being closed would be classified as hazardous waste after its contents are removed. Classification could be based on:
   - Your knowledge of the tank and its contents
   - Testing of the tank
   - Inability to remove hazardous materials stored in the tank.
   - The mixture rule
   - The listed wastes in 40 CFR 261.31 or 40 CFR 261.32.

   If the tank being closed would be classified as hazardous waste after its contents are removed, then you must complete the Hazardous Waste Tank Closure Certification page.
15. LOCAL REQUIREMENTS - Some CUPAs or AAs may require additional information. Check with your CUPA before submitting the UPCF to determine if any supplemental information is required.

City of Berkeley, Toxics Management Division

UNIFIED PROGRAM CONSOLIDATED FORM - FACILITY INFORMATION

BUSINESS OWNER/OPERATOR IDENTIFICATION

I. IDENTIFICATION

FACILITY ID# 1		BEGINNING DATE 100	ENDING DATE 101
BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3	ALL REPAIR MACHINE SHOP	BUSINESS PHONE 102	570-843-2767
BUSINESS SITE ADDRESS 103	2221 4TH STREET	BUSINESS FAX 102a	570-843-3132
BUSINESS SITE CITY 104	BERKELEY	CA	ZIP CODE 105: 94710 / COUNTY 108
DUN & BRADSTREET 106	18-965-6572	PRIMARY SIC 107	PRIMARY NAICS 107a
BUSINESS MAILING ADDRESS 108a	2221 4TH STREET		
BUSINESS MAILING CITY 108b	BERKELEY	STATE 108c: CALIF.	ZIP CODE 108d: 94710
BUSINESS OPERATOR NAME 109		BUSINESS OPERATOR PHONE 110	

II. BUSINESS OWNER

OWNER NAME 111	EUGENE STADELHOFER	OWNER PHONE 112	570-843-2767
OWNER MAILING ADDRESS 113	2221 4TH STREET		
OWNER MAILING CITY 114	BERKELEY	STATE 115: CALIF	ZIP CODE 116: 94710

III. ENVIRONMENTAL CONTACT

CONTACT NAME 117	TIM SEAGREN	CONTACT PHONE 118	570-843-2767
CONTACT MAILING ADDRESS 119	2221 4TH STREET	CONTACT EMAIL 119a	ARMSPUMPS@AOL.COM
CONTACT MAILING CITY 120	BERKELEY	STATE 121: CALIF.	ZIP CODE 122: 94710

IV. EMERGENCY CONTACTS

-PRIMARY-		-SECONDARY-	
NAME 123	TIM SEAGREN	NAME 128	EUGENE STADELHOFER
TITLE 124	GENERAL MANAGER	TITLE 129	PRESIDENT
BUSINESS PHONE 125	570-843-2767	BUSINESS PHONE 130	570-843-2767
~~24 HOUR~~ PHONE 126	AFTER HOURS 510-523-3227 (HOME)	~~24 HOUR~~ PHONE 131	AFTER HOURS 925-837-7638 HOME
PAGER # 127	—	PAGER # 132	—

ADDITIONAL LOCALLY COLLECTED INFORMATION: 133

Certification: Based on my inquiry of those individuals responsible for obtaining the information, I certify under penalty of law that I have personally examined and am familiar with the information submitted and believe the information is true, accurate, and complete.

SIGNATURE OF OWNER/OPERATOR OR DESIGNATED REPRESENTATIVE	DATE 134: 3/23/11	NAME OF DOCUMENT PREPARER 135: TIM SEAGREN
NAME OF SIGNER (print) 136: TIM SEAGREN	TITLE OF SIGNER 137: GENERAL MANAGER	

Business Owner/Operator Identification

Please submit the Business Activities page, the Business Owner/Operator Identification page, and Hazardous Materials Inventory - Chemical Description pages for all hazardous materials inventory submissions. For the inventory to be considered complete this page must be signed by the appropriate individual. (Note: the numbering of the instructions follows the data element numbers that are on the Unified Program Consolidated Form (UPCF) pages. These data element numbers are used for electronic submission and are the same as the numbering used in Division 3, Electronic Submittal of Information.) Please number all pages of your submittal. This helps Unified Program Agency (UPA) identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER – Leave this blank. This number is assigned by the UPA. This is the unique number which identifies your facility.
3. BUSINESS NAME - Enter the doing business as name.
100. BEGINNING DATE - Enter the beginning year and date of the report. (YYYYMMDD)
101. ENDING DATE - Enter the ending year and date of the report. (YYYYMMDD)
102. BUSINESS PHONE - Enter the phone number, area code first, and any extension.
102a. BUSINESS FAX – Enter the business fax number, area code first.
103. BUSINESS SITE ADDRESS - Enter the street address where the facility is located. No post office box numbers are allowed. This information must provide a means to geographically locate the facility.
104. BUSINESS SITE CITY - Enter the city or unincorporated area in which business site is located.
105. ZIP CODE - Enter the zip code of business site. The extra 4 digit zip may also be added.
106. DUN & BRADSTREET – If subject to EPCRA, enter the Dun & Bradstreet number for the facility. The Dun & Bradstreet number may be obtained by calling (610) 882-7748 or on the web at www.dnb.com.
107. SIC NUMBER - Enter the primary Standard Industrial Classification System Number. Required for EPCRA.
107a. NAICS NUMBER - Enter the primary North American Industrial Classification System Number.
108. COUNTY - Enter the county in which the business site is located.
108a. BUSINESS MAILING ADDRESS – Enter the mailing address to be used for all official business correspondence. This mailing address must be filled in.
108b. BUSINESS MAILING CITY - Enter the name of the city for the business mailing address.
108c. STATE - Enter the two character abbreviation of the state for the business mailing address.
108d. ZIP CODE - Enter the zip code for the business mailing address. The extra 4 digit zip may also be added.
109. BUSINESS OPERATOR NAME - Enter the name of the business operator.
110. BUSINESS OPERATOR PHONE - Enter business operator phone number, if different from business phone, area code first, and any extension.
111. BUSINESS OWNER NAME - Enter name of business owner, if different from business operator.
112. BUSINESS OWNER PHONE - Enter the business owner's phone number if different from business phone, area code first, and any extension.
113. BUSINESS OWNER MAILING ADDRESS - Enter the owner's mailing address, if different from business mailing address.
114. BUSINESS OWNER CITY - Enter the name of the city for the owner's mailing address, if different from business mailing address.
115. BUSINESS OWNER STATE - Enter the 2 character state abbreviation for the owner's mailing address, if different from business mailing address.
116. BUSINESS OWNER ZIP CODE - Enter the zip code for the owner's address, if different from business mailing address. The extra 4 digit zip may also be added.
117. ENVIRONMENTAL CONTACT NAME - Enter the name of the person, who receives all environmental correspondence.
118. CONTACT PHONE - Enter the phone number, if different from Owner or Operator, for the environmental contact, area code first, and any extension.
119. CONTACT MAILING ADDRESS - Enter the mailing address where all environmental contact correspondence should be sent.
119a CONTACT EMAIL – Enter the email address of the environmental contact in 117, if the contact has one.
120. CONTACT MAILING CITY - Enter the name of the city for the environmental contact's mailing address.
121. STATE - Enter the 2 character state abbreviation for the environmental contact's mailing address.
122. ZIP CODE - Enter the zip code for the environmental contact's mailing address. The extra 4 digit zip may also be added.
123. PRIMARY EMERGENCY CONTACT NAME - Enter the name of a representative to be contacted in case there is an emergency involving hazardous materials at the business site. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
124. TITLE - Enter the title of the primary emergency contact.
125. BUSINESS PHONE - Enter the business number for the primary emergency contact, area code first, and any extensions.
126. 24-HOUR PHONE - Enter a 24-hour phone number for the primary emergency contact. The 24-hour phone number must be one which is answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
127. PAGER NUMBER - Enter the pager number for the primary emergency contact, if available.
128. SECONDARY EMERGENCY CONTACT NAME - Enter the name of a secondary representative that can be contacted in the event that the primary emergency contact is not available. The contact shall have FULL facility access, site familiarity, and authority to make decisions for the business regarding incident mitigation.
129. TITLE - Enter the title of the secondary emergency contact.
130. BUSINESS PHONE - Enter the business telephone number for the secondary emergency contact, area code first, and any extension.
131. 24-HOUR PHONE - Enter a 24-hour phone number for the secondary emergency contact. The 24 hour phone number must be one which is answered 24 hours a day. If it is not the contact's home phone number, then the service answering the phone must be able to immediately contact the individual stated above.
132. PAGER NUMBER - Enter the pager number for the secondary emergency contact, if available.
133. ADDITIONAL LOCALLY COLLECTED INFORMATION - This space may be used for UPA to collect any additional information necessary to meet the requirements of their individual programs. Contact UPA for guidance.
134. DATE - Enter the date that the document was signed. (YYYYMMDD)
135. NAME OF DOCUMENT PREPARER - Enter the full name of the person who prepared the inventory submittal information.
136. NAME OF SIGNER - Enter the full printed name of the person signing the page. The signer certifies to a familiarity with the information submitted and that based on the signer's inquiry of those individuals responsible for obtaining the information, all the information submitted is true, accurate and complete.

    SIGNATURE OF OWNER/ OPERATOR OR DESIGNATED REPRESENTATIVE - The Business Owner/Operator, or officially designated representative of the Owner/Operator, shall sign in the space provided. This signature certifies that the signer is familiar with the information submitted and that based on the signer's inquiry of those individuals responsible for obtaining the information it is the signer's belief that the submitted information is true, accurate and complete.
137. TITLE OF SIGNER - Enter the title of the person signing the page.

Hazardous Waste Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: | Business Address: | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location	205, 207 Waste Stream Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily / 222 Days on site	Largest Container / 223 Storage Container	219 Annual Waste Amount / 220 State Waste Code	221 Units	216 SARA Class	224, 225 Pressure & Temp
2H	USED MOTOR OIL	☐ Same as first column PETROLEUM	---	☐ Yes ☒ No	CL	☐ solid ☒ liquid ☐ gas ☒ waste ☐ radioactive	24	12 ☒ 365	24	24 5D	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column	---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas ☒ waste ☐ radioactive		☐ 365			☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column	---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas ☒ waste ☐ radioactive		☐ 365			☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column	---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas ☒ waste ☐ radioactive		☐ 365			☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

DRAFT

210 Hazard Classes: **CAR** – Carcinogens; **CL** – Combustible Liquid ; **COR** – Corrosive; **CRY** – Cryogenic; **EX** – Explosive; **FG** – Flammable Gas; **FL** – Flammable Liquid; **FS** – Flammable Solid; **HT** – Highly Toxic; **IRR** – Irritant; **MISC** – Miscellaneous Hazardous Materials; **NFG** – Nonflammable Gas; **OP** – Organic Peroxide; **OX** – Oxydizer; **PYRO** – Pyrophoric; **SENS** – Sensitizer; **TX** – Toxic; **UR** – Unstable/Reactive; **WR** – Water Reactive

223 Storage Container Codes: **AGT** – Above Ground Tank; **B** – Bag; **BX** – Box; **C** – Can; **CB** – Carboy; **CYL** – Cylinder; **FD** – Fiber Drum; **GB** – Glass Bottle; **PB** – Plastic Bottle; **PD** – Plastic/Nonmetallic Drum; **SD** – Steel Drum; **S** – Silo; **RC** – Rail Car; **TB** – Tote Bin; **TW** – Tank Wagon; **UST** – Underground Tank; **O** – Other

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: | Business Address: | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily / Average Daily / Largest Container	222 Days on site	223 Storage Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
2H	COOLANT CUTTING OIL	☐ Same as first column G-C SUF-O-CUT #300	---	☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	5 / 2½ / 5	☒ 365	PD	☐ lbs ☑ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
2H	SHELL GREASE	☐ Same as first column ALVANIA GREASE EP2	---	☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	5 / 2½ / 5	☒ 365	PD	☐ lbs ☑ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
2H	ERGON ELECTRICAL INSULATION OIL	☐ Same as first column ERGON HY VOLT II TRANSFORMER OIL	---	☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	5 / 2½ / 5	☒ 365	PD	☐ lbs ☑ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
2H	SHELL HYDRAULIC OIL	☐ Same as first column TELLUS OIL 46	---	☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	5 / 2½ / 5	☒ 365	PD	☐ lbs ☑ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

210 Hazard Classes: CAR – Carcinogens; CL – Combustible Liquid ; COR – Corrosive; CRY – Cryogenic; EX – Explosive; FG – Flammable Gas; FL – Flammable Liquid; FS – Flammable Solid; HT – Highly Toxic; IRR – Irritant; MISC – Miscellaneous Hazardous Materials; NFG – Nonflammable Gas; OP – Organic Peroxide; OX – Oxydizer; PYRO – Pyrophoric; SENS – Sensitizer; TX – Toxic; UR – Unstable/Reactive; WR – Water Reactive

223 Storage Container Codes: AGT – Above Ground Tank; B – Bag; BX – Box; C – Can; CB – Carboy; CYL – Cylinder; FD – Fiber Drum; GB – Glass Bottle; PB – Plastic Bottle; PD – Plastic/Nonmetallic Drum; SD – Steel Drum; S – Silo; RC – Rail Car; TB – Tote Bin; TW – Tank Wagon; UST – Underground Tank; O – Other

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: | Business Address: | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily	Largest Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
24	TEXACO OIL	☐ Same as first column REGAL OIL R #046		☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	5	2½	5	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☒ 365	223 Storage Container PD			
24	LOCTITE	☐ Same as first column 568 SEALANT		☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	8.45	4.23	8.45	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☒ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☒ 365	223 Storage Container PB	02		
24	LOCTITE	☐ Same as first column 620		☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	1.45	.7	1.45	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☒ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☒ 365	223 Storage Container PB	02		
24	LOCTITE	☐ Same as first column 609		☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	.34	.17	.34	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☒ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☒ 365	223 Storage Container PB	02		

210 Hazard Classes: CAR – Carcinogens; CL – Combustible Liquid ; COR – Corrosive; CRY – Cryogenic; EX – Explosive; FG – Flammable Gas; FL – Flammable Liquid; FS – Flammable Solid; HT – Highly Toxic; IRR – Irritant; MISC – Miscellaneous Hazardous Materials; NFG – Nonflammable Gas; OP – Organic Peroxide; OX – Oxydizer; PYRO – Pyrophoric; SENS – Sensitizer; TX – Toxic; UR – Unstable/Reactive; WR – Water Reactive

223 Storage Container Codes: AGT – Above Ground Tank; B – Bag; BX – Box; C – Can; CB – Carboy; CYL – Cylinder; FD – Fiber Drum; GB – Glass Bottle; PB – Plastic Bottle; PD – Plastic/Nonmetallic Drum; SD – Steel Drum; S – Silo; RC – Rail Car; TB – Tote Bin; TW – Tank Wagon; UST – Underground Tank; O – Other

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: | Business Address: | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily / Average Daily / Largest Container; 222 Days on site; 223 Storage Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
2F	KEROSENE	☐ Same as first column	---	☐ Yes ☒ No	CL	☐ solid ☒ liquid ☐ gas; ☒ pure ☐ mixture; ☐ radioactive	1 / .5 / 1; 222 Days on site: ☒ 365; 223 Storage Container: PD	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	Pressure: ☒ Ambient ☐ > Amb. ☐ < Amb.; Temp: ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
2F	PROPANE	☐ Same as first column	---	☐ Yes ☒ No	FG	☐ solid ☐ liquid ☒ gas; ☒ pure ☐ mixture; ☐ radioactive	20 / 20 / 10; 222 Days on site: ☒ 365; 223 Storage Container: CYL	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☒ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	Pressure: ☒ Ambient ☐ > Amb. ☐ < Amb.; Temp: ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
3H	PRIMER PAINT SPRAY	☐ Same as first column RUST-OLEUM	---	☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas; ☐ pure ☐ mixture; ☐ radioactive	36 / 18 / 12 oz; 222 Days on site: ☒ 365; 223 Storage Container: SPRAY CAN	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☒ other 12 oz SPRAY CAN	☐ Fire ☒ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	Pressure: ☒ Ambient ☐ > Amb. ☐ < Amb.; Temp: ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
3H	PAINT SPRAY	☐ Same as first column RUST-OLEUM	---	☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas; ☐ pure ☐ mixture; ☐ radioactive	36 / 18 / 12 oz; 222 Days on site: ☒ 365; 223 Storage Container: SPRAY CAN	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☒ other 12 oz SPRAY CAN	☐ Fire ☒ Pressure ☐ Reactive; Health: ☐ Acute ☐ Delayed	Pressure: ☒ Ambient ☐ > Amb. ☐ < Amb.; Temp: ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

210 Hazard Classes: CAR – Carcinogens; CL – Combustible Liquid ; COR – Corrosive; CRY – Cryogenic; EX – Explosive; FG – Flammable Gas; FL – Flammable Liquid; FS – Flammable Solid; HT – Highly Toxic; IRR – Irritant; MISC – Miscellaneous Hazardous Materials; NFG – Nonflammable Gas; OP – Organic Peroxide; OX – Oxydizer; PYRO – Pyrophoric; SENS – Sensitizer; TX – Toxic; UR – Unstable/Reactive; WR – Water Reactive

223 Storage Container Codes: AGT – Above Ground Tank; B – Bag; BX – Box; C – Can; CB – Carboy; CYL – Cylinder; FD – Fiber Drum; GB – Glass Bottle; PB – Plastic Bottle; PD – Plastic/Nonmetallic Drum; SD – Steel Drum; S – Silo; RC – Rail Car; TB – Tote Bin; TW – Tank Wagon; UST – Underground Tank; O – Other

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: | Business Address: | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily	Largest Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
4D	MOTOR-OIL SAE 10-40	☐ Same as first column; PETROLEUM		☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	5	2½	1	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☒ other QT	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☒ 365	223 Storage Container C	PB		
2F	GASOLINE	☐ Same as first column		☐ Yes ☒ No	CL	☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	5	2½	5	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☐ 365	223 Storage Container			
3H	OXYGEN	☐ Same as first column		☐ Yes ☒ No		☐ solid ☐ liquid ☒ gas ☒ pure ☐ mixture ☐ radioactive	251+ 251 FT³	251 FT³	251 FT³	☐ lbs ☐ gal ☒ cu. ft. ☐ µ curie ☐ other	☐ Fire ☒ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☒ 365	223 Storage Container CYL			
4H	ACETYLENE	☐ Same as first column		☐ Yes ☒ No		☐ solid ☐ liquid ☒ gas ☒ pure ☐ mixture ☐ radioactive	398 FT³	398 FT³	398 FT³	☐ lbs ☐ gal ☒ cu. ft. ☐ µ curie ☐ other	☒ Fire ☒ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
								222 Days on site ☒ 365	223 Storage Container CYL			

210 Hazard Classes: CAR – Carcinogens; CL – Combustible Liquid ; COR – Corrosive; CRY – Cryogenic; EX – Explosive; FG – Flammable Gas; FL – Flammable Liquid; FS – Flammable Solid; HT – Highly Toxic; IRR – Irritant; MISC – Miscellaneous Hazardous Materials; NFG – Nonflammable Gas; OP – Organic Peroxide; OX – Oxydizer; PYRO – Pyrophoric; SENS – Sensitizer; TX – Toxic; UR – Unstable/Reactive; WR – Water Reactive

223 Storage Container Codes: AGT – Above Ground Tank; B – Bag; BX – Box; C – Can; CB – Carboy; CYL – Cylinder; FD – Fiber Drum; GB – Glass Bottle; PB – Plastic Bottle; PD – Plastic/Nonmetallic Drum; SD – Steel Drum; S – Silo; RC – Rail Car; TB – Tote Bin; TW – Tank Wagon; UST – Underground Tank; O – Other

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: | Business Address: | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily / Average Daily / Largest Container	222 Days on site	223 Storage Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
4H	ARGON	☐ Same as first column		☐ Yes ☒ No		☐ solid ☐ liquid ☒ gas ☐ pure ☐ mixture ☐ radioactive	325 FT3 / 325 FT3 / 325 FT3	☒ 365	CYL	☐ lbs ☐ gal ☒ cu. ft. ☐ µ curie ☐ other	☐ Fire ☒ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
3H	ACETONE	☐ Same as first column		☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☒ pure ☐ mixture ☐ radioactive	1 / 1/2 / 1	☒ 365	C	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
2H	SAFETY KLEEN WASH TANK	☐ Same as first column AQUEOUS WATER DETERGENT		☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas ☐ pure ☐ mixture ☐ radioactive	24 / 24 / 24	☒ 365	SD	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
2F	DIESEL FUEL	☐ Same as first column		☐ Yes ☒ No	CL	☐ solid ☐ liquid ☐ gas ☐ pure ☐ mixture ☐ radioactive	2 / 1 / 2	☐ 365	C	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

210 Hazard Classes: CAR – Carcinogens; CL – Combustible Liquid ; COR – Corrosive; CRY – Cryogenic; EX – Explosive; FG – Flammable Gas; FL – Flammable Liquid; FS – Flammable Solid; HT – Highly Toxic; IRR – Irritant; MISC – Miscellaneous Hazardous Materials; NFG – Nonflammable Gas; OP – Organic Peroxide; OX – Oxydizer; PYRO – Pyrophoric; SENS – Sensitizer; TX – Toxic; UR – Unstable/Reactive; WR – Water Reactive

223 Storage Container Codes: AGT – Above Ground Tank; B – Bag; BX – Box; C – Can; CB – Carboy; CYL – Cylinder; FD – Fiber Drum; GB – Glass Bottle; PB – Plastic Bottle; PD – Plastic/Nonmetallic Drum; SD – Steel Drum; S – Silo; RC – Rail Car; TB – Tote Bin; TW – Tank Wagon; UST – Underground Tank; O – Other

Non-Waste Hazardous Materials Inventory Spreadsheet

206 TRADE SECRET ☐ Yes ☐ No | 202 CHEMICAL LOCATION CONFIDENTIAL ☐ Yes ☐ No | If EPCRA, please sign here:

3 Business Name: | Business Address: | 200 Add ☐ Revise ☐ Delete ☐

201, 203, 204 Storage Location, Map #	205, 207 Chemical & Common Name	226, 227 Chemical Names of Hazardous Components and % Weight	209, 229 CAS # for each component	208, 228 EHS	210 Hazard Classes (code below)	214, 211, 212 Physical State and Type	218, 217, 215 Quantity Stored: Max Daily	Average Daily	Largest Container	221 Units	216 SARA Class	224, 225 Pressure & Temp
2H	KEYSTONE GREASE	☐ Same as first column -------- WATER PUMP GREASE -------- --------	--- --- --- ---	☐ Yes ☒ No		☐ solid ☒ liquid ☐ gas --- ☒ pure ☐ mixture --- ☐ radioactive	5	2 1/2 222 Days on site ☒ 365	5 223 Storage Container	☐ lbs ☒ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☒ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☒ Ambient ☐ > Amb. ☐ < Amb. Temp ☒ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column -------- -------- -------- --------	--- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas --- ☐ pure ☐ mixture --- ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column -------- -------- -------- --------	--- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas --- ☐ pure ☐ mixture --- ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic
		☐ Same as first column -------- -------- -------- --------	--- --- --- ---	☐ Yes ☐ No		☐ solid ☐ liquid ☐ gas --- ☐ pure ☐ mixture --- ☐ radioactive		222 Days on site ☐ 365	223 Storage Container	☐ lbs ☐ gal ☐ cu. ft. ☐ µ curie ☐ other ______	☐ Fire ☐ Pressure ☐ Reactive Health: ☐ Acute ☐ Delayed	Pressure ☐ Ambient ☐ > Amb. ☐ < Amb. Temp ☐ Ambient ☐ > Amb. ☐ < Amb. ☐ Cryogenic

210 Hazard Classes: **CAR** – Carcinogens; **CL** – Combustible Liquid ; **COR** – Corrosive; **CRY** – Cryogenic; **EX** – Explosive; **FG** – Flammable Gas; **FL** – Flammable Liquid; **FS** – Flammable Solid; **HT** – Highly Toxic; **IRR** – Irritant; **MISC** – Miscellaneous Hazardous Materials; **NFG** – Nonflammable Gas; **OP** – Organic Peroxide; **OX** – Oxydizer; **PYRO** – Pyrophoric; **SENS** – Sensitizer; **TX** – Toxic; **UR** – Unstable/Reactive; **WR** – Water Reactive

223 Storage Container Codes: **AGT** – Above Ground Tank; **B** – Bag; **BX** – Box; **C** – Can; **CB** – Carboy; **CYL** – Cylinder; **FD** – Fiber Drum; **GB** – Glass Bottle; **PB** – Plastic Bottle; **PD** – Plastic/Nonmetallic Drum; **SD** – Steel Drum; **S** – Silo; **RC** – Rail Car; **TB** – Tote Bin; **TW** – Tank Wagon; **UST** – Underground Tank; **O** – Other

CITY OF BERKELEY, TOXICS MANAGEMENT DIVISION
HAZARDOUS MATERIALS UNIFIED PROGRAM CONSOLIDATED FORM
HAZARDOUS MATERIALS INVENTORY – CHEMICAL DESCRIPTION
(one page per material per building or area)

☐ ADD ☐ DELETE ☐ REVISE 200 Page ___ of ___

I. FACILITY INFORMATION

BUSINESS NAME (Same as FACILITY NAME or DBA – Doing Business As) 3
ALL REPAIR MACHINE SHOP

CHEMICAL LOCATION 201
2224 4TH ST. BERKELEY, CALIF

CHEMICAL LOCATION CONFIDENTIAL EPCRA 202
☐ YES ☒ NO

FACILITY ID # 1

MAP# (optional) 203
1-A

GRID# (optional) 204
2-A

II. CHEMICAL INFORMATION

CHEMICAL NAME 205
OIL & GREASE

TRADE SECRET ☐ Yes ☒ No 206
If Subject to EPCRA, refer to instructions

COMMON NAME 207

EHS* ☐ Yes ☐ No 208

CAS# 209

*If EHS is "Yes", all amounts below must be in lbs.

FIRE CODE HAZARD CLASSES (Complete if required by CUPA) 210

HAZARDOUS MATERIAL TYPE (Check one item only) 211
☐ a. PURE ☐ b. MIXTURE ☒ c. WASTE

RADIOACTIVE ☐ Yes ☒ No 212

CURIES 213

PHYSICAL STATE (Check one item only) 214
☐ a. SOLID ☒ b. LIQUID ☐ c. GAS

LARGEST CONTAINER 215
24 GAL.

FED HAZARD CATEGORIES (Check all that apply) 216
☐ a. FIRE ☐ b. REACTIVE ☐ c. PRESSURE RELEASE ☐ d. ACUTE HEALTH ☐ e. CHRONIC HEALTH

AVERAGE DAILY AMOUNT 217	MAXIMUM DAILY AMOUNT 218	ANNUAL WASTE AMOUNT 219	STATE WASTE CODE 220
12 GAL.	24 GAL.	24 GAL.	

UNITS* (Check one item only) 221
☒ a. GALLONS ☐ b. CUBIC FEET ☐ c. POUNDS ☐ d. TONS
* If EHS, amount must be in pounds.

DAYS ON SITE: 222

STORAGE CONTAINER 223
☐ a. ABOVE GROUND TANK ☐ e. PLASTIC/NONMETALLIC DRUM ☐ i. FIBER DRUM ☐ m. GLASS BOTTLE ☐ q. RAIL CAR
☐ b. UNDERGROUND TANK ☐ f. CAN ☐ j. BAG ☐ n. PLASTIC BOTTLE ☐ r. OTHER
☐ c. TANK INSIDE BUILDING ☐ g. CARBOY ☐ k. BOX ☐ o. TOTE BIN
☒ d. STEEL DRUM ☐ h. SILO ☐ l. CYLINDER ☐ p. TANK WAGON

STORAGE PRESSURE 224
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT

STORAGE TEMPERATURE 225
☒ a. AMBIENT ☐ b. ABOVE AMBIENT ☐ c. BELOW AMBIENT ☐ d. CRYOGENIC

	%WT	HAZARDOUS COMPONENT (For mixture or waste only)	EHS	CAS #
1	100 226	NON-VOLATILE RESIDUE 227	☐ Yes ☒ No 228	229
2	230	231	☐ Yes ☐ No 232	233
3	234	235	☐ Yes ☐ No 236	237
4	238	239	☐ Yes ☐ No 240	241
5	242	243	☐ Yes ☐ No 244	245

If more hazardous components are present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, attach additional sheets of paper capturing the required information.

ADDITIONAL LOCALLY COLLECTED INFORMATION 246

If EPCRA, Please Sign Here

Hazardous Materials Inventory - Chemical Description

You must complete a separate Hazardous Materials Inventory - Chemical Description page for each hazardous material (hazardous substances and hazardous waste) that you handle at your facility in aggregate quantities equal to or greater than 500 pounds, 55 gallons, 200 cubic feet of gas (calculated at standard temperature and pressure) or the federal threshold planning quantity for Extremely Hazardous Substances, whichever is less. Also complete a page for each radioactive material handled over quantities for which an emergency plan is required to be adopted pursuant to 10 CFR Parts 30, 40, or 70. The completed inventory should reflect all reportable quantities of hazardous materials at your facility, reported **separately** for each building or outside adjacent area, with **separate** pages for unique occurrences of physical state, storage temperature and storage pressure. (Note: the numbering of the instructions follows the data element numbers that are on the Unified Program Consolidated Form (UPCF) pages. These data element numbers are used for electronic submission and are the same as the numbering used in Division 3, Electronic Submittal of Information.) Please number all pages of your submittal. This helps your CUPA or AA identify whether the submittal is complete and if any pages are separated.

1. FACILITY ID NUMBER - This number is assigned by the CUPA or AA. This is the unique number which identifies your facility.
3. BUSINESS NAME - Enter the full legal name of the business.
200. ADD/DELETE/ REVISE - Indicate if the material is being added to the inventory, deleted from the inventory, or if the information previously submitted is being revised. NOTE: You may choose to leave this blank if you resubmit your entire inventory annually.
201. CHEMICAL LOCATION - Enter the building or outside/ adjacent area where the hazardous material is handled. A chemical that is stored at the same pressure and temperature, in multiple locations within a building, can be reported on a single page. NOTE: This information is not subject to public disclosure pursuant to HSC §25506.
202. CHEMICAL LOCATION CONFIDENTIAL - EPCRA - All businesses which are subject to the Emergency Planning and Community Right to Know Act (EPCRA) must check "Yes" to keep chemical location information confidential. If the business does not wish to keep chemical location information confidential check "No".
203. MAP NUMBER - If a map is included, enter the number of the map on which the location of the hazardous material is shown.
204. GRID NUMBER - If grid coordinates are used, enter the grid coordinates of the map that correspond to the location of the hazardous material. If applicable, multiple grid coordinates can be listed.
205. CHEMICAL NAME - Enter the proper chemical name associated with the Chemical Abstract Service (CAS) number of the hazardous material. This should be the International Union of Pure and Applied Chemistry (IUPAC) name found on the Material Safety Data Sheet (MSDS). NOTE: If the chemical is a mixture, do not complete this field; complete the ACOMMON NAME" field instead.
206. TRADE SECRET - Check "Yes" if the information in this section is declared a trade secret, or "No" if it is not.
State requirement: If yes, and business is not subject to EPCRA, disclosure of the designated trade secret information is bound by HSC §25511.
Federal requirement: If yes, and business is subject to EPCRA, disclosure of the designated Trade Secret information is bound by 40 CFR and the business must submit a "Substantiation to Accompany Claims of Trade Secrecy" form (40 CFR 350.27) to USEPA.
207. COMMON NAME - Enter the common name or trade name of the hazardous material or mixture containing a hazardous material.
208. EHS - Check "Yes" if the hazardous material is an Extremely Hazardous Substance (EHS), as defined in 40 CFR, Part 355, Appendix A. If the material is a mixture containing an EHS, leave this section blank and complete the section on hazardous components below.
209. CAS # - Enter the Chemical Abstract Service (CAS) number for the hazardous material. For mixtures, enter the CAS number of the mixture if it has been assigned a number distinct from its components. If the mixture has no CAS number, leave this column blank and report the CAS numbers of the individual hazardous components in the appropriate section below.
210. FIRE CODE HAZARD CLASSES - Fire Code Hazard Classes describe to first responders the type and level of hazardous materials which a business handles. This information shall only be provided if the local fire chief deems it necessary and requests the CUPA or AA to collect it. A list of the hazard classes and instructions on how to determine which class a material falls under are included in the appendices of Article 80 of the Uniform Fire Code. If a material has more than one applicable hazard class, include all. Contact CUPA or AA for guidance.
211. HAZARDOUS MATERIAL TYPE - Check the one box that best describes the type of hazardous material: pure, mixture or waste. If waste material, check only that box. If mixture or waste, complete hazardous components section.
212. RADIOACTIVE - Check "Yes" if the hazardous material is radioactive or "No" if it is not.
213. CURIES - If the hazardous material is radioactive, use this area to report the activity in curies. You may use up to nine digits with a floating decimal point to report activity in curies.
214. PHYSICAL STATE - Check the one box that best describes the state in which the hazardous material is handled: solid, liquid or gas.
215. LARGEST CONTAINER - Enter the total capacity of the largest container in which the material is stored.
216. FEDERAL HAZARD CATEGORIES - Check all categories that describe the physical and health hazards associated with the hazardous material.

PHYSICAL HAZARDS	HEALTH HAZARDS
Fire: Flammable Liquids and Solids, Combustible Liquids, Pyrophorics, Oxidizers	**Acute Health (Immediate):** Highly Toxic, Toxic, Irritants, Sensitizers, Corrosives, other hazardous chemicals with an adverse effect with short term exposure
Reactive: Unstable Reactive, Organic Peroxides, Water Reactive, Radioactive	
Pressure Release: Explosives, Compressed Gases, Blasting Agents	**Chronic Health (Delayed):** Carcinogens, other hazardous chemicals with an adverse effect with long term exposure

217. AVERAGE DAILY AMOUNT - Calculate the average daily amount of the hazardous material or mixture containing a hazardous material, in each building or adjacent/ outside area. Calculations shall be based on the previous year's inventory of material reported on this page. Total all daily amounts and divide by the number of days the chemical will be on site. If this is a material that has not previously been present at this location, the amount shall be the average daily amount you project to be on hand during the course of the year. This amount should be consistent with the units reported in box 221 and should not exceed that of maximum daily amount.
218. MAXIMUM DAILY AMOUNT - Enter the maximum amount of each hazardous material or mixture containing a hazardous material, which is handled in a building or adjacent/outside area at any one time over the course of the year. This amount must contain at a minimum last year's inventory of the material reported on this page, with the reflection of additions, deletions, or revisions projected for the current year. This amount should be consistent with the units reported in box 221.
219. ANNUAL WASTE AMOUNT - If the hazardous material being inventoried is a waste, provide an estimate of the annual amount handled.
220. STATE WASTE CODE - If the hazardous material is a waste, enter the appropriate California 3-digit hazardous waste code as listed on the back of the Uniform Hazardous Waste Manifest.
221. UNITS - Check the unit of measure that is most appropriate for the material being reported on this page: gallons, pounds, cubic feet or tons. NOTE: If the material is a federally defined Extremely Hazardous Substance (EHS), all amounts must be reported in pounds. If material is a mixture containing an EHS, report the units that the material is stored in (gallons, pounds, cubic feet, or tons).
222. DAYS ON SITE - List the total number of days during the year that the material is on site.
223. STORAGE CONTAINER - Check all boxes that describe the type of storage containers in which the hazardous material is stored. NOTE: If appropriate, you may choose more than one.
224. STORAGE PRESSURE - Check the one box that best describes the pressure at which the hazardous material is stored.
225. STORAGE TEMPERATURE - Check the one box that best describes the temperature at which the hazardous material is stored.
226. HAZARDOUS COMPONENTS 1-5 (% BY WEIGHT) - Enter the percentage weight of the hazardous component in a mixture. If a range of percentages is available, report the highest percentage in that range. (Report for components 2 through 5 in 230, 234, 238, and 242.)
227. HAZARDOUS COMPONENTS 1-5 NAME - When reporting a hazardous material that is a mixture, list up to five chemical names of hazardous components in that mixture by percent weight (refer to MSDS or, in the case of trade secrets, refer to manufacturer). All hazardous components in the mixture present at greater than 1% by weight if non-carcinogenic, or 0.1% by weight if carcinogenic, should be reported. If more than five hazardous components are present above these percentages, you may attach an additional sheet of paper to capture the required information. When reporting waste mixtures, mineral and chemical composition should be listed. (Report for components 2 through 5 in 231, 235, 239, and 243.)
228. HAZARDOUS COMPONENTS 1-5 EHS - Check "Yes" if the component of the mixture is considered an Extremely Hazardous Substance as defined in 40 CFR, Part 355, or "No" if it is not. (Report for components 2 through 5 in 232, 236, 240, and 244.)
229. HAZARDOUS COMPONENTS 1-5 CAS - List the Chemical Abstract Service (CAS) numbers as related to the hazardous components in the mixture. (Repeat for 2-5.)
246. LOCALLY COLLECTED INFORMATION - This space may be used by the CUPA or AA to collect any additional information necessary to meet the requirements of their individual programs. Contact the CUPA or AA for guidance.

UNIVERSAL WASTE GENERATOR REPORTING FORM

Facility Name: ALL REPAIR MACHINE SHOP

Facility Address: 2221 4TH ST. BERKELEY, CALIF.

Reporting Period: calendar year 2010 (January 1 through December 31, 2010)

Report all quantities of the following Universal Wastes (UWs):	**Annual UW Generation** (in pounds)
1. Electronic devices (e.g. cell phones, televisions, VCRs, computer CPUs, portable DVD players)	—
2. Batteries (all batteries except auto, including AAA, AA, A, C, D, 9-volt, silver button cell, alkaline, nickel-cadmium, rechargeable)	2 lbs
3. Mercury-containing equipment (e.g. dental amalgam, mercury switches, mercury-added novelties, counterweights, thermostats)	—
4. Electric lamps (fluorescent tubes and bulbs, high-intensity discharge lamps, sodium vapor lamps)	—
Fluorescent tubes and bulbs [report in linear feet]	12 FT
5. CRTs [cathode ray tubes] (glass picture tubes removed from televisions, monitors)	—
6. CRT glass (cathode ray tube, broken or processed for recycling)	—
7. Non-empty aerosol cans	—
8. Other	—
Annual Throughput - Total Pounds:	2 lbs
Annual Throughput - Total Linear Feet:	12 FT

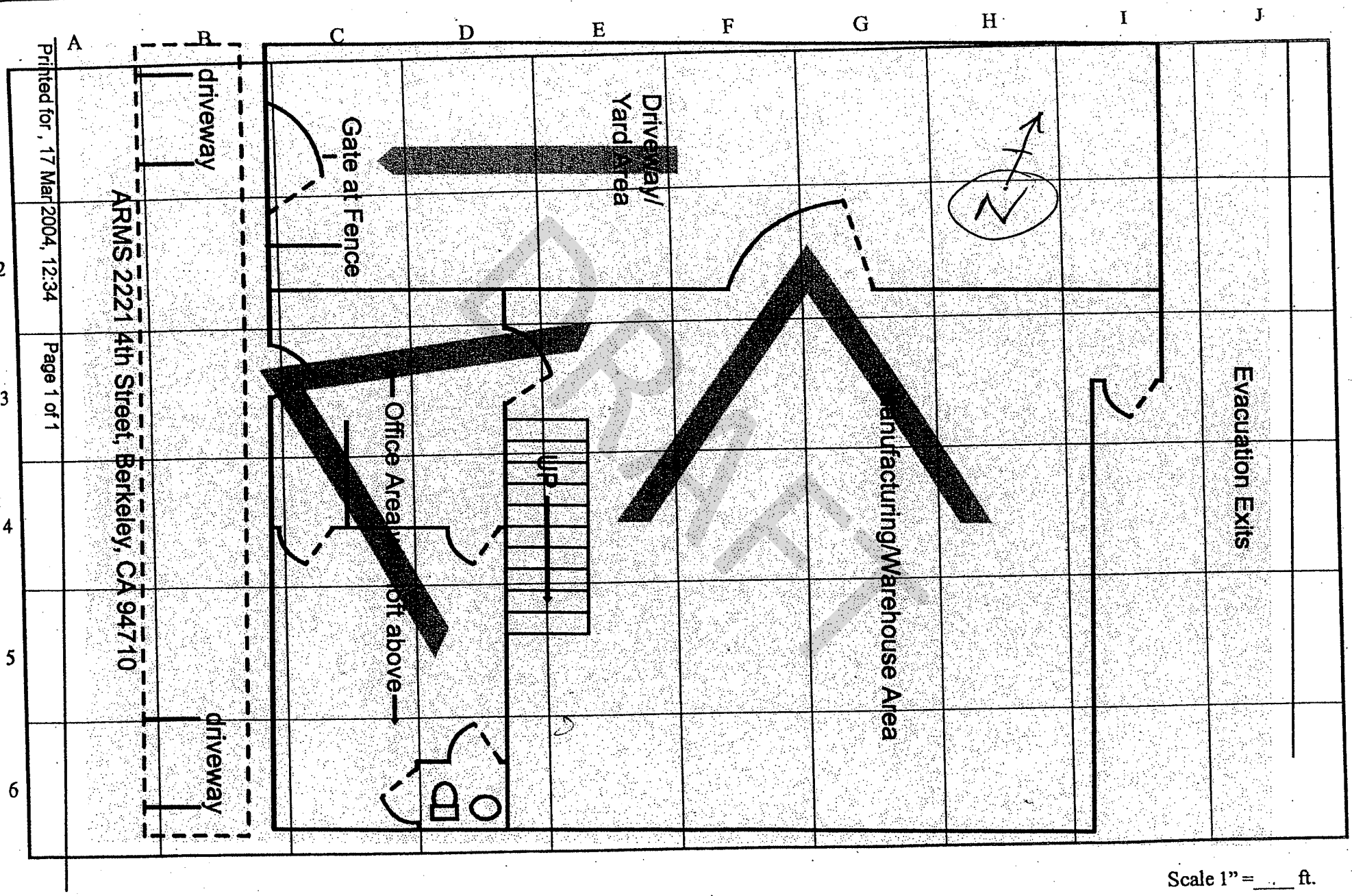
Universal wastes represent a serious potential health hazard due to significant amounts of arsenic, beryllium, cadmium, copper, lead, mercury, nickel, zinc and other materials.

For detailed requirements on Universal Waste handling and management requirements please refer to the California Department of Toxics Substances Control (DTSC) website at:

http://www.dtsc.ca.gov/HazardousWaste/UniversalWaste/upload/UW_Factsheet1.pdf

Universal Wastes may not be disposed of in the trash!

Facility Site Plan/Storage Map	Business Name: ARMS	Site Address: 2221 4th ST BERK. 94710	Map#: 2-A

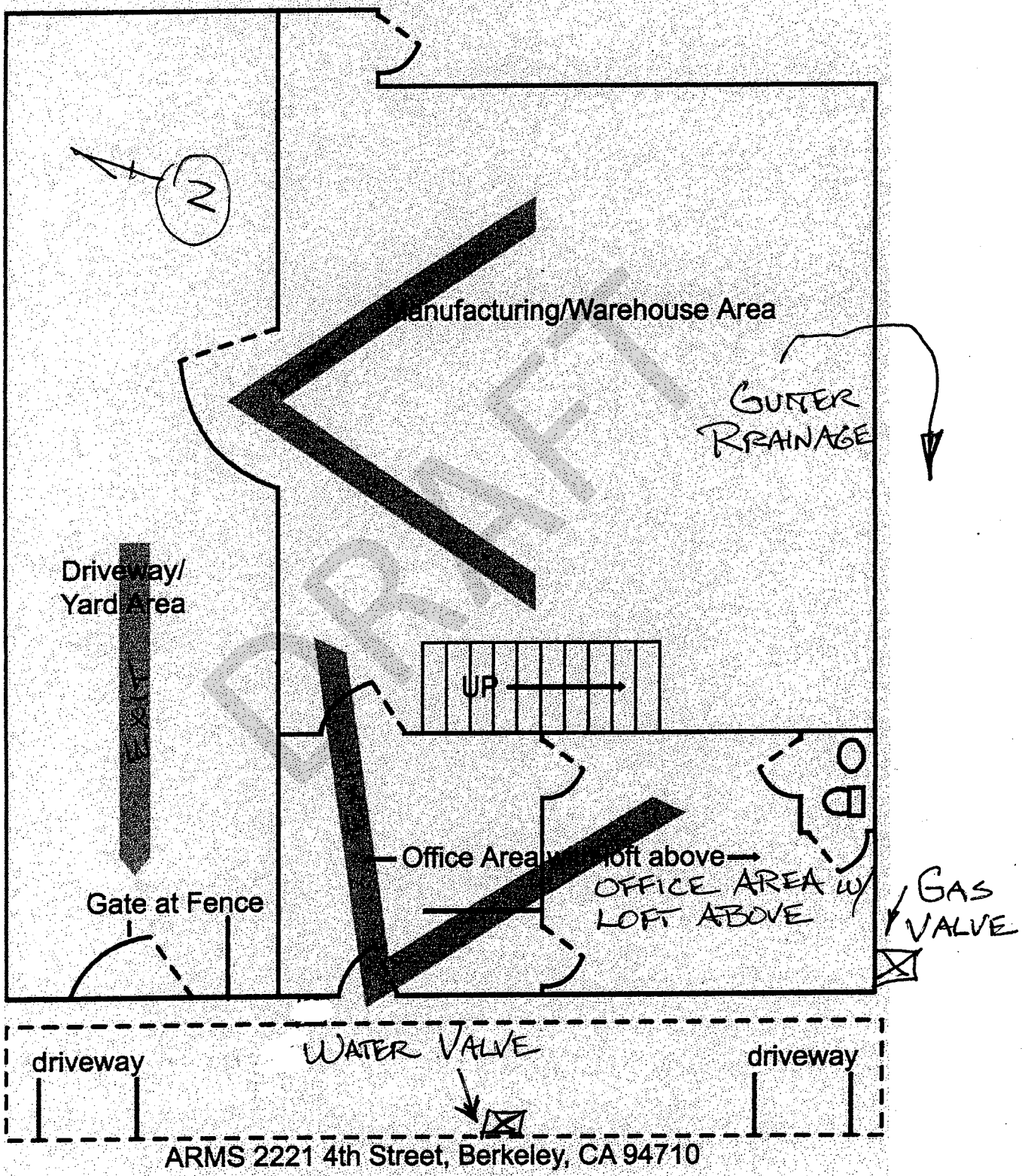


Scale 1" = ___ ft.

Page 4 of 5

Evacuation Exits

MAP 1-A



Emergency Response Plan/Contingency Plan

The following items are elements of a comprehensive emergency response plan/contingency plan that meets state requirements. If your facility has a written plan, or if you are to prepare one, make sure all the elements listed are covered by your plan. Small facilities with simple operations may complete the boxes below to be in compliance with the written emergency plan requirement. Please submit a copy of your written response plan or complete and submit this form.

I. Facility Information

Facility Name: ALL REPAIR MACHINE SHOP	Phone: 510-843-2767
Address: 2221 4TH ST.	
City: BERKELEY, CALIF.	Zip: 94710

II. Emergency Coordinators

Primary Coordinator	Secondary Coordinator
Name: TIM SEAGREN	Name: EUGENE STADELHOFER
Title: GENERAL MANAGER	Title: PRESIDENT
Work Phone: 510-843-2767	Work Phone: 510-843-2767
After hours Phone: 510-523-3227-HOME	After hours Phone: 925-837-7638-HOME
Pager: —	Pager: —

III. Emergency Telephone Numbers and Arrangements

The emergency coordinator shall immediately notify the following whenever a release, fire, or explosion threatens human health or the environment:

Agency	Phone
Fire Department	911
California Emergency Management Agency	(916) 845-8911
City of Berkeley Toxics Management Division	(510) 981-7460 or 911
Hospital/Medical Center (if injuries)	510-845-5170
EBMUD Waste Water Treatment Facility (if to sewer)	(510) 287-1651
Hazardous Waste Contractor (if clean up needed)	510-832-7942/800-769-5802
Bay Area Air Quality Management District	(800) 334-6367
Other agencies:	

Arrangements: (Please check one box)

- ☑ We have no formalized written agreements with any emergency response agency or contractor.
- ☐ We have formalized written agreements with _____

  Telephone: _____ for emergency response.

IV. Earthquake Response

Identify the areas and/or mechanical equipment or other systems that could require immediate inspection or isolation because of their vulnerability to earthquake related ground motion.

Areas/equipment identified to be inspected immediately after an earthquake:	HOT WATER HEATER (6-E) MAP # 2-A

V. Emergency Equipment Inventory Table

EQUIPMENT CATEGORY	✓	Equipment (✓ if these are provided)	Location*	Description**
Personal Protective Equipment, Safety Equipment, First Aid Equipment		Chemical Protective Boots		
	✓	Chemical Protective Gloves	2-H	WASH TANK
	✓	Safety Glasses/Goggles/Face shields	3H	SHOP
		Chemical Protective Clothing		
	✓	Hard Hats	1-C	OFFICE
		Chemical Monitoring Equipment (describe)		
	✓	First Aid Kits	6-E	CABINET (SHOP)
	✓	Eye Wash Stations	6-E	SINK (SHOP)
		Safety Showers		
		Cartridge Respirators and Cartridges (describe)		
	✓	Self-Contained Breathing Apparatus (SCBA)	3-H	CABINET (SHOP)
		Other (describe)		
Fire Extinguishing Systems	✓	Fire Extinguishers	3-C, 6E, 6G 3-H, 3E	OFFICE, SHOP
		Automatic Fire Systems		
		Fire Alarm Boxes		
Spill Control Equipment, Decontamination Equipment	✓	Absorbents, Neutralizers (describe)		
	✓	Shovels/Brooms/Squeegees	4-G	SHOP
		Overpack drum/Spill drum	2-H	SHOP
		Berms/Dikes (describe)		
		Decontamination Equipment (describe)		
		Gas cylinder leak repair kits (describe)		
		Other (describe)		
Communications and Alarm Systems	✓	Telephones	3-C, 6C 3-F	SHOP & OFFICE
		Intercoms/PA systems		
		Portable 2 way radios		
		UST leak detection monitors		
		Chemical alarms (describe)		
Additional Equipment (Use additional pages if needed)				

* If appropriate, use the location code(s) from your Hazardous Materials Business Plan.

** Describe the equipment, such as type and quantity, and its capabilities. If applicable, specify any testing/maintenance procedures/intervals.

VI. Evacuation Information:

Evacuation Announcement	☑ Bell ☐ PA System Other _____ ☐ Horn ☑ Shouting
Evacuation Route	☑ Map Other _____
Assembly Area	Location: FRONT GATE E&F 1&2
Re-entry Procedures	

VII. Emergency Procedures:

Emergency Coordinator Responsibilities:

1. Whenever there is an imminent or actual emergency situation such as a explosion, fire, or release, the emergency coordinator *(or his/her designee when the emergency coordinator is on call)* shall:
   a. Identify the character, exact source, amount, and aerial extent of any released hazardous materials.
   b. Assess possible hazards to human health or the environment that may result from the explosion, fire, or release. This assessment must consider both direct and indirect effects *(e.g. the effects of any toxic, irritating, or asphyxiating gases that are generated, the effects of any hazardous surface water run-off from water or chemical agents used to control fire, etc.)*.
   c. Activate internal facility alarms or communications systems, where applicable, to notify all facility personnel.
   d. Notify appropriate local authorities *(i.e., call 911)*.
   e. Notify the State Office of Emergency Services at 1-800-852-7550.
   f. Monitor for leaks, pressure build-up, gas generation, or ruptures in valves, pipes, or other equipment shut down in response to the incident.
   g. Take all reasonable measures necessary to ensure that fires, explosions, and releases do not occur, recur, or spread to other hazardous materials at the facility.

2. Before facility operations are resumed in areas of the facility affected by the incident, the emergency coordinator shall:
   a. Provide for proper storage and disposal of recovered waste, contaminated soil or surface water, or any other material that results from a explosion, fire, or release at the facility.
   b. Ensure that no material that is incompatible with the released material is transferred, stored, or disposed of in areas of the facility affected by the incident until cleanup procedures are completed.
   c. Ensure that all emergency equipment is cleaned, fit for its intended use, and available for use.
   d. Notify the Cal/EPA's Department of Toxic Substances Control and the City of Berkeley Toxics Management Division that the facility is in compliance with requirements 2-a and 2-b, above.

Special site specific procedures:

Emergency	Response Action
Hazardous Material & Hazardous Waste Spills/Releases:	
Fire	
Explosion	
Earthquake	
Other	

Employee Training Plan

1. Scope

This plan is designed to provide employees with training on hazardous materials and hazardous waste that will satisfy the requirements of the California Health and Safety Code Chapter 6.95 and Chapter 6.5.

Facility Name:	ALL REPAIR MACHINE SHOP
Address:	2221 4TH ST. BERKELEY, CA 94710
Main Activity:	PUMP MANUFACTURE
Building or Areas where hazardous materials/wastes are found:	SHOP

2. Responsibilities

The following persons are responsible for ensuring that this Training Plan is implemented:

Name/Title	Training Responsibility
EUGENE STADELHOFER	PRESIDENT - EUGENE STADELHOFER

3. Employees/New Employees

New employees are trained during orientation, before starting on a job? ☐ YES ☑ NO

New employees who handle hazardous waste are trained in hazardous waste management within six months of hire date? ☐ YES ☑ NO

4. New Assignments or Changes in Operations

In the event of new assignments or of changes in operation, affected employees are trained before the new assignment or the change in operation takes place. ☑ YES ☐ NO

5. Refresher Training

Refresher training will be provided _____ (how often). The method used will be: *(check all that apply)*

- ☐ Outside classes
- ☐ In-house classes provided by contractor
- ☑ Safety meetings
- ☑ In-house classes conducted by in-house trainers

6. Training Topics

The following table indicates the training topics covered for this facility, as indicated with a ☑. Other documentation on these training topics is maintained and are available to the inspector upon request.

All employees are trained to do the following procedures, as appropriate:	
☑	1. Initiate, activate, or recognize internal alarms and other emergency announcements.
☑	2. Notify internal or on-site emergency responders listed in the emergency response/contingency plan.
☑	3. Notify agencies listed in the emergency/contingency plan.
☑	4. Locate and review contents of written emergency response/contingency plan.
☑	5. Initiate, conduct, or follow evacuation procedures as described in the emergency response/contingency plan.
Hazardous materials/waste handlers are additionally trained in the following subjects:	
☑	1. Safe methods for handling and storage of hazardous materials and hazardous waste.
☑	2. Locations and proper use of personal protective equipment.
☑	3. Locations and proper use of fire and spill control equipment.
☑	4. Specific hazards of each chemical or waste to which they may be exposed, including the pathways of exposure (i.e. skin absorption, inhalation, ingestion).
☑	5. Follow emergency procedures for chemical/waste spills, earthquake, fire, and/or medical emergencies as described in the emergency response/contingency plan.
☑	6. Hazardous waste handlers/managers are also trained in all aspects of hazardous waste management specific to their job duties (e.g. accumulation time, storage period, labels, inspection of containers and storage areas, uniform hazardous waste manifests, etc.)

7. Emergency Response Team

This facility has a formally organized Emergency Response Team. ☐ YES ☐ NO

Emergency Response Team members are additionally trained for the following activities:	
☑	1. Personnel rescue procedures.
☑	2. Shutdown of operations.
☑	3. Liaison with emergency response agencies.
☑	4. Use, maintenance, and replacement of emergency response equipment.
☑	5. Emergency response drills are conducted, at least *(specify frequency)* [1] times a year.
☑	6. Refresher training is provided, at least annually.

8. Recordkeeping

Employee training and other records are maintained at the facility. These include the following:

☑	1. Record of training for each employee (date and duration of training, subject matter covered, instructor, etc.).
☑	2. Training records of current and former employees. (For current employees, records are to be retained until closure of the facility. For former employees, training records are to be retained for at least 3 years after termination of employment.
☑	3. Description of introductory and continuing training programs for each employee classification.
☑	4. Current emergency response, contingency, and/or spill response plan (for underground or aboveground tanks).
☑	5. Description and documentation of emergency response drills.
☑	6. Record of reportable/recordable accidental releases of hazardous material/waste.
☑	7. Record of inspections of hazardous material/waste storage areas.
N/A ☐	8. Record of daily inspection of hazardous waste tanks.
N/A ☐	9. Inspection procedures for identified earthquake-sensitive areas and systems in the facility.

Note: *The above list does not necessarily include every type of record required to be maintained by your facility.*

Training records are maintained in the following location: _____.

FILE COPY

ELECTRONIC HAZARDOUS MATERIALS BUSINESS PLAN SUBMITTAL
DUE MARCH 1, 2013

Planning and Development Department
Toxics Management Division

January 16, 2013

Tim Seagren
2221 Fourth Street
Berkeley, CA 94710

RE: ALL REPAIR MACHINE SHOP (ARMS) located at 2221 FOURTH STREET

Dear Berkeley Business Owner/Operator:

For the 2013 reporting year, the State and City of Berkeley require your business to submit a full Hazardous Materials Business Plan (HMBP) electronically, through an online web portal, at http://www.berkeleycupa.com/[10]. This is in accordance with California Health and Safety Code section 25505 and Berkeley Municipal Code section 15.12.040. **You are required to complete this by March 1, 2013**.

Step 1: Obtain a username and password if you are new to the online portal system. Go to the following web address, http://www.berkeleycupa.com, and click on the link that says "Click here to request a username/password". The Berkeley CUPA Login Request Form will pop up in a new window (ensure that your pop-up blocker does not prevent it from opening). Complete the required fields on the form and then click the Submit button. Please allow the Toxics Management Division (TMD) four (4) working days to email you your username and password.

OR

If you already have a username and password, log in to the online portal (you would have received it in an email from berkeleycupa@ecompliance.net). If you have forgotten this information, please click on the Forgot password? link on the online portal.

Step 2: Login using your username and password.

Step 3: On the Portal Home Page, ensure that your "mailing" and "owner information" are correct and then click on the link to Proceed to Forms. Please note: You may NOT submit an annual certification this year instead of a full HMBP.

Step 4: Follow the steps to complete and submit the required HMBP forms, including Chemical Description, Consolidated Emergency Response/Contingency Plan,

[10] Alternatively, you may submit your HMBP to the California Environmental Reporting System (CERS)

Facility Map, etc. Please note that the TMD has already entered the hazardous materials inventory information you provided in 2011, and your 2012 inventory updates. Please review the inventory closely, as many submittals were found to be incorrect or incomplete, including fire code hazard classes, hazardous components, units of measurement, maximum and average amounts and other required fields.

If you need assistance, or you do not have access to a computer, you may request an appointment to use our computer kiosk where staff will assist you with your submittal. Alternatively, you may register to attend one of two free training workshops listed below.

Hands-On Electronic Reporting System Training Workshops

Please bring your Hazardous Materials Business Plan and Materials Safety Data Sheets to the training.

Where: City of Berkeley Computer Training Room
1947 Center Street, 3rd Floor
Berkeley, CA 94704

When: Wednesday, January 30, 2013
9:00 am – 11:00 am

or

Tuesday, February 19, 2013
3:00 pm – 5:00 pm

Please contact Mary Matambanadzo at (510) 981-7468, or by email at MMatambanadzo@cityofberkeley.info, for an appointment, or to reserve a seat in one of the trainings. Seats are limited, so please sign up early.

Sincerely,

Nabil Al-Hadithy
Hazardous Materials Manager

Department of Planning and Development
TOXICS MANAGEMENT DIVISION
A Certified Unified Program Agency (CUPA)
2118 Milvia Street, Suite 300, Berkeley, California 94704
TEL: (510) 981-7460 ● TDD: (510) 981-6903 ● FAX: (510) 981-7470

SCANNED

For Dept Use Only
Entered: 7/12/12
by: KB
Scanned by: _____

HAZARDOUS MATERIALS INSPECTION AND VIOLATION REPORT

Date: 7-12-12 Time: 10:00 am Page: 1 of 1

Facility Name: Peerless lighting

Address: 2231 Fourth Street Phone: 845-2760

Owner/Operator Name: _____

Facility Representative(s): GARY Owen

Permitted CUPA Activities: ☒ HMBP ☒ HW (☐ LQG ☐ SQG ☒ CESQG) ☐ UW ☐ TP (TIER: _____) ☐ UST ☐ APSA ☐ CalARP
Inspections Conducted: ☒ HMBP ☐ HW (☐ RCRA LQG) ☐ UW ☐ TP (TIER: _____) ☐ UST ☐ APSA ☐ CalARP ☐ SW
Unannounced: ☐ Yes ☒ No
Purpose of Inspection: ☒ Routine ☐ Follow-up Inspection ☐ RTC QA ☐ Closure ☐ Permit Screen ☐ Other _____
Consent Granted for: ☒ Inspection ☐ Photos (include log) ☐ Samples; Consent Granted By: _____

SUMMARY OF VIOLATIONS, CORRECTIVE ACTIONS, FINDINGS:

Class (M, II, I)	Violation Code/ Observation and PE	Citation, Description, Corrective Action Required, and/or Observation
	OBS	Universal waste area was labeled properly
		- no violations noted

DRAFT

Note: The facility is subject to re-inspection at any time (re-inspection fees may apply).

☐ CUPA violations cited on page(s) NONE shall be corrected within ____ days.
☐ SW violations cited shall be corrected within____ days or before the next rain event.
☐ Submit Certification of Return to Compliance form within 30 days.

Facility Representative Signature: _____ Title: Director, F.S.

Inspector's Signature: _____ Inspector's Name: Karl Busche

Alameda Countywide
Clean Water Program
Standard Stormwater Facility Inspection Report Form

ENTERED KB

Municipality: Berkeley
Date: 7-12-12 Time:
☐ Facility has closed ☐ Facility information has changed

Reason for Inspection: ☐ First Inspection ☐ Routine Inspection ☐ Response to Complaint ☐ Follow-up | Follow-up Inspection Due:

NAME OF FACILITY: Peerless Lighting
SITE ADDRESS: 2231 Fourth Street
CONTACT NAME: Gary Owen
PHONE: 845-2760
BUSINESS TYPE/ACTIVITY:
SIC:
Is the property owner different than the facility owner? ☐ yes ☒ no If yes, complete the following: ☐ High Priority Facility
NAME: PHONE:
MAILING ADDRESS:

Is the facility covered under any other programs or permits? (Check all that apply.)
☐ None ☐ Sanitary sewer
☐ Air quality ☒ Hazmat business plan ☐ Underground storage tanks ☐ Aboveground storage tanks
☐ Fire department(hazmat storage) ☐ Hazmat waste generator ☐ Retail food facility ☐ Other

Is the facility covered under a storm water permit? ☐ Does not need Coverage ☐ No, but may need to be (Refer to Water Board)
☐ Individual ☐ General: Does the facility have a SWPPP? ☐ yes ☐ no

N/A = Not Applicable; PTNL = POTENTIAL for Pollutant Discharge: 1 = low potential, 2 = medium potential, 3 = high potential
BMP effectiveness: 0 = BMPs are effective, 1 = BMPs are fairly/almost effective, 2 = BMPs are not effective, 3 = No BMPs are implemented
NSW = Non-Stormwater Discharge

AREAS OF ACTIVITY	N/A	Potential PTNL	Effectiveness BMP	Actual Discharge NSW	REMARKS: Describe recommendations, requirements, and time to implement. Check box if remark is a requirement
A. Outdoor Process/Manufacturing Areas	X				☐
B. Outdoor Material Storage Areas	X				☐
C. Outdoor Waste Storage/Disposal Areas	X				☐
D. Outdoor Vehicle and Heavy Equipment Storage, Maintenance Areas	X				☐
E. Outdoor Parking Areas and Access Roads		1	0		☐ Customer + Employee parking only
F. Outdoor Wash Areas	X				☐
G. Rooftop Equipment	X				☐
H. Outdoor Drainage from Indoor Areas	X				☐ none
I. Other (describe):	X				☐

COMMENTS/REMARKS/REQUIREMENTS Structural Control present ☐ Maintenance required in storm drain system ☐ yes ☐ no

BMP's being Followed, very clean Facility

Number of BMP brochures distributed? ☐ Describe: ☐ See attached for more comments.

PRIORITY FOR RE-INSPECTION: ☐ 1; First ☐ 2; Second ☐ 3; Third | ☐ Referred to; Details:

ENFORCEMENT: ☐ None ☐ Verbal Notice ☐ Warning Notice ☐ Administrative Action ☐ Administrative Action w/ Penalty &/or Cost Recovery ☐ Legal Action

Facility Representative: Inspector: K Burke

CITY OF BERKELEY
OFFICE OF SPECIAL COMMUNITY SERVICES
TOXICS PROGRAM
2180 MILVIA, BERKELEY, CA 94704
(415) 644-6510

HAZARDOUS MATERIALS DIVISION INSPECTION FORM

Site ID# _____ Site Name ARMS (All repair Machine Shop) Today's Date 9/23/91

Site Address 2370 Fourth Street EPA ID# CAL 912175179

City Berkeley Zip 94710 Phone 843-2767

MAX. AMT. Stored > 500 lbs/55/gal/200cf?
Yes ✓ No ____

Hazardous Waste Generated per month?
None

Inspection Categories:
✓ I. Haz.Mat./Waste GENERATOR/TRANSPORTER
___ II. Business Plans, Acute Hazardous Materials
___ III. Underground Tanks

Marked items represent violations of the CA Administration Code (CAC) or the Health & Safety Code (HS&C).

IA. GENERATOR (TITLE 22)

___ 1. Waste ID	*66471
___ 2. EPA ID	66472
___ 3. > 90 Days	66508
___ 4. Label dates	66508
___ 5. Biennial	66493
Manifest	
___ 6. Records	66492
___ 7. Correct	66484
___ 8. Copy Sent	66492
___ 9. Exception	66484
___ 10. Copies Received	66492
Miscellaneous	
___ 11. Treatment	66371
___ 12. On-site Disp. (H.S.&C.)	26189.5
___ 13. Ex Haz. Waste	66570
Prevention	
___ 14. Communications	67121
___ 15. Aisle Space	67124
___ 16. Local Authority	67126
___ 17. Maintenance	67120
___ 18. Training	67105
Contingency	
___ 19. Prepared	67140
___ 20. Name List	67141
___ 21. Copies	67141
___ 22. Emg. Coord. Trng.	67144
Containers, Tanks	
___ 23. Condition	67241
___ 24. Compatibility	67242
___ 25. Maintenance	67243
___ 26. Inspection	67244
___ 27. Buffer Zone	67246
___ 28. Tank Inspection	67259
___ 29. Containment	67245
___ 30. Safe Storage	67261
___ 31. Freeboard	67257

IB. TRANSPORTER (TITLE 22)

___ 32. Applic./Insurance	66428
___ 33. Comp. Cert./CHP Insp.	66448
___ 34. Containers	66465
Manifest	
___ 35. Vehicles	66465
___ 36. EPA ID #'s	66531
___ 37. Correct	66541
___ 38. HW Delivery	66543
___ 39. Records	66544
Containers	
___ 40. Name/Covers	66545
___ 41. Recyclables	66800

Comments: Safety clean Solvent 15 gallons
8 gallons Corrosion inhabitor Solution no label
Cutting fluid ½ barrel
15 gallon Hydraulic oil used no label.
3 gallon Tectyl 400 rust preservative
Coal Tar in a barrels 5 gallons
Waste oil barrel → 20 gallons
Kerosene oil 7 gallons
Regular gasoline — 5 gallons.
Propan Tanks 3.
2 years old Bussiness
Have filled out old disclosure form.
need a new form.

Contact: Jim PARKS
Title: VICE PRESIDENT
Signature: Jim Parks

Inspector: Cathy
Signature: Cathy

White - Toxics Program
Yellow - Facility
Pink - Files

rev. 8/91kt

SKS Die Casting & Machining, Inc.

1849 OAK STREET
ALAMEDA, CALIFORNIA 94501
TELEPHONE: (415) 523-2541

July 21, 1988

City of Berkeley
Department of Health
& Human Services
Division of Environmental Health
Hazardous Materials Billing
2180 Milvia
Berkeley, Ca. 94704

Gentlmen:

This letter is to advise you that our facilities at 2200 and 2370 Fourth Street moved entirely to 1849 Oak Street, Alameda, Ca. as of February 1, 1988.

Sincerely,

Jeff Coult

Jeff Coult
Maintenance Supervisor

JC:mm

Company Name S.H.S. DIE CASTING
Page 1 of 2 Date 9-19-86

PART II - HAZARDOUS MATERIAL DISCLOSURE
SUBPART A - NON-WASTE MATERIALS

(Make as many copies as needed to disclose all materials.)

Common name/product or trade name	DOT Class Code #1	UN or NA No.	MSDS? Y/N	Storage Code #2	Location (Confidential Information)	Max. amt. used or stored (gal, lb, cu ft)	Ave. amt. used or stored (gal, lb, cu ft)	Total amt. released per yr. (gal, lb, cu ft) Code #3	Chemical Name-list ingredients for mixtures	CAS Number	Carcinogen (C)/ Reproductive toxin (R)
TRI-ETHANE	ORM A	UN 2831	Y	B/C	AT DEGREASER (2370 4TH)	400 GAL	400 GAL	700 GAL A	1.1.1. TRICHLORETHANE	71-55-6	
ALODINE 1500	CORR		Y	B/C	ALODINE ROOM	100 LBS	132 LBS	B - 5 GAL	CHROMIC ACID AMMONIUM FLUOZIRCONATE FLUOZIRCONIC ACID	7738-94-5 16919-31-6 12021-95-3	C
ALODINE 1200	OXY		Y	B/C	ALODINE ROOM	100 LBS	132 LBS	B - 5 GAL	CHROMIC ACID POTASSIUM FERRICYANIDE POTASSIUM FLUOZIRCONATE SODIUM FLUOBORATE	1333-82-0 13746-66-2 16923-95-8 13755-29-8	C
OXYGEN	OXY	UN1072	Y	G	WELDING ROOM DIE CASTING	250 CF	125 CF	0	OXYGEN	7782-44-7	
NITROGEN	NFG	UN1066	Y	G	LOADING DOCK	3000 CF	1200 CF	3600 CF A	NITROGEN	7727-37-9	
ACETYLENE	FG	UN1001	Y	G	WELDING ROOM DIE CASTING	160 CF	160 CF	0	ACETYLENE	74-86-2	
ARGON	NFG	UN1006	Y	G	WELDING ROOM #2	125 CF	125 CF	250 CF A	ARGON	7440-37-1	
ZINC ALLOY	/	/	Y	H INGOTS	DIE CASTING	2000 LBS	2000 LBS	0	ZINC ALLOY/ALUMINUM	N/A	
ALUMINUM A1109	/	/	Y	H INGOTS	DIE CASTING	10,000 LBS	10,000 LBS	6	ALUMINUM ALOY	N/A	
HOCUT			Y	C	PRODUCTION	110 GAL	55 GAL	B 110 GAL	MINERAL OIL P-CHLORO-M-CRESOL DIETHANOLAMINE	8012-95-1 59-50-7 111-42-2	
CHEVRON THINNER 325	CL	UN 1255	Y	C	OIL ROOM PRODUCTION	330 GAL	330 GAL	2000 GAL A	PARAFFIN AROMATIC 1.0% BENZENE 0.02%	8002-74-2	

DRAFT

Code #1 - DEPARTMENT OF TRANSPORTATION
See shipping papers for information.
Use the following abbreviations:

EXP A - Explosive A
EXP B - Explosive B
EXP C - Explosive C
BA - Blasting Agent
FG - Flammable Gas
NFG - Non Flammable Gas
POIS A - Poison Gas
POIS B - Poison Liquid/Solid
FL - Flammable Liquid
CL - Combustible Liquid
FS - Flammable Solid
RAD - Radioactive
OXY - Oxidizer
OP - Organic Peroxides
ETI - Etiologic Agent
CORR - Corrosive
IR - Irritating Agent
ORM - Other Regulated Material (A,B,C,D,E)

Code #2

A - Container Shelf
B - Fixed Storage Tank Above Ground
C - Drums or Barrels
D - Fixed Storage Tank Below Ground
E - Sump (pit with pump to remove materials)
F - Pit, Pond, or Lagoon
G - Cylinder
H - Bags
I - Carboys
J - No Materials Stored
K - Other (specify)

Code #3

A: Air
B: Sewer
C: Water
D: Land

Company Name S.K.S. DIE CASTING
Page 2 of 3 Date 9-19-86

PART II – HAZARDOUS MATERIAL DISCLOSURE
SUBPART A – NON-WASTE MATERIALS

(Make as many copies as needed to disclose all materials.)

Common name/product or trade name	DOT Class Code #1	UN or NA No.	MSDS? Y/N	Storage Code #2	Location (Confidential Information)	Max. amt. used or stored (gal, lb, cu ft)	Ave. amt. used or stored (gal, lb, cu ft)	Total amt. released per yr. (gal, lb, cu ft) Code #3	Chemical Name–list ingredients for mixtures	CAS Number	Carcinogen (C)/ Reproductive toxin (R)
HYDRO COOL PE 200	/	/	Y	C	DIE CASTING	1000 GAL	1000 GAL	0	TRIPHENYL PHOSPHATE	115-86-6	
MICRO-SEAL	FL	UN 1193	Y	C	ALODINE ROOM	5 GAL	5 GAL	0	BAKELITE RESIN METHYL ETHYL KETONE PENETRATING AGENT	1338234	
MOBIL PYROGARD D	NONE	NONE	Y	C	DIE CASTING	450 GAL	450 GAL	0	PETROLEUM EMULSION	107-21-1	
HYDRAUL 312C (MONSANTO)	NONE	NONE	Y	B	DIE CASTING	1200 GAL	1200 GAL	0	SEE ATTACHED SHEET	—	
OAKITE SOLIFF	ORM A	UN 2831	Y	B	GRINDING	35 GAL	35 GAL	20 GAL A	1.1.1. TRICHLOROETHANE	71-55-6	
ZEPRIDE (ZEP)	NOI LIQUID	NONE	Y	A	JANATORIAL ROOM	5 GAL	5 GAL	5 GAL	ETHYLENE GLYCOL MONOBUTYL ETHER SODIUM METASILICATE	111-76-2 6834-92-0	
ZEP-O-BRITE (CLEANSER) ZEP	NOI DRY	NONE	Y	A	JANATORIAL ROOM	5 LBS	5 LBS	10 LBS(B)	CHLOROMATED TRISODIUM PHOSPHATE	56802-99-4	
TECH RS TECHNOLOGY CHEM	CORR SOLID	UN 1759		C	DIE CASTING	250 LBS	250 LBS	0			
HPO TECH CHEM	CL NOS	UN 1993		C	DIE CASTING	30 GAL	30 GAL	0			

Code #1 – DEPARTMENT OF TRANSPORTATION
See shipping papers for information.
Use the following abbreviations:

EXP A – Explosive A
EXP B – Explosive B
EXP C – Explosive C
BA – Blasting Agent
FG – Flammable Gas
NFG – Non Flammable Gas
POIS A – Poison Gas
POIS B – Poison Liquid/Solid
FL – Flammable Liquid
CL – Combustible Liquid
FS – Flammable Solid
RAD – Radioactive
OXY – Oxidizer
OP – Organic Peroxides
ETI – Etiologic Agent
CORR – Corrosive
IR – Irritating Agent
ORM – Other Regulated Material (A,B,C,D,E)

Code #2
A – Container Shelf
B – Fixed Storage Tank Above Ground
C – Drums or Barrels
D – Fixed Storage Tank Below Ground
E – Sump (pit with pump to remove materials)
F – Pit, Pond, or Lagoon
G – Cylinder
H – Bags
I – Carboys
J – No Materials Stored
K – Other (specify)

Code #3
A: Air
B: Sewer
C: Water
D: Land

Company Name SHS DIE CASTING
Page 3 of 3 Date 9-19-86

PART II – HAZARDOUS MATERIAL DISCLOSURE
SUBPART B – WASTES

(Make as many copies as needed to disclose all materials.)

Common name/product or trade name	DOT Class Code #1	UN or NA No.	EPA Waste Stream Code	Storage Code #2	Location (Confidential Information)	Max. amount stored (gal,lb,cu ft)	Ave. amount stored (gal,lb,cu ft)	Total amt. released per yr. (gal,lb,cu ft) Code #3	Chemical Name– list components for mixtures	CAS Number (or EPA Waste #)	Carcinogen (C)/ Reproductive toxin (R)
TRI-ETHANE	ORM A	UN 2831	F001	C	AT DEGREASER 2370 4TH	55 GAL	20 GAL	0	111 TRICHLOROETHANE 98%	71-55-6	
CHEVRON THINNER 325	CL	UN 1255	/	C	OIL ROOM	110 GAL	55 GAL	0	PARAFFIN AROMATIC 20% BENZENE 0.02%	8002-74-2	
MIXED SOLVENT-OIL WASTE	CL	/	/	C	OIL ROOM	110 GAL	55 GAL	0	———	———	

Code #1 – DEPARTMENT OF TRANSPORTATION
See shipping papers for information.
Use the following abbreviations:

EXP A – Explosive A
EXP B – Explosive B
EXP C – Explosive C
BA – Blasting Agent
FG – Flammable Gas
NFG – Non-Flammable Gas
POIS A – Poison Gas
POIS B – Poison Liquid/Solid
FL – Flammable Liquid
CL – Combustible Liquid
FS – Flammable Solid
RAD – Radioactive
OXY – Oxidizer
OP – Organic Peroxides
ETI – Etiologic Agent
CORR – Corrosive
IR – Irritating Agent
ORM – Other Regulated Material (A,B,C,D,E)

Code #2

A – Container Shelf
B – Fixed Storage Tank Above Ground
C – Drums or Barrels
D – Fixed Storage Tank Below Ground
E – Sump (pit with pump to remove materials)
F – Pit, Pond, or Lagoon
G – Cylinder
H – Bags
I – Carboys
J – No Materials Stored
K – Other (specify)

Code #3

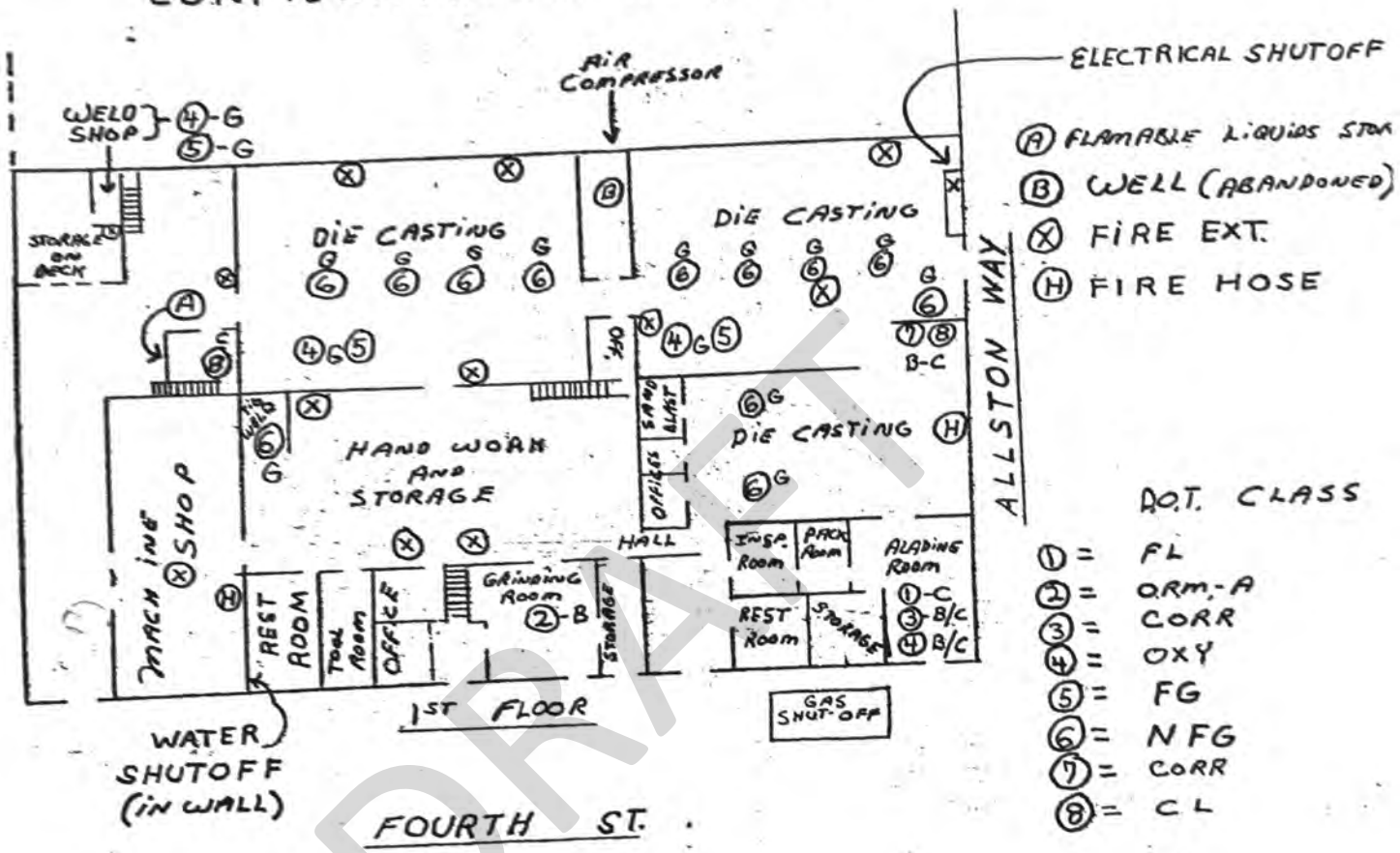
A: Air
B: Sewer
C: Water
D: Land

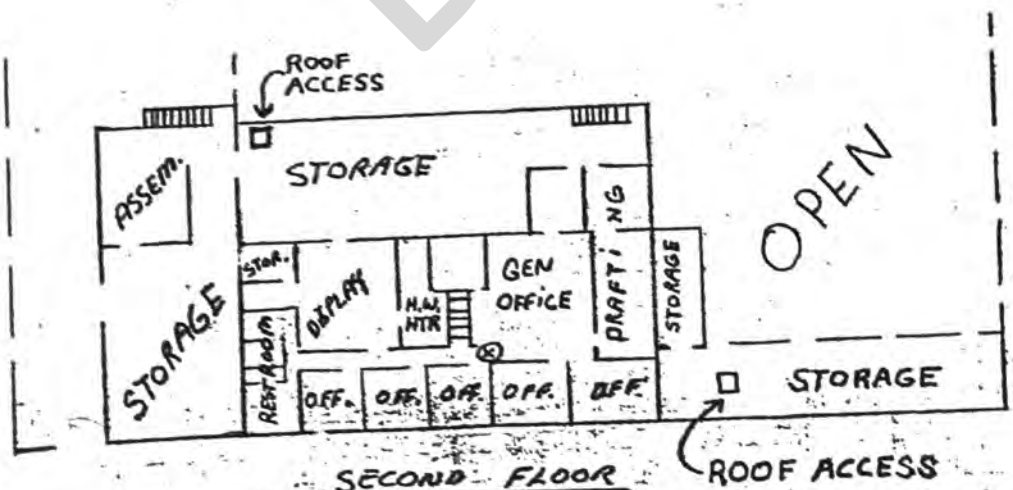
2200 & 2370 Fourth St

SHS DIE CASTING - 2200 4TH ST
BERKELEY CAL.

FACILITY STORAGE AND HANDLING MAP

CONFIDENTIAL DO NOT DISCLOSE





JEFF CO
9-8

Herst Properties
2229 4th Street
Berkeley, CA 94710

Inquiry Number: 5833407.7
October 22, 2019

EDR Environmental Lien and AUL Search

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

EDR Environmental Lien and AUL Search

The EDR Environmental Lien and AUL Search Report provides results from a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering controls and institutional controls.

A network of professional, trained researchers, following established procedures, uses client supplied address information to:

- search for parcel information and/or legal description;
- search for ownership information;
- research official land title documents recorded at jurisdictional agencies such as recorders' offices, registries of deeds, county clerks' offices, etc.;
- access a copy of the deed;
- search for environmental encumbering instrument(s) associated with the deed;
- provide a copy of any environmental encumbrance(s) based upon a review of key words in the instrument(s) (title, parties involved, and description); and
- provide a copy of the deed or cite documents reviewed.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

EDR Environmental Lien and AUL Search

TARGET PROPERTY INFORMATION

ADDRESS

2229 4th Street
Herst Properties
Berkeley, CA 94710

ENVIRONMENTAL LIEN

Environmental Lien: Found ☐ Not Found ☒

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

AULs: Found ☐ Not Found ☒

RESEARCH SOURCE

Source 1:

Alameda County Recorder
Alameda, CA

PROPERTY INFORMATION

Deed 1:

Type of Deed:	Grant Dee
Title is vested in:	SIERRA GARDEN ASSOCIATES
Title received from:	PEERLESS LIGHTING CORP
Deed Dated	10/14/1992
Deed Recorded:	11/6/1992
Book:	NA
Page:	NA
Volume:	NA
Instrument:	92363833
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	SIERRA GARDEN ASSOCIATES
Parcel # / Property Identifier:	056-1957-002-03
Comments:	See Exhibit

Deed 2:

Type of Deed:	Corporation Grant Deed
Title is vested in:	HERST LIGHTING CO
Title received from:	ABLE TERMITE CONTROL INC
Deed Dated	7/16/1981
Deed Recorded:	7/16/1981
Book:	NA
Page:	NA
Volume:	NA
Instrument:	81118647
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	HERST LIGHTING CO
Parcel # / Property Identifier:	056-1957-002-04
Comments:	See Exhibit

Deed 3:

Type of Deed:	Grant Deed
Title is vested in:	HERST LIGHTING CO
Title received from:	JOSEPH STERN
Deed Dated	11/7/1973

Deed Recorded:	11/8/1973
Book:	3549
Page:	628
Volume:	NA
Instrument:	73150119
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	HERST LIGHTING CO
Parcel # / Property Identifier:	056-1957-003-01
Comments:	See Exhibit

Deed 4:

Type of Deed:	Grant Deed
Title is vested in:	DC PROPERTIES
Title received from:	COFFEE SYSTEMS INC
Deed Dated	11/20/1985
Deed Recorded:	11/30/1995
Book:	NA
Page:	NA
Volume:	NA
Instrument:	95278355
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	
Legal Description:	See Exhibit
Legal Current Owner:	DC PROPERTIES
Parcel # / Property Identifier:	056-1957-007-01
Comments:	See Exhibit

Deed 5:

Type of Deed:	Grant Deed
Title is vested in:	DOUGLAS J HERST AND CAROLEN L HERST, TRUSTEES OF T
Title received from:	NASARIO BERNAL, SUCCESSOR TRUSTEE FO THE CONCEPTIO
Deed Dated	9/26/2006
Deed Recorded:	9/29/2006
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2006369931
Docket:	NA
Land Record Comments:	

Miscellaneous Comments:

Legal Description: See Exhibit

Legal Current Owner: DOUGLAS J HERST AND CAROLEN L HERST, TRUSTEES OF THE HERST FAMILY REVOCABLE TRUST

Parcel # / Property Identifier: 056-1958-004

Comments: See Exhibit

Deed 6:

Type of Deed:	Grant Deed
Title is vested in:	DOUGLAS J HERST, TRUSTEE OF THE DOUGLAS J HERST AN
Title received from:	DOUGLAS J HERST AND CAROLEN L HERST, CO-TRUSTEES O
Deed Dated	1/3/2019
Deed Recorded:	1/4/2019
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2019001930
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	

Legal Description: See Exhibit

Legal Current Owner: DOUGLAS J HERST, TRUSTEE OF THE DOUGLAS J HERST AND CAROLEN L HERST CHARITABLE REMAINDER UNITRUST

Parcel # / Property Identifier: 056-1958-006-03

Comments: See Exhibit

Deed 7:

Type of Deed:	Grant Deed
Title is vested in:	SIERRA GARDEN ASSOCIATES
Title received from:	PEERLESS LIGHTING CORP
Deed Dated	10/14/1992
Deed Recorded:	11/6/1992
Book:	NA
Page:	NA
Volume:	NA
Instrument:	92363831
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	

Legal Description: See Exhibit

Legal Current Owner: SIERRA GARDEN ASSOCIATES

Parcel # / Property Identifier: 056-1958-006-04

Comments: See Exhibit

Deed 8:

Type of Deed:	Grant Deed
Title is vested in:	SIERRA GARDEN ASSOCIATES
Title received from:	PEERLESS LIGHTING CORP
Deed Dated	10/14/1992
Deed Recorded:	11/6/1992
Book:	NA
Page:	NA
Volume:	NA
Instrument:	92363832
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	

Legal Description: See Exhibit

Legal Current Owner: SIERRA GARDEN ASSOCIATES

Parcel # / Property Identifier: 056-1958-014-01

Comments: See Exhibit

Deed 9:

Type of Deed:	Deed
Title is vested in:	DOUGLAS J HERST AND CAROLEN L HERST, HIS WIFE AS C
Title received from:	DOUGLAS J HERST AND CAROLEN L HERST, CO-TRUSTEES,
Deed Dated	10/20/1993
Deed Recorded:	11/5/1993
Book:	NA
Page:	NA
Volume:	NA
Instrument:	93395570
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	

Legal Description: See Exhibit

Legal Current Owner: DOUGLAS J HERST AND CAROLEN L HERST, HIS WIFE AS COMMUNITY PROPERTY

Parcel # / Property Identifier: 056-1958-12

Comments: See Exhibit

Deed 10:

Type of Deed:	Grant Deed
Title is vested in:	PETER EDWIN WALKER AND JANE BROWN GILLETTE, AS TRU

Title received from:	PETER E WALKER
Deed Dated	2/2/2007
Deed Recorded:	3/12/2007
Book:	NA
Page:	NA
Volume:	NA
Instrument:	2007102120
Docket:	NA
Land Record Comments:	
Miscellaneous Comments:	

Legal Description:	See Exhibit
Legal Current Owner:	PETER EDWIN WALKER AND JANE BROWN GILLETTE, AS TRUSTEES OF THE WALKER-GILLETTE 2006 LIVING TRUST
Parcel # / Property Identifier:	056-1958-3-1
Comments:	See Exhibit

Deed Exhibit 1

Order No.
Escrow No.
Loan No.

TRANSFER TAX PAID ALAMEDA COUNTY

92 333863

CITY TAX PAID

RECORDED IN THE OFFICIAL RECORDS OF ALAMEDA COUNTY, CALIF.
PATRICK O'CONNELL
COUNTY RECORDER

'92 NOV 6 PM 2 38

WHEN RECORDED MAIL TO:
Ellen I. Kahn
Sideman & Bancroft
One Embarcadero Center
8th Floor
San Francisco, CA 94111

6
316
11

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO:
Sierra Garden Associates
P.O. Box 2556
Berkeley, CA 94702-0556

DOCUMENTARY TRANSFER TAX $1.100
..... Computed on the consideration or value of property conveyed; OR
..... Computed on the consideration or value less liens or encumbrances remaining at time of sale
Ellen I. Kahn
Signature of Declarant or Agent determining tax – Firm Name

City of Berkeley Tr Tax
$ 15,000.00 $ 15.00
per $1000 of Full Value

GRANT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
Peerless Lighting Corporation, a California corporation

hereby GRANT(S) to
Sierra Garden Associates, a California limited partnership

the real property in the City of Berkeley
County of Alameda, State of California, described as

See attached Exhibit A.

APN 0056-1957-002-03

Dated October 14, 1992

PEERLESS LIGHTING CORPORATION

By: Richard Kraber, Chief Operating Officer

STATE OF CALIFORNIA
COUNTY OF ss.

On

before me, the undersigned, a Notary Public in and for said State, personally appeared

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

WITNESS my hand and official seal.

Signature

(This area for official notarial seal)

MAIL TAX STATEMENTS AS DIRECTED ABOVE

1002 (6/82)

ACKNOWLEDGMENT

92363833

STATE OF CALIFORNIA)
) ss
COUNTY OF ALAMEDA)

On OCTOBER 14, 1992 before me, AN-NISAA NI-LAIN
personally appeared RICHARD KRABER,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s), acted, executed the instrument.

WITNESS my hand and official seal.

OFFICIAL SEAL,
AN-NISAA NI-LAIN
NOTARY PUBLIC - CALIFORNIA
ALAMEDA COUNTY
My Comm. Expires April 19, 1993

Signature AN-NISAA NI-LAIN/ An-Nisaa Ni-Lain (Seal)

EXHIBIT A

That parcel of land in the City of Berkeley, County of Alameda, State of California, described as follows:

Lots 4, 5, 6 and 7 and the northern 15 feet of Lot 8 and that portion of Lot 3 in Block 113, which lies easterly of the direct extension northerly of the eastern line of Lot 26 in said Block 113, Map of Tract B of the Berkeley L. T. I. Association, filed February 4, 1876, Map Book 19, page 79 Alameda County Records.

APN 0056-1957-002-03

DO:aj:1924/O/92.0653

Deed Exhibit 2

BI-118647

RECORDING REQUESTED BY
Western Title Insurance Company
AND WHEN RECORDED MAIL TO
NAME / ADDRESS / CITY & STATE
Herst Lighting Corporation
c/o Peerless Electric Company
747 Bancroft Way
Berkeley, CA 94710

Title Order No. _____ Escrow No. 597935

MAIL TAX STATEMENTS TO
NAME / ADDRESS / CITY & STATE
same as above address

RECORDED at REQUEST OF
Western Title Ins. Co.
At 10:30 AM.
JUL 16 1981
OFFICIAL RECORDS OF
ALAMEDA COUNTY CALIFORNIA
RENE C. DAVIDSON
COUNTY RECORDER

TRANSFER
TAX PAID
ALAMEDA COUNTY
CITY TAX PAID

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Documentary transfer tax $ [redacted] 195.80
☒ Computed on full value of property conveyed, or
☐ Computed on full value less liens and encumbrances remaining thereon at time of sale.
Joyce Lerner WESTERN TITLE INSURANCE COMPANY
Signature of declarant or agent determining tax — firm name

Corporation Grant Deed

874922

WESTERN TITLE FORM NO. 102

Co Acct No. 56-1957-2-4

FOR VALUE RECEIVED, ABLE TERMITE CONTROL INC., a California corporation

GRANTS to HERST LIGHTING Co., a California corporation

all that real property situate in the City of Berkeley

County of Alameda, State of California, described as follows:

Lot 23 and the southern 37 feet of Lot 24, and the northern 36.25 feet of the southern 37 feet of Lot 8, Block 113, "Map of Tract "B" of the Berkeley L.T.I. Association", filed February 4, 1876, Map Book 19, page 79, Alameda County Records.

City of Berkeley Tax $ 1780.00

IN WITNESS WHEREOF, said corporation has executed these presents by its officers thereunto duly authorized, this 15th day of July, 1981

ABLE TERMITE CONTROL, INC., a Calif. corp.

By O. Henry Olsen, President

By _____ Secretary

STATE OF CALIFORNIA
City & County of San Francisco } ss.

On July 15, 1981, before me, the undersigned a Notary Public in and for said State, personally appeared O. Henry Olsen and _____ known to me to be the President and the Secretary of the corporation that executed the within instrument, and also known to me to be the persons who executed it on behalf of such corporation, and acknowledged to me that such corporation executed the same, and further acknowledged to me that such corporation executed the within instrument pursuant to its by-laws or a resolution of its Board of Directors.

Ruth Wright
Notary Public

FOR NOTARY SEAL OR STAMP

RUTH WRIGHT
NOTARY PUBLIC - CALIFORNIA
CITY & COUNTY OF SAN FRANCISCO
My Commission Expires July 2, 1982

MAIL TAX STATEMENTS AS DIRECTED ABOVE

Deed Exhibit 3

1973 OR 3549 628

RE:3549 IM:628

RECORDING REQUESTED BY

AND WHEN RECORDED MAIL TO

Name
Street Address
City & State

Herst Lighting Co.
747 Bancroft Way
Berkeley, Ca.
Personal Attn: Samuel Herst

RECORDED at REQUEST OF
TITLE INSURANCE & TRUST CO.
At 25 Min. Past 2 P. M.

NOV - 8 1973

73-150119

OFFICIAL RECORDS OF
ALAMEDA COUNTY, CALIFORNIA
JACK G. BLUE
COUNTY RECORDER

TRANSFER
TAX PAID
ALAMEDA COUNTY

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO

Name
Street Address
City & State

Same as above

DOCUMENTARY TRANSFER TAX $302.50
X COMPUTED ON FULL VALUE OF PROPERTY CONVEYED,
____ OR COMPUTED ON FULL VALUE LESS LIENS AND ENCUMBRANCES REMAINING AT TIME OF SALE.
J. Goldman Title Ins. & Trust
Signature of Declarant or Agent determining tax. Firm Name

Grant Deed

TO 405.1 CA (1-70) THIS FORM FURNISHED BY TITLE INSURANCE AND TRUST COMPANY

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

JOSEPH STERN

hereby GRANT(S) to HERST LIGHTING CO., a California corporation,

the following described real property in the City of Berkeley, County of Alameda, State of California; and more particularly described as follows:

Lots 9, 10, 11, 12, 13, 14, 15 and the eastern 25 feet, right angle measurements, of lot 16, Block 113, Tract B of the Berkeley L. T. I. Association, filed February 4, 1876 in Book 19 of Maps, Page 79, Alameda County Records.

Commony known, designated and described as 747 Bancroft Way, Berkeley, California.

Dated October, 1973

JOSEPH STERN

STATE OF CALIFORNIA
COUNTY OF Alameda } SS.

On October Nov. 7th, 1973 before me, the undersigned, a Notary Public in and for said State, personally appeared JOSEPH STERN

known to me to be the person whose name is subscribed to the within instrument and acknowledged that he executed the same.

WITNESS my hand and official seal.

Signature Nathan Goldwater

NATHAN GOLDWATER, Notary Public, County of Alameda, State of California
Name (Typed or Printed)

OFFICIAL SEAL
NATHAN GOLDWATER
NOTARY PUBLIC CALIFORNIA
COUNTY OF ALAMEDA
My Commission Expires Nov. 19, 1974

(This area for official notarial seal)

Title Order No. Escrow or Loan No. OK-221413

MAIL TAX STATEMENTS AS DIRECTED ABOVE

Deed Exhibit 4

Order No. FIRST AMERICAN TITLE
Escrow No. 156155
Loan No.

WHEN RECORDED MAIL TO:

DC PROPERTIES, LLC
c/o Peerless Lighting
2246 5th Street
Berkeley, Ca 94710

(1)
SP156155/PJB

MAIL TAX STATEMENTS TO:
same as above

Recorded in Official Records of Alameda CO.
Patrick O'Connell, Clerk-Recorder
7.00
95278355 08:30am 11/30/95
004 604881 37 07 000065
A03 1 7.00 0.00 0.00 0.00 1155.00 15750.00
10.00 0.00 0.00

SPACE ABOVE THIS LINE FOR RECORDER'S USE

DOCUMENTARY TRANSFER TAX $ $1,155.00 City $15,750.00

.XX Computed on the consideration or value of property conveyed; OR
..... Computed on the consideration or value less liens or encumbrances remaining at time of sale.

"as declared by the undersigned"
Signature of Declarant or Agent determining tax — Firm Name

A.P.#056-1957-007-01

GRANT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,

DELICOR OF NORTHERN CALIFORNIA, INC., A California corporation, successor by merger to COFFEE SYSTEMS, INC.

hereby GRANT(S) to

DC PROPERTIES, A Limited Liability Company

the real property in the City of Berkeley
County of Alameda, State of California, described as

The Western 1/2 right angle measurement of Lot 16, all of Lots 17, 18, 19,20, 21 and 22, Block 113, Map of Tract B of the Berkeley L.T.I. Association, filed February 4, 1876, Map Book 19, Page 79, Alameda County Records.

Dated November 20, 1995

STATE OF CALIFORNIA }
COUNTY OF Alameda } ss.

On Nov. 27, 1995 before me,
P. J. BERRY,
personally appeared Wataru Takenouchi
**********,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature

DELICOR OF NORTHERN CALIFORNIA, INC.
a California corporation

By Wataru Takenouchi
Wataru Takenouchi, President

P. J. BERRY
COMM. #1029260
Notary Public — California
ALAMEDA COUNTY
My Comm. Expires JUN 8,1998

(This area for official notarial seal)

MAIL TAX STATEMENTS AS DIRECTED ABOVE

1002 (1/94)

Deed Exhibit 5

RECORDING REQUESTED BY
First American Title Company

AND WHEN RECORDED MAIL TO:
The Herst Family Revocable Trust
P O. Box 2556
Berkeley, CA 94702

2006369931 09/29/2006 02:47 PM
OFFICIAL RECORDS OF ALAMEDA COUNTY
PATRICK O CONNELL
RECORDING FEE 21 00
COUNTY TAX 970 20
CITY TAX 13230 00
2 PGS
PCOR 20 00

n/c pcor
nom tax ck
2

Space Above This Line for Recorder's Use Only

A.P.N.: 056-1958-004 File No.: 0714-2512749 (SV)

GRANT DEED

The undersigned Grantor(s) Declare(s) DOCUMENTARY TRANSFER TAX **$970.20**; CITY TRANSFER TAX **$13,230.00**; SURVEY MONUMENT FEE $

[x] computed on the consideration or full value of property conveyed, OR
[ ] computed on the consideration or full value less value of liens and/or encumbrances remaining at time of sale,
[ ] unincorporated area, [ ] City of **Berkeley** and

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged, **NASARIO BERNAL, SUCCESSOR TRUSTEE OF THE CONCEPTION M. BERNAL REVOCABLE TRUST**

hereby GRANTS to **Douglas J. Herst and Carolen L. Herst, Trustees of The Herst Family Revocable Trust**

the following described property in the City of **Berkeley**, County of **Alameda**, State of **California**:

BEGINNING AT A POINT ON THE WESTERN LINE OF 5TH STREET, DISTANT THEREON 151 FEET, 3 INCHES, SOUTHERLY FROM THE SOUTHERN LINE OF ALLSTON WAY, AS SAID STREET AND WAY ARE SHOWN ON THE MAP HEREINAFTER REFERRED TO; RUNNING THENCE SOUTHERLY ALONG SAID LINE OF 5TH STREET, 50 FEET; THENCE WESTERLY PARALLEL WITH SAID LINE OF ALLSTON WAY, 125 FEET, THENCE NORTHERLY PARALLEL WITH SAID LINE OF 5TH STREET, 50 FEET; AND THENCE EASTERLY PARALLEL WITH SAID LINE OF ALLSTON WAY 125 FEET TO THE POINT OF BEGINNING.

BEING LOT 7, IN BLOCK 114, AS SAID LOT AND BLOCK ARE SHOWN ON THE MAP OF TRACT B OF THE BERKELEY L.T.I. ASSOCIATION, SURVEYED AND SUBDIVIDED BY M.G. KING, C.E. OAKLAND, ALAMEDA COUNTY, CALIFORNIA, 1875, FILED FEBRUARY 4, 1876 IN BOOK 19 OF MAPS AT PAGE 79, IN THE OFFICE OF THE COUNTY RECORDER OF ALAMEDA COUNTY.

Dated: 09/26/2006

Nasario Bernal, successor trustee of The
Conception M. Bernal Revocable Trust

Nasario Bernal Successor Trustee
Nasario Bernal, Successor Trustee

Mail Tax Statements To: **SAME AS ABOVE**

STATE OF California)SS
COUNTY OF Contra Costa)

On September 27, 2006, before me, Sharon Karbowski, Notary Public, personally appeared Mario Bernal, ~~personally known to me~~ proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies) and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SHARON KARBOWSKI
COMM. #1401620
Notary Public-California
CONTRA COSTA COUNTY
My Comm. Exp. Feb 21, 2007

Signature Sharon Karbowski

My Commission Expires: 2-21-07

This area for official notarial seal

Notary Name: Sharon Karbowski Notary Phone: 925 685 0601
Notary Registration Number: 1401620 County of Principal Place of Business: Contra Costa

Deed Exhibit 6

RECORDING REQUESTED BY
AND WHEN RECORDED MAIL TO:
Michael J. McQuiller, Esq.
Zuckerman & McQuiller
One Embarcadero Center, Suite 2480
San Francisco, CA 94111

MAIL TAX STATEMENTS TO:
Mr. Douglas J. Herst, Trustee
P.O. Box 1173
Ross, CA 94957

APN: 056-1958-006-03
(2246 – 5th Street, 2229 – 4th Street & 2222 – 5th Street, Berkeley, CA)

2019001930 01/04/2019 12:59 PM
OFFICIAL RECORDS OF ALAMEDA COUNTY
STEVE MANNING
RECORDING FEE: 102.00
2 PGS

Cpm
A03
2
CT

SPACE ABOVE THIS LINE FOR RECORDER'S USE

GRANT DEED

The undersigned grantors declare:
Documentary transfer tax is $-0-.
Exempt from transfer tax per California Revenue and Taxation Code Section 11930.

Transfer is a gift by the Grantors from a Revocable Living Trust of which Grantors are the sole Trustees and Beneficiaries to a Charitable Remainder Unitrust.

FOR NO CONSIDERATION,

DOUGLAS J. HERST and CAROLEN L. HERST, as Co-Trustees of The Herst Family Revocable Trust U/T/A dated October 20, 1993 (the "Grantors"),

hereby GRANT to DOUGLAS J. HERST, as Trustee of the Douglas J. Herst and Carolen L. Herst Charitable Remainder Unitrust dated January 2, 2019, all of the Grantors' interests in the following described real property in the City of Berkeley, County of Alameda, State of California:

> Lots 10 through 19, inclusive, and the southern 25 feet of Lot 9, Lot 22, the southern 25 feet of Lot 23 and the northern 33.50 feet of Lot 21, Block 114, Tract "B", of the Berkeley L.T.I. Association, filed February 4, 1876, Map Book 19, Page 79, Alameda County Records.
>
> Assessor's Parcel Number: 056-1958-006-03

Dated: January 3, 2019

The Herst Family Revocable Trust
U/T/A dated October 20, 1993

By: _____
Douglas J. Herst, Co-Trustee

By: _____
Carolen L. Herst, Co-Trustee

THIS CERTIFICATE MUST BE ATTACHED TO THE DOCUMENT DESCRIBED AT RIGHT:

Title or Type of Document: Grant Deed
Number of Pages: 2, including this page
Date of Document: January 3, 2019
Signer(s) Other Than Below-Named: NONE

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA)
)
COUNTY OF San Francisco)

On January 3rd, 2019 before me, A. C. MCDONALD, Notary Public, personally appeared Douglas J. Herst and Carolen L. Herst, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument, the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____ (Seal)

A. C. MCDONALD
COMM. #2233158
NOTARY PUBLIC-CALIFORNIA
SAN FRANCISCO COUNTY
My Comm. Expires Mar. 4, 2022

Comm# 2233158

Deed Exhibit 7

Order No.
Escrow No.
Loan No.

TRANSFER TAX PAID ALAMEDA COUNTY

92 333831

CITY TAX PAID

RECORDED IN OFFICIAL RECORDS OF ALAMEDA COUNTY, CALIF.
PATRICK J. CONNELL
COUNTY RECORDER

'92 NOV 6 PM 2 37

WHEN RECORDED MAIL TO:
Ellen I. Kahn
Sideman & Bancroft
One Embarcadero Center
8th Floor
San Francisco, CA 94111

6 312 11 9

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO:
Sierra Garden Associates
P.O. Box 2556
Berkeley, CA 94702-0556

DOCUMENTARY TRANSFER TAX $ 550.00
..X.. Computed on the consideration or value of property conveyed; OR
..... Computed on the consideration or value less liens or encumbrances remaining at time of sale.

Ellen I. Kahn
Signature of Declarant or Agent determining tax — Firm Name

City of Berkeley

GRANT DEED

$ 7,500.00 Fee: $ 15.00
CITY OF BERKELEY Vehicle Equity

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
Peerless Lighting Corporation, a California corporation

hereby GRANT(S) to
Sierra Garden Associates, a California limited partnership

the real property in the City of Berkeley
County of Alameda, State of California, described as

See attached Exhibit A.

APN 0056-1958-006-04

Dated 10/14/92

STATE OF CALIFORNIA
COUNTY OF _____ } ss.

On _____

before me, the undersigned, a Notary Public in and for said State, personally appeared _____

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

WITNESS my hand and official seal.

Signature _____

PEERLESS LIGHTING CORPORATION

Richard W Kraber

By: Richard Kraber, Chief Operating Officer

(This area for official notarial seal)

MAIL TAX STATEMENTS AS DIRECTED ABOVE

1002 (6/82)

ACKNOWLEDGMENT

92363831

STATE OF CALIFORNIA)
) ss
COUNTY OF ALAMEDA)

On OCTOBER 14, 1992, before me, AN-NISAA NI-LAIN personally appeared RICHARD KRABER, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s), acted, executed the instrument.

WITNESS my hand and official seal.

OFFICIAL SEAL
AN-NISAA NI-LAIN
NOTARY PUBLIC - CALIFORNIA
ALAMEDA COUNTY
My Comm. Expires April 19, 1993

Signature AN-NISAA NI-LAIN/ An-Nisaa Ni-Lain (Seal)

EXHIBIT A

Those parcels of land in the City of Berkeley, County of Alameda, State of California, described as follows:

PARCEL 1:

LOT 8 AND THE NORTHERN 25 FEET OF LOT 9 IN BLOCK 114, AS SAID LOTS AND BLOCK ARE SHOWN ON THE "MAP OF TRACT B OF THE BERKELEY L. T. I. ASSOCIATION," FILED FEBRUARY 4, 1876, IN BOOK 19 OF MAPS, PAGE 79, IN THE OFFICE OF THE COUNTY RECORDER OF ALAMEDA COUNTY.

PARCEL 2:

LOT 24 AND THE NORTHERN 25 FEET OF LOT 23 IN BLOCK 114, AS SAID LOTS AND BLOCK ARE SHOWN ON THE "MAP OF TRACT B OF THE BERKELEY L. T. I. ASSOCIATION," FILED FEBRUARY 4, 1876, IN BOOK 19 OF MAPS, PAGE 79, IN THE OFFICE OF THE COUNTY RECORDER OF ALAMEDA COUNTY.

APN 056-1958-006-04

DO:sj:1924/O/92.0651

Deed Exhibit 8

Order No.
Escrow No.
Loan No.

TRANSFER TAX PAID ALAMEDA COUNTY

92 533832

CITY TAX PAID

RECORDED IN THE OFFICIAL RECORDS OF ALAMEDA COUNTY, CALIF.
PATRICK O'CONNELL
COUNTY RECORDER

92 NOV 6 PM 2 38

WHEN RECORDED MAIL TO:
Ellen I. Kahn
Sideman & Bancroft
One Embarcadero Center
8th Floor
San Francisco, CA 94111

SPACE ABOVE THIS LINE FOR RECORDER'S USE

MAIL TAX STATEMENTS TO:
Sierra Garden Associates
P.O. Box 2556
Berkeley, CA 94702-0556

DOCUMENTARY TRANSFER TAX $ 220.00
..... Computed on the consideration or value of property conveyed; OR
..... Computed on the consideration or value less liens or encumbrances remaining at time of sale.
Ellen I. Kahn
Signature of Declarant or Agent determining tax – Firm Name

City of Berkeley Tr Tax
$ 3,000.00 Rate: $ 15.00
Per $1000 of Full Value/Equity

GRANT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby acknowledged,
Peerless Lighting Corporation, a California corporation

hereby GRANT(S) to
Sierra Garden Associates, a California limited partnership

the real property in the City of Berkeley
County of Alameda, State of California, described as

See attached Exhibit A.

APN 0056-1958-014-01

Dated October 14, 1992

STATE OF CALIFORNIA
COUNTY OF _____ } ss.

On _____

before me, the undersigned, a Notary Public in and for said State, personally appeared _____

personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same.

WITNESS my hand and official seal.

Signature _____

PEERLESS LIGHTING CORPORATION

By: Richard Kraber, Chief Operating Officer

(This area for official notarial seal)

MAIL TAX STATEMENTS AS DIRECTED ABOVE

1002 (6/82)

ACKNOWLEDGMENT

92363832

STATE OF CALIFORNIA)
) ss
COUNTY OF ALAMEDA)

On OCTOBER 14th, 1992, before me, AN-NISAA NI-LAIN,
personally appeared RICHARD KRABER,
personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/~~are~~ subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s), acted, executed the instrument.

WITNESS my hand and official seal.

OFFICIAL SEAL
AN-NISAA NI-LAIN
NOTARY PUBLIC - CALIFORNIA
ALAMEDA COUNTY
My Comm. Expires April 19, 1993

Signature AN-NISAA NI-LAIN/ An-Nisaa Ni-Lain (Seal)

92363832

EXHIBIT A

Those parcels of land in the City of Berkeley, County of Alameda, State of California, described as follows:

PARCEL 3

The western 109 feet of Lot 25, Block 114, Map of Tract B of the Berkeley L.T.I. Association, filed February 4, 1876, Map Book 19, page 79, Alameda County Records.

PARCEL 4

The easterly 16 feet of Lot 25 and all of Lot 26, Block 114, Map of Tract B of the Berkeley L.T.I. Association, filed February 4, 1876, Map Book 19, page 79, Alameda County Records.

Excepting therefrom Lot 26: The northerly 25 feet of the westerly 100 feet as conveyed to Harold M. Edgar, et ux., recorded May 31, 1945, Book 4729 OR, page 69, Series SS/33992.

APN 0056-1958-014-01

DO:sj:1924/0/92.0652

Deed Exhibit 9

93395570

WHEN RECORDED, MAIL TO THE
FOLLOWING REQUESTING PARTY:
Ellen I. Kahn
Sideman & Bancroft
Eighth Floor
One Embarcadero Center
San Francisco, CA 94111

MAIL TAX STATEMENTS TO:
Douglas J. Herst and
Carolen L. Herst,
Co-Trustees
P. O. Box 1173
Ross, CA 94957

RECORDED IN OFFICIAL RECORDS
OF ALAMEDA COUNTY, CALIF.
AT 9:40 A.M.

NOV -5 1993

PATRICK O'CONNELL
COUNTY RECORDER

6
3+2
11

(001)

The undersigned grantors declare:
Documentary transfer tax is $0.00

Transfer to revocable living trust for the benefit of the grantors.

County of Alameda, California

DEED

We, DOUGLAS J. HERST and CAROLEN HERST, his wife as community property, hereby grant and convey to DOUGLAS J. HERST and CAROLEN L. HERST, Co-Trustees, or their successors in trust, of THE HERST FAMILY REVOCABLE TRUST U/T/A dated October 20, 1993, or any amendments thereto, all of our right, title and interest in the real property situated in the County of Alameda, California, described as follows:

See Attachment A for Legal Description

Assessor's Parcel Number: 056-1958-012

Dated: October 20, 1993

DOUGLAS J. HERST

Dated: October 20, 1993

CAROLEN L. HERST

ATTACHMENT A

Parcel 1:

Lot 20 and the southern 16-1/2 feet of uniform width of Lot 21, Block 114, Tract B of the Berkeley L.T.I. Association, filed February 4, 1876, Map Book 17, Page 79, Alameda County Records.

Parcel 2:

Easement for party walls appurtenant to Parcel 1 above as granted to Virginia Rhoda, et ux., recorded May 26, 1966, Series No. AY/066617, described as follows:

The north 3 feet of Lot 19, Block 114, Map of Tract B, of the Berkeley L.T.I. Association, filed February 4, 1876, Map Book 17, Page 79, Alameda County Records.

Assessor's Parcel No. 056-1958-012

93795570

ACKNOWLEDGMENT

STATE OF CALIFORNIA)
) ss
COUNTY OF SAN FRANCISCO)

On October 20, 1993, before me, T. Laura Arago, personally appeared DOUGLAS J. HERST and CAROLYN L. HERST, personally known to me (or proved to me on the basis of satisfactory evidence) to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same in their authorized capacities, and that by their signatures on the instrument the persons, or the entity upon behalf of which the persons acted, executed the instrument.

WITNESS my hand and official seal.

T. LAURA ARAGO
COMM. NO. 969882
NOTARY PUBLIC - CALIFORNIA
SAN FRANCISCO COUNTY
My Comm. Expires Nov. 20, 1993

Signature T. Laura Arago

LA:mp/ck:1921/0/93.0629

Deed Exhibit 10

2007102120 03/12/2007 02:44 PM
OFFICIAL RECORDS OF ALAMEDA COUNTY
PATRICK O'CONNELL
RECORDING FEE: 11.00

2 PGS

WHEN RECORDED MAIL TO:

Robert M. Harlick
Attorney at Law
44 Montgomery Street. Suite 4020
San Francisco, CA 94104

p.03
2
ca p.2

MAIL TAX STATEMENTS TO:

Peter Walker
739 Allston Way
Berkeley, CA 94710

SPACE ABOVE THIS LINE FOR RECORDER'S USE

Documentary Transfer Tax: $ -0- No consideration
Transfer to revocable trust for benefit of Grantors.
Exempt Rev. & Tax Code §1~~1925(d)~~ 11930 RMH

Robert M. Harlick, attorney
Signature of Declarant or Agent Determining Tax – Firm Name

A.P.N. 056-1958-003-01

2200 Fifth Street, Berkeley, CA 94710

GRANT DEED

FOR A VALUABLE CONSIDERATION, receipt of which is hereby PETER WALKER, also known as PETER WALKER, a married man, his sole and separate property hereby GRANTS to: PETER EDWIN WALKER and JANE BROWN GILLETTE as Trustees of the WALKER-GILLETTE 2006 LIVING TRUST, the real property in the City of Berkeley, County of Alameda, State of California, described on Exhibit A attached hereto.

Dated: February 2, 2007

STATE OF CALIFORNIA)
CITY AND COUNTY OF ~~SAN FRANCISCO~~ ALAMEDA)

On ~~February~~ 02/02, 2007 before me, Martha Sanchez, a Notary Public, personally appeared PETER WALKER, and JANE BROWN GILLETTE personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) ~~is~~/are subscribed to the within instrument and acknowledged to me that ~~he/she~~(they) executed the same in ~~his/her~~(their) authorized capacity(ies), and that by ~~his/her~~(their) signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Signature _____ (Seal)

PETER WALKER
also known as PETER E. WALKER

JANE BROWN GILLETTE
(Spouse of Peter Walker)

MARTHA SANCHEZ
COMM. #1423640
NOTARY PUBLIC - CALIFORNIA
SAN MATEO COUNTY
MY COMM. EXPIRES JUNE 10, 2007

MAIL TAX STATEMENTS AS DIRECTED ABOVE

C:\A\50066\deed.B2.wpd

EXHIBIT A

Legal Description

For

2200 Fifth Street, Berkeley, CA 94710

REAL PROPERTY in the City of Berkeley, County of Alameda, State of California, described as follows:

LOTS 3, 4, 5 AND 6, BLOCK 114, MAP OF TRACT B, BERKELEY L.T.I. ASSOCIATION, FILED FEBRUARY 4, 1876, MAP BOOK 19, PAGE 79, ALAMEDA COUNTY RECORDS

APN: 056-1958-003-01

APPENDIX E

Site Photographs

Photo 1: Main warehouse area of WINE.COM (2200 Fourth Street).

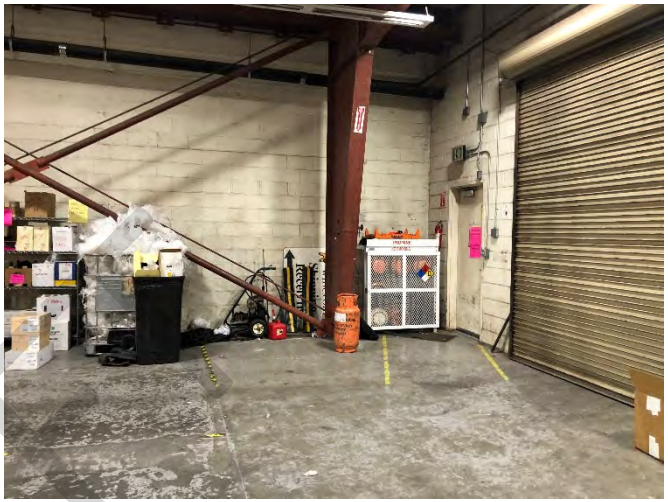


Photo 2: Propane storage area located at the north end of the WINE.COM warehouses (2200 Fourth Street).

Photo 3: Warehouse area on the westernmost section of WINE.COM (2220 Fourth Street).

Photo 4: Piezometer located along the western side of the 2220 Fourth Street area in WINE.COM.

Photo 5: Southern end of the WINE.COM warehouses (747 Bancroft Way).

Photo 6: 2221 Fourth Street building. Haley & Aldrich was unable to access the interior.

Photo 7: Residence located at 2212 Fifth Street was vacant and boarded up.

Photo 8: 2216 Fifth Street building.

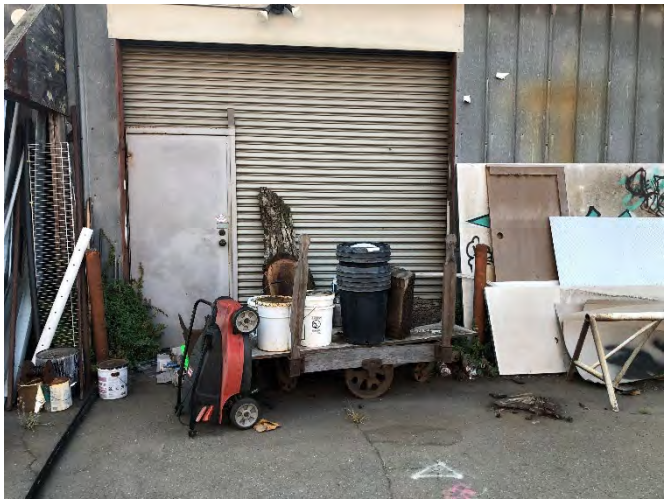


Photo 9: Stored items on the north side of the 2216 Fifth Street building, including paint cans and construction materials.

Photo 10: Paints and other chemicals stored inside the 2216 Fifth Street building.

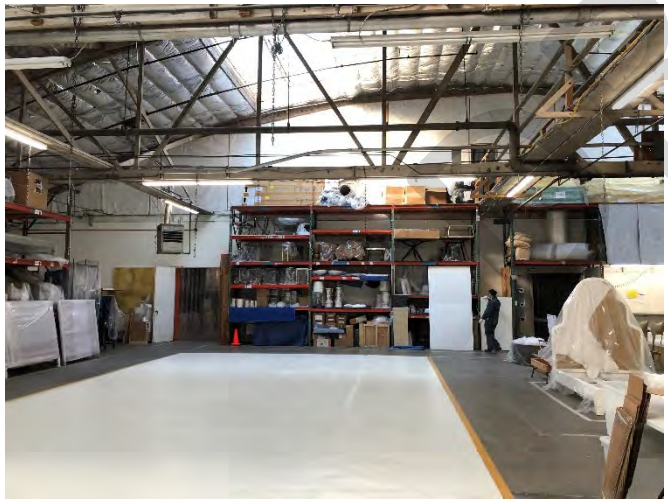


Photo 11: Eastern area of the Ironies warehouse, located at 2222 Fifth Street.

Photo 12: Paint washing basin inside Ironies. Waste is collected in 55-gallon drums for offsite disposal.

Photo 13: Hazardous waste storage area at Ironies.

Photo 14: Flammable materials storage cabinets at Ironies.

Photo 15: Spray booth at Ironies.

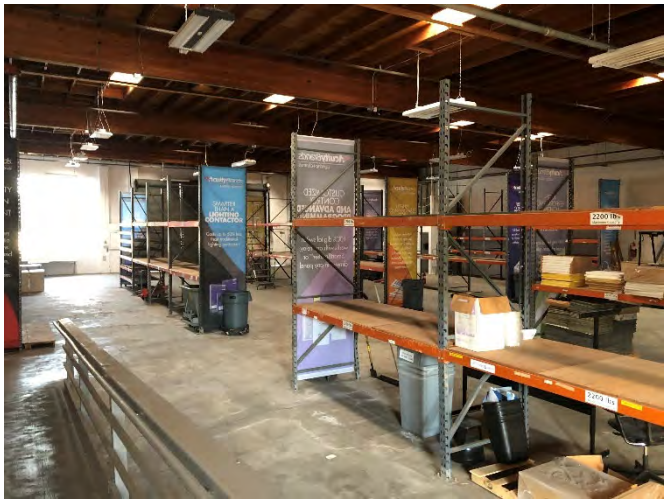


Photo 16: Large warehouse located in the southeast corner of the subject site (formerly Acuity Brands Lighting) at 2246 Fifth Street.

Photo 17: Former laboratory equipment and empty flammable material cabinet located in the 2246 Fifth Street warehouse.

Photo 18: Storm drain located in the parking lot of the former Acuity Brands Lighting facility.

Photo 19: Sump located in the northwest corner of the former Acuity Brands Lighting parking lot.

Photo 20: Two 55-gallon drums containing soil cuttings from a 2019 Phase II investigation, located in the parking lot.

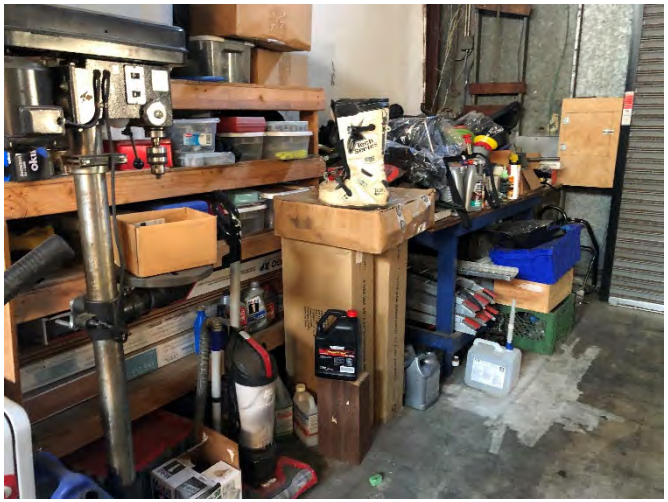


Photo 21: Motor oil and other car care products stored in the 705 Bancroft Way building.

Photo 22: Several containers of paints, paint thinner, and other chemicals observed at 705 Bancroft Way.

Photo 23: Glass blowing shop at 701 Bancroft Way.

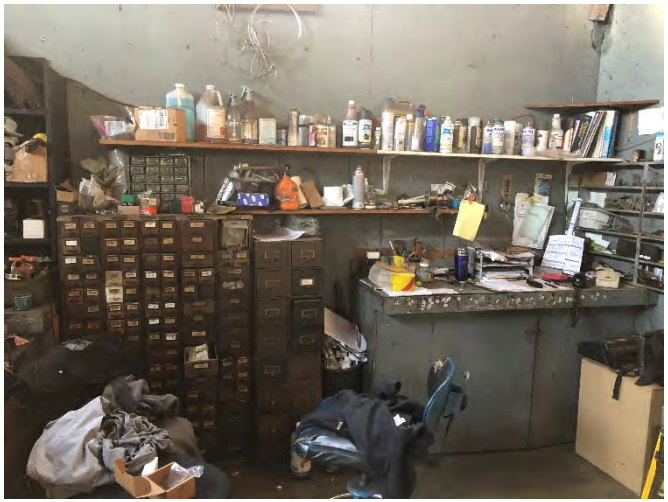


Photo 24: Small amounts of various chemicals located in the metal fabrication shop at 705A Bancroft Way.

Photo 25: Interior of 701 Bancroft Way building including several small containers of gasoline.

Photo 26: Auto repair area located in the north side of the 701 Bancroft Way warehouse.

Photo 27: Vehicle storage and de minimis staining located in the northeast corner of the 701 Bancroft Way warehouse.

Photo 28: Trash and debris located on the west side of the 705 Bancroft Way building.

Photo 29: Stained soil located behind the 705 Bancroft Way building.

Photo 30: Containers of paint stripper located behind the 705 Bancroft Way building.

Photo 31: 705 Bancroft Way's waste paint storage area, located in the parking lot in the southwest corner of the subject site.

Photo 32: 55-gallon drums containing soil cuttings and purged groundwater from a 2019 Phase II investigation.

Photo 33: Dalvin Coatings is the adjacent property to the northwest of the subject site.

Photo 34: The subject site is bounded to the west by the Amtrak/Union Pacific Railroad.

Photo 35: Groundwater monitoring well located on the corner of Bancroft Way and Fourth Street.

Photo 36: Adjacent parking lot area to the northeast of the subject site.

HALEY ALDRICH

www.haleyaldrich.com

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT
WEST BERKELEY PROJECT
BERKELEY, CALIFORNIA

by
Haley & Aldrich, Inc.
Walnut Creek, California

for
SteelWave, LLC
San Francisco, California

File No. 134361-003
January 2020

Haley & Aldrich, Inc.
2033 N. Main Street
Suite 309
Walnut Creek, CA 94596
925.949.1012

3 January 2020
File No. 134361-003

SteelWave, LLC
101 California Street, Suite 800
San Francisco, California 94111

Attention: Mr. Steve Dunn

Subject: Limited Phase II Environmental Investigation Report
West Berkeley Project
Berkeley, California

Dear Mr. Dunn:

Haley & Aldrich, Inc., (Haley & Aldrich) is pleased to present Limited Phase II Environmental Investigation Report for the West Berkeley Project site located on two contiguous city blocks in Berkeley, California. This investigation was performed as per our Proposal for Limited Phase II Site Investigation, West Berkeley Project, Berkeley, California, dated 22 November 2019.

Please feel free to contact us if you have any questions.

Sincerely yours,
HALEY & ALDRICH, INC.

Adam Piestrzeniewicz, P.G. #9669 (CA)
Senior Geologist

Jason Grant, P.E. #64624 (CA)
Senior Project Manager

\\haleyaldrich.com\share\CF\Projects\134361\134361-003\Deliverables\Limited Phase II Site Investigation Report\2020_0103_HAI-Steelwave_West Berkeley_Phase II_Report_D2.docx

Haley & Aldrich, Inc.
2033 N. Main Street
Suite 309
Walnut Creek, CA 94596
925.949.1012

SIGNATURE PAGE FOR

LIMITED PHASE II ENVIRONMENTAL INVESTIGATION REPORT
WEST BERKELEY PROJECT
BERKELEY, CALIFORNIA

PREPARED FOR
STEELWAVE, LLC
SAN FRANCISCO, CALIFORNIA 94111

PREPARED BY:

Adam Piestrzeniewicz, P.G. #9669 (CA)
Senior Geologist
Haley & Aldrich, Inc.

REVIEWED AND APPROVED BY:

Jason Grant, P.E. #64624 (CA)
Senior Project Manager
Haley & Aldrich, Inc.

Table of Contents

List of Tables

List of Figures

1. Introduction

Haley & Aldrich, Inc., (Haley & Aldrich) performed a Limited Phase II Environmental Investigation at the property located on two contiguous city blocks in Berkeley, California, that are generally bounded by Allston Way to the north, Fifth Street to the east, Bancroft Way to the south, and the Union Pacific and Amtrak Railroad corridor to the west (Site; Figure 1). This investigation was performed on behalf SteelWave, LLC (SteelWave) as per our Proposal for Limited Phase II Site Investigation, West Berkeley Project, Berkeley, California, dated 22 November 2019. The purpose of this investigation was to:

- Provide soil characterization data to evaluate whether adverse environmental conditions may exist that could affect the Site's potential redevelopment plans; and
- Provide soil characterization data for planning the proper handling and disposal of soil encountered during potential construction activities.

1.1 PROJECT BACKGROUND

The Site is approximately 5.5 acres in a commercial and industrial use area. Adjacent sites include similar commercial and industrial properties as well as the Union Pacific and Amtrak Railroad corridor located immediately west of the Site. The Site consists of several large warehouse buildings, smaller warehouses, a single-family residential building, and parking lots, all located on two contiguous city blocks (referred to as the "West Block" and "East Block"; Figure 2). The Site consists of multiple tenants, including an online wine retail business, a furniture fabrication business, and several light industrial warehouses and workshops.

SteelWave's redevelopment plans for the Site include grading and shallow soil excavation for utility trenches, building footings, and other improvements, and the excavated soil will therefore require disposal. Haley & Aldrich recently completed a Phase I Environmental Site Assessment (Phase I) for the Site (Haley & Aldrich, 2019). Based on the Phase I findings, the proposed grading and shallow soil excavation areas may be impacted based on historical activities, including the operation of a foundry and agricultural greenhouses. The objective of the limited Phase II investigation was to characterize the soil conditions in the areas to be excavated to determine if these historical activities may have adversely impacted this soil and therefore require special on-Site handling and off-Site disposal procedures, including the possible generation of hazardous waste.

The Site is underlain by fine-grained alluvial soils consisting primarily of clays and silts with some silty fine to medium grained sands and scattered fine gravel. Groundwater was not encountered during the investigation, but based on available data, groundwater beneath the Site is encountered at approximately 10 to 14 feet below ground surface (bgs) and flows toward the west/northwest.

2. Field Investigation

Haley & Aldrich conducted soil sampling activities in December 2019 to characterize the existing subsurface conditions within areas of the Site where historical activities or features may pose an environmental concern. Relevant historical Site features evaluated for their potential subsurface impact to the Site through this Phase II Investigation included: 1) a former foundry area; 2) a former and previously removed underground storage tank; and 3) a former agricultural area. The relevant historical features and Phase II Investigation sampling locations are shown on Figure 2.

2.1 PRE-FIELD ACTIVITIES

Underground Service Alert (USA) was notified as required, and Precision Locating, LLC, cleared the drilling locations prior to conducting the subsurface work. A drilling permit was obtained from the City of Berkeley Planning and Development Department, Toxics Management Division. A Site-specific Health and Safety Plan was also prepared to help ensure worker safety during the field activities.

2.2 SOIL INVESTIGATION

Haley & Aldrich contracted Environmental Control Associates, Inc., a California C-57 licensed driller, to complete the soil borings. To minimize the risk of encountering unmarked and undetected underground utilities during drilling and ensure the health and safety of workers, each boring was advanced by hand auger or soil probe to a depth of five feet bgs. Five borings (B-1 through B-5) were advanced by a truck-mounted GeoProbe™ direct-push technology drill rig to collect soil samples. Borings B-1 and B-2 were advanced in the northern portion of the East Block where historical agricultural operations were identified; borings B-3, B-4, and B-5 were advanced in the southwestern corner of the West Block within a former foundry operations area and active auto mechanic and glass works facility (Figure 2). Boring B-3 was advanced adjacent to the former underground storage tank. A sixth boring was proposed in the southwestern corner of the West Block but was not advanced because of access issues. This proposed boring was outside of the former foundry footprint and active facilities and was not considered critical for the investigation.

Recovered soil was screened with a photoionization detector (PID) and logged in the field in accordance with the visual-manual procedures of American Society for Testing and Materials (ASTM) Standard D-2488-09a. Samples were collected from depths of 1, 3, and 9 feet bgs. No visual or olfactory impacts or PID detections were observed while logging and screening the recovered soil.

All samples were collected following standard environmental sampling and handling procedures and submitted under standard chain of custody documentation to Pace Analytical of Mt. Juliet, Tennessee. Pace Analytical analyzed the samples following the appropriate U.S. Environmental Protection Agency (EPA) Methods.

Once the sampling program had been completed, the borings were backfilled with neat cement grout. Haley & Aldrich received permission from the City of Berkeley Planning and Development Department, Toxics Management Division to backfill borings without an inspector present because the inspector was unavailable. All down-hole equipment was decontaminated prior to starting each new boring location by washing the equipment with laboratory grade detergent and water followed by a water rinse.

The generated investigation-derived waste (IDW) consisted of soil cuttings placed in one 55-gallon drum. One composite sample was collected for waste characterization. The IDW drum is properly labeled and temporarily stored on-Site pending proper off-Site disposal.

Field documentation, including the City of Berkeley Planning and Development Department, Toxics Management Division drilling permit and Haley & Aldrich's soil boring logs, are provided in Appendix A.

3. Analytical Results

Soil samples were analyzed for the following analytes:

- California Title 22 Metals using EPA Method 6010B/7471A (all samples);
- Organochlorine pesticides using EPA Method 8081A (1 foot bgs samples only);
- Volatile organic compounds (VOCs) and total petroleum hydrocarbons (TPH) as gasoline using EPA Method 8260B; these samples were collected and preserved using EPA Method 5035 (1 foot bgs samples only; four former foundry area borings only); and
- TPH as diesel and motor oil using EPA Method 8015B (all samples).

The soil analytical results were compared to the soluble threshold limit concentration (STLC), total threshold limit concentration (TTLC), and toxicity characteristic leaching procedure as well as the Commercial/Industrial: Shallow Soil Exposure and Construction Worker: Any Land Use / Any Depth Soil Exposure environmental screening levels (ESLs) published in July 2019 (Revision 2) by the San Francisco Bay Regional Water Quality Control Board (SFRWQCB). The commercial/industrial ESLs were selected for comparison based on the proposed Site redevelopment.

Detected analytical results from the soil sampling activities are presented in Table 1 (only detected constituents are shown). The laboratory analytical reports are provided in Appendix B. The following sections summarize the soil data screened against ESLs and waste disposal criteria.

3.1 COMMERCIAL/INDUSTRIAL: SHALLOW SOIL EXPOSURE

The soil analytical results were compared to the SFRWQCB commercial/industrial shallow exposure ESLs. All detected analytes were below their respective commercial/industrial shallow exposure ESLs, except for arsenic. Although the results for arsenic in soil exceed its commercial/industrial ESL, all of the detected concentrations were below the upper estimate for background arsenic concentration of 11 milligrams per kilogram established by the SFRWWQCB for soil in the region (Diverge, 2011). Organochlorine pesticides were not detected above the reporting limit for any of the samples, and the detected TPH and VOC concentrations were all below the commercial/industrial shallow exposure ESL. Based on the soil results, additional mitigation measures would not be required if the Site were to remain commercial/industrial.

3.2 DISPOSAL CLASSIFICATION

Requirements of Title 22 of the California Code of Regulations, Division 4.5, Chapter 11 were used to evaluate how soil removed from the Site would be classified for disposal. The total concentrations of all constituents in all soil samples were below the TTLC. Based on experience, a California Waste Extraction Test (WET) is typically performed if the total concentrations of a constituent in soil exceeds 10 times the absolute value of the STLC. The total chromium concentrations for all but one soil samples exceeded 10 times its STLC; a WET was therefore performed for chromium on the two samples with the highest chromium concentrations (B-1 at 3 feet bgs and B-4 at 1 foot bgs). The lead results for one sample (B-2 at 1 foot bgs) also exceeded 10 times its STLC; a WET was therefore performed for lead on the 1 foot bgs

sample collected at B-2. The WET results were all below the respective STLC for chromium and lead, thereby classifying the soil as non-hazardous waste.

4. Conclusions and Recommendations

Site soil conditions in the areas investigated are not anticipated to impact the proposed Site redevelopment. Based on the analytical data for the collected soil samples, soil excavated from the investigated areas should be classified as non-hazardous waste. The results presented herein should not be used for waste characterization purposes, and excavated soil should be properly stockpiled, sampled, and analyzed for waste disposal characterization prior to disposal. A Site Management Plan (SMP) outlining soil handling and disposal requirements is recommended prior to excavating soil. Additionally, as the Site's proposed redevelopment activities will expose soil from other areas of the Site not evaluated, the SMP would specify appropriate procedures should conditions with potential environmental concerns be uncovered.

References

1. Duvergé, 2011. “Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region,” December.

2. Haley & Aldrich, Inc., 2019. “Report on ASTM Phase I Environmental Site Assessment, West Berkeley Project, Berkeley, California,” 18 November.

3. San Francisco Bay Regional Water Quality Control Board (SFRWQCB), 2019. “User’s Guide: Derivation and Application of Environmental Screening Levels, Revision 2.” Oakland, CA. July.

\\haleyaldrich.com\share\CF\Projects\134361\134361-003\Deliverables\Limited Phase II Site Investigation Report\2020_0103_HAI-Steelwave_West Berkeley_Phase II_Report_D2.docx

TABLES

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
STEELWAVE WEST BERKELEY
BERKELEY, CALIFORNIA

Analyte	Comm./ Indust. ESL	10x STLC	20x TCLP	STLC	TTLC	Location ID	B-1			B-2		
						Sample ID	B-1-SS-1.0-121119	B-1-SS-3.0-121119	B-1-SS-3.0-121119	B-1-SS-9.0-121119	B-2-SS-1.0-121119	B-2-SS-1.0-121119	B-2-SS-3.0-121119
						Sample Date	12/11/2019	12/11/2019	12/11/2019	12/11/2019	12/11/2019	12/11/2019	12/11/2019
						Sample Depth (feet bgs)	1.0	3.0	3.0	9.0	1.0	1.0	3.0
Metals (mg/kg)													
Antimony	160	150	--	--	500		**1.25 J**	**1.31 J**	--	**0.978 J**	**0.929 J**	--	**1.00 J**
Arsenic	0.31	50	100	--	500		**4.88**	**4.09**	--	**10.7**	**2.47**	--	**2.46**
Barium	220,000	1,000	2,000	--	10,000		**185**	**187**	--	**159**	**177**	--	**130**
Beryllium	230	7.5	--	--	75		**0.756**	**0.747**	--	**0.433**	**0.430**	--	**0.568**
Cadmium	1,100	10	20	--	100		**0.109 J**	**0.178 J**	--	**0.270 J**	**0.245 J**	--	**0.173 J**
Chromium	--	50	100	--	2,500		**64.2**	**70.1**	--	**61.2**	**38.0**	--	**66.7**
Cobalt	350	800	--	--	8,000		**47.0**	**14.4**	--	**16.7**	**9.72**	--	**9.21**
Copper	47,000	250	--	--	2,500		**21.2**	**25.5**	--	**32.3**	**20.9**	--	**23.2**
Lead	320	50	100	--	1,000		**6.83**	**4.29**	--	**5.55**	**71.9**	--	**3.80**
Mercury	190	2.0	4.0	--	20		**0.160**	**0.0514**	--	**0.0308 J**	**0.311**	--	**0.211**
Molybdenum	5,800	3,500	--	--	3,500		**1.27**	**0.380 J**	--	**0.505 J**	**0.360 J**	--	**0.302 J**
Nickel	11,000	200	--	--	2,000		**44.5**	**71.6**	--	**46.8**	**29.8**	--	**49.8**
Selenium	5,800	10	20	--	100		< 0.763	< 0.773	--	< 0.714	< 0.755	--	< 0.750
Silver	5,800	50	100	--	500		< 0.148	< 0.150	--	< 0.138	< 0.146	--	< 0.145
Thallium	12	70	--	--	700		< 0.800	< 0.810	--	< 0.749	< 0.791	--	< 0.786
Vanadium	5,800	240	--	--	2,400		**77.9**	**84.9**	--	**89.9**	**43.9**	--	**56.4**
Zinc	350,000	2,500	--	--	5,000		**41.7**	**57.6**	--	**66.7**	**78.9**	--	**48.1**
Soluble Threshold Limit Concentration (µg/L)													
Chromium	--	--	--	5,000	2,500		--	--	**94.2**	--	--	--	--
Lead	--	--	--	5,000	1,000		--	--	--	--	--	**615**	--
Total Petroleum Hydrocarbons (mg/kg)													
Total Petroleum Hydrocarbons (C12-C22)	--	--	--	--	--		< 0.903	< 0.914	--	< 0.844	< 0.892	--	< 0.887
Total Petroleum Hydrocarbons (C22-C32)	--	--	--	--	--		< 1.64	< 1.66	--	< 1.53	**4.18 J**	--	< 1.61
Total Petroleum Hydrocarbons (C32-C40)	--	--	--	--	--		< 1.64	< 1.66	--	< 1.53	**4.53 J**	--	**2.13 J**
Total Petroleum Hydrocarbons (C5-C12) GRO	--	--	--	--	--		--	--	--	--	--	--	--
Volatile Organic Compounds (mg/kg)													
2-Butanone (Methyl Ethyl Ketone)	200,000	--	4,000	--	--		--	--	--	--	--	--	--
Acetone	670,000	--	--	--	--		--	--	--	--	--	--	--
Benzene	1.4	--	10	--	--		--	--	--	--	--	--	--
Toluene	5,300	--	--	--	--		--	--	--	--	--	--	--

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
STEELWAVE WEST BERKELEY
BERKELEY, CALIFORNIA

Analyte	Comm./ Indust. ESL	10x STLC	20x TCLP	STLC	TTLC	Location ID	B-2	B-3			B-4		
						Sample ID	B-2-SS-9.0-121119	B-3-SS-1.0-121119	B-3-SS-3.0-121119	B-3-SS-9.0-121119	B-4-SS-1.0-121119	B-4-SS-1.0-121119	B-4-SS-3.0-121119
						Sample Date	12/11/2019	12/11/2019	12/11/2019	12/11/2019	12/11/2019	12/11/2019	12/11/2019
						Sample Depth (feet bgs)	9.0	1.0	3.0	9.0	1.0	1.0	3.0
Metals (mg/kg)													
Antimony	160	150	--	--	500		**1.18 J**	< 0.952	< 0.926	**1.55 J**	< 0.942	--	< 0.903
Arsenic	0.31	50	100	--	500		**4.99**	**1.49 J**	< 0.568	**6.06**	**1.99 J**	--	< 0.554
Barium	220,000	1,000	2,000	--	10,000		**163**	**163**	**361**	**124**	**247**	--	**257**
Beryllium	230	7.5	--	--	75		**0.557**	**0.668**	**0.574**	**0.421**	**0.714**	--	**0.517**
Cadmium	1,100	10	20	--	100		**0.156 J**	**0.0897 J**	**0.104 J**	**0.200 J**	**0.183 J**	--	**0.141 J**
Chromium	--	50	100	--	2,500		**67.8**	**68.3**	**56.1**	**53.2**	**69.2**	--	**67.2**
Cobalt	350	800	--	--	8,000		**19.1**	**11.5**	**7.70**	**15.3**	**12.4**	--	**11.3**
Copper	47,000	250	--	--	2,500		**27.3**	**25.9**	**20.2**	**24.1**	**26.3**	--	**21.4**
Lead	320	50	100	--	1,000		**6.01**	**5.44**	**4.62**	**5.72**	**8.02**	--	**4.76**
Mercury	190	2.0	4.0	--	20		**0.0475**	**0.0259 J**	**0.0272 J**	**0.0372 J**	**0.0320 J**	--	**0.0418**
Molybdenum	5,800	3,500	--	--	3,500		**0.523 J**	< 0.203	< 0.197	**0.394 J**	< 0.201	--	< 0.193
Nickel	11,000	200	--	--	2,000		**77.3**	**54.2**	**54.2**	**58.1**	**49.9**	--	**61.0**
Selenium	5,800	10	20	--	100		< 0.769	< 0.787	< 0.765	< 0.768	< 0.779	--	< 0.746
Silver	5,800	50	100	--	500		< 0.149	< 0.152	< 0.148	< 0.149	< 0.151	--	< 0.144
Thallium	12	70	--	--	700		< 0.807	< 0.825	< 0.802	< 0.805	< 0.816	--	< 0.782
Vanadium	5,800	240	--	--	2,400		**73.2**	**63.6**	**42.2**	**64.7**	**66.6**	--	**54.8**
Zinc	350,000	2,500	--	--	5,000		**53.3**	**47.6**	**45.3**	**52.2**	**41.9**	--	**60.2**
Soluble Threshold Limit Concentration (µg/L)													
Chromium	--	--	--	5,000	2,500		--	--	--	--	--	**190**	--
Lead	--	--	--	5,000	1,000		--	--	--	--	--	--	--
Total Petroleum Hydrocarbons (mg/kg)													
Total Petroleum Hydrocarbons (C12-C22)	--	--	--	--	--		**1.87 J**	< 0.931	< 0.905	< 0.908	**1.65 J**	--	< 0.882
Total Petroleum Hydrocarbons (C22-C32)	--	--	--	--	--		**1.92 J**	**1.77 J**	< 1.64	< 1.65	**4.41 J**	--	< 1.60
Total Petroleum Hydrocarbons (C32-C40)	--	--	--	--	--		< 1.65	< 1.69	< 1.64	< 1.65	**3.49 J**	--	< 1.60
Total Petroleum Hydrocarbons (C5-C12) GRO	--	--	--	--	--		--	**0.0514 J**	--	--	**0.0762 J**	--	--
Volatile Organic Compounds (mg/kg)													
2-Butanone (Methyl Ethyl Ketone)	200,000	--	4,000	--	--		--	**0.0324**	--	--	**0.0264 J**	--	--
Acetone	670,000	--	--	--	--		--	**0.0704**	--	--	**0.0406**	--	--
Benzene	1.4	--	10	--	--		--	**0.00177**	--	--	< 0.000522	--	--
Toluene	5,300	--	--	--	--		--	**0.0169**	--	--	**0.0124**	--	--

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
STEELWAVE WEST BERKELEY
BERKELEY, CALIFORNIA

					Location ID	**B-4**	**B-5**		
					Sample ID	B-4-SS-9.0-121119	B-5-SS-1.0-121119	B-5-SS-3.0-121119	B-5-SS-9.0-121119
					Sample Date	12/11/2019	12/11/2019	12/11/2019	12/11/2019
					Sample Depth (feet bgs)	9.0	1.0	3.0	9.0
Analyte	**Comm./ Indust. ESL**	**10x STLC**	**20x TCLP**	**STLC**	**TTLC**				
Metals (mg/kg)									
Antimony	160	150	--	--	500	< 0.886	**1.30 J**	**0.936 J**	**1.27 J**
Arsenic	0.31	50	100	--	500	**2.41**	**1.84 J**	**3.40**	**3.76**
Barium	220,000	1,000	2,000	--	10,000	**158**	**133**	**111**	**124**
Beryllium	230	7.5	--	--	75	**0.455**	**0.489**	**0.404**	**0.521**
Cadmium	1,100	10	20	--	100	**0.240 J**	**0.127 J**	**0.162 J**	**0.124 J**
Chromium	--	50	100	--	2,500	**55.5**	**63.3**	**54.0**	**60.1**
Cobalt	350	800	--	--	8,000	**26.2**	**12.0**	**10.7**	**14.6**
Copper	47,000	250	--	--	2,500	**21.9**	**20.5**	**20.1**	**20.0**
Lead	320	50	100	--	1,000	**6.26**	**16.5**	**5.61**	**6.78**
Mercury	190	2.0	4.0	--	20	**0.0376**	**0.0637**	**0.0286 J**	**0.0269 J**
Molybdenum	5,800	3,500	--	--	3,500	**0.277 J**	< 0.188	< 0.187	**0.349 J**
Nickel	11,000	200	--	--	2,000	**87.5**	**57.0**	**41.9**	**67.0**
Selenium	5,800	10	20	--	100	< 0.733	< 0.728	< 0.726	< 0.726
Silver	5,800	50	100	--	500	< 0.142	< 0.141	< 0.140	< 0.141
Thallium	12	70	--	--	700	< 0.768	< 0.763	< 0.761	< 0.761
Vanadium	5,800	240	--	--	2,400	**54.9**	**49.3**	**45.4**	**60.1**
Zinc	350,000	2,500	--	--	5,000	**38.0**	**46.2**	**39.9**	**40.6**
Soluble Threshold Limit Concentration (µg/L)									
Chromium	--	--	--	5,000	2,500	--	--	--	--
Lead	--	--	--	5,000	1,000	--	--	--	--
Total Petroleum Hydrocarbons (mg/kg)									
Total Petroleum Hydrocarbons (C12-C22)	--	--	--	--	--	< 0.866	**3.15 J**	**0.871 J**	< 0.858
Total Petroleum Hydrocarbons (C22-C32)	--	--	--	--	--	< 1.57	**35.0**	**4.76**	< 1.56
Total Petroleum Hydrocarbons (C32-C40)	--	--	--	--	--	< 1.57	**31.3**	**4.21 J**	< 1.56
Total Petroleum Hydrocarbons (C5-C12) GRO	--	--	--	--	--	--	**0.180**	--	--
Volatile Organic Compounds (mg/kg)									
2-Butanone (Methyl Ethyl Ketone)	200,000	--	4,000	--	--	--	**0.0256 J**	--	--
Acetone	670,000	--	--	--	--	--	**0.0648**	--	--
Benzene	1.4	--	10	--	--	--	**0.000567 J**	--	--
Toluene	5,300	--	--	--	--	--	**0.0169**	--	--

TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
STEELWAVE WEST BERKELEY
BERKELEY, CALIFORNIA

Notes:

Only concentrations detected above the detection limit are shown
Screening Levels: Federal (RCRA-TCLP) and State (Title 22-STLC) Hazardous Waste Criteria, EPAESLs for Commercial and Industrial Shallow Soil Exposure and EPA Construction Worker Any Land Use from Table S-1
Volatile Organic Compounds (VOCs) analyzed by EPA Method 8260B
Metals analyzed by EPA Method 6010B/7471A
Total Petroleum Hydrocarbons analyzed by EPA Method 8015
Pesticides analyzed by EPA Method 8081
Total Solids analyzed by EPA Method 2540G
Orange highlight = Result exceeds the Construction Worker ESL
Green highlight = Result exceeds the commercial/industrial ESL
Blue highlight = Result exceeds 10x the STLC threshold

Abbreviations:

< = Analyte not detected above the referenced detection limit
-- = Not applicable
mg/kg = Milligrams per kilogram
µg/L = Micrograms per liter
ft bgs = Feet below ground surface
J = Estimated result
RCRA = Resource Conservation and Recovery Act
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration
TCLP = Toxicity Characteristic Leaching Procedure

FIGURES

HALEY ALDRICH

STEELWAVE WEST BERKELEY PROJET
BERKELEY, CALIFORNIA

PROJECT LOCUS

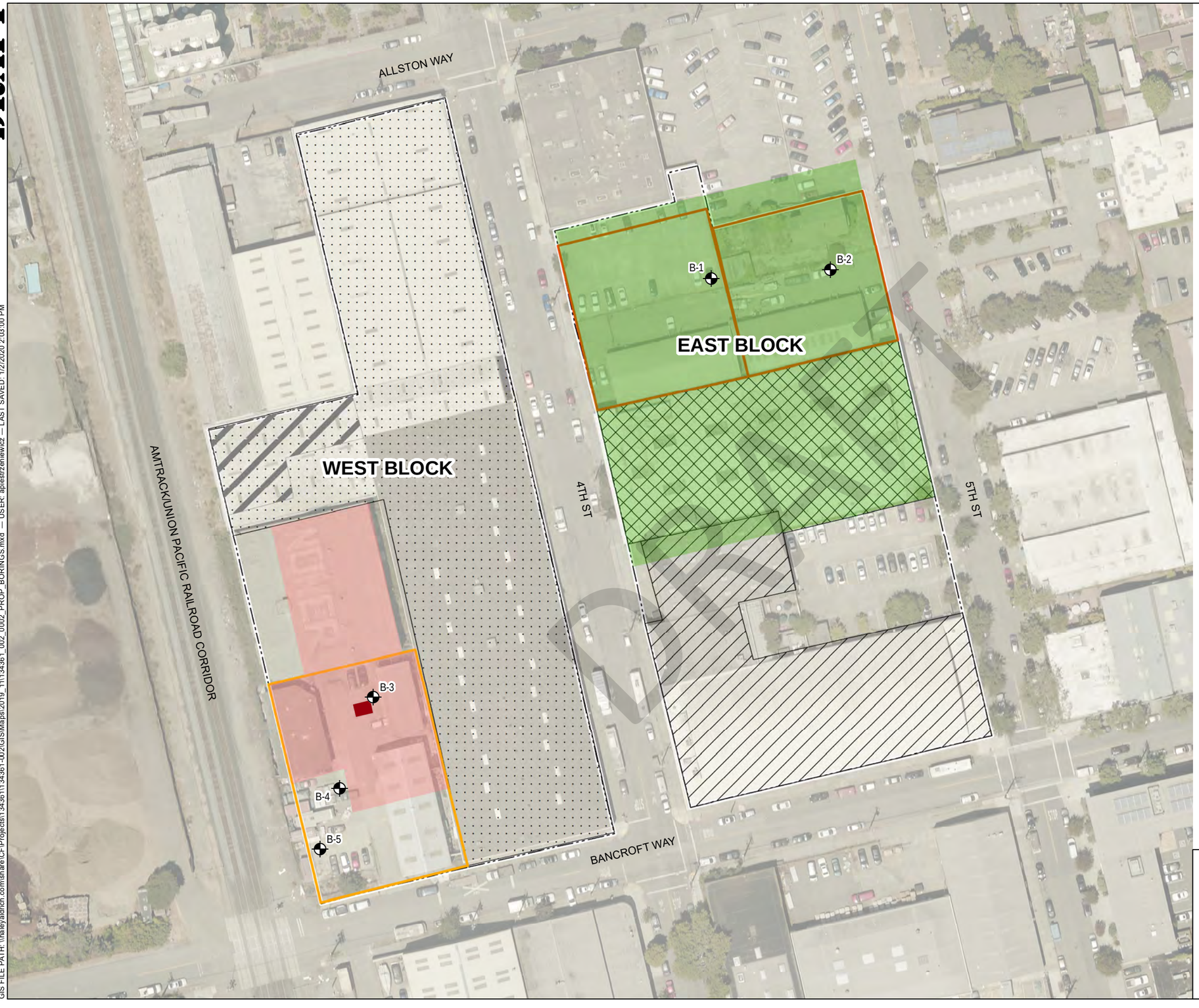
MAP SOURCE: ESRI
SITE COORDINATES: 37°51'49"N, 122°17'52"W

APPROXIMATE SCALE: 1 IN = 2000 FT
JANUARY 2020

FIGURE 1

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\134361\134361-002\GIS\Maps\2019_11\134361_002_0001_PROJECT_LOCUS.mxd — USER: apiestrzeniewicz — LAST SAVED: 12/2020 2:02:55 PM

DRAFT



LEGEND

- SHALLOW SOIL BORING
- FORMER UST
- FORMER FOUNDRY
- FORMER AGRICULTURAL
- PROPOSED GRADING AND SHALLOW EXCAVATION AREA - WEST BLOCK
- PROPOSED GRADING AND SHALLOW EXCAVATION AREA - EAST BLOCK
- FORMER ACUITY BRANDS LIGHTING
- IRONIES FABRICATION ASSEMBLY
- WINE.COM
- FORMER PEERLESS ELECTRIC SITE
- SITE BOUNDARY

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. ASSESSOR PARCEL DATA SOURCE: ALAMEDA COUNTY
3. AERIAL IMAGERY SOURCE: EAGLEVIEW, 2017
4. BGS = BELOW GROUND SURFACE

N

0 80 160
SCALE IN FEET

HALEY ALDRICH

STEELWAVE WEST BERKELEY PROJECT
BERKELEY, CALIFORNIA

SITE PLAN

JANUARY 2020

FIGURE 2

GIS FILE PATH: \\haleyaldrich.com\share\CF\Projects\134361\134361-002\GIS\Maps\2019_11\134361_002_0002_PROP_BORINGS.mxd — USER: apiestrzeniewicz — LAST SAVED: 1/2/2020 2:03:00 PM

APPENDIX A

City of Berkeley Exploratory Boring Permit and Boring Logs

CITY OF BERKELEY

RECEIVED

DEC 05 2019

TOXICS MANAGEMENT DIVISION

Planning and Development Department
Toxics Management Division
A Certified Unified Program Agency

TMD Use Only

Permit No.: 20-EB-40 *(expires 120 days from approval)*
Permit Fee: $960 **Check #:**
Approved by: **Date:** 12/6/19
Admin: Contractor Licenses – Reviewed by: PM
Geo/Eng license (Y) / N CoB Business Y / (N)
Driller license (Y) / N CoB Business (Y) / N
Documents Scanned by:

Revised 7/10/2018

SUBSURFACE DRILLING PERMIT APPLICATION

Purpose of Application	☐ Groundwater Monitoring/Vapor Well **Installation** ☐ Groundwater Monitoring/Vapor Well **Destruction** (Provide approval letter from oversight agency) ☐ Well **Modification** (pumps, vacuums, probes, elevation, etc.) **Number of Wells:**	■ Soil Borings, probes, sampling points **Number of Borings:** 6 ☐ Extension of Permit #

Name of Facility: Herst Properties	
Address: 2214 4th Street, 2222 5th Street, 705 Bancroft Way, Berkeley CA 94710	
Business Telephone: 510-923-6247	Emergency Telephone: 510-913-6247

Property Owner: Herst Properties	
Owner Address: 747 Bancroft Way, Berkeley, CA 94710	

Supervising Geological or Engineering Co.: Haley & Aldrich, Inc.		City of Berkeley Business Lic #: N/A
Address/City: 2033 N. Main Street Suite 309, Walnut Creek, CA 94596		
Geol/Eng Lic. #: CA PG #9669	Tel.: 714-371-1805	Fax: 925-979-1456
Contact Person: Adam Piestrzeniewicz	Email: apiestrzeniewicz@haleyaldrich.com	

Drilling Co.: Environmental Control Associates			City of Berkeley Business Lic #: BL-002431
Address/City: 3011 Twin Palms Drive, Aptos, CA 95003			
C-57 License #: 695970	Exp. Date: 9/30/20	Tel.: 831-662-8178	Fax: 831-662-8179
Local Contact Person: Timothy B. Tyler		Email: tbtyler@sbcglobal.net	

Construction/Destruction Specifications (attach information as needed for multiple construction types)		
Borehole/Well Casing Diameter: 2.25 in.		Gauge of Well Casing: N/A
Borehole/Well Depth: 10 ft. bgs	Well Screen type: N/A	Slot Size: N/A
Type of grout (specify mix or product): Neat cement grout (94 lbs Portland cement and 6 gallons water)		

- **Provide a scaled plan** identifying the proposed drilling locations, property boundaries, streets, structures, pollution source areas.
- Call the Toxics Management Division (TMD) at (510) 981-7460 to schedule an inspection of the grout sealing of wells, probes and boreholes. **Notify TMD a minimum of two (2) working days in advance** of first scheduled day of drilling
- This permit is subject to the Conditions of Approval stated on the following page.

I certify that I have prepared this application and that the work will be done in accordance with the conditions of this permit, the provisions of the laws of the State of California, including State Water Well Standards, and the ordinances and the rules and regulations of the City of Berkeley.

Signed Adam Piestrzeniewicz Representing Haley & Aldrich Date 12/3/19

FEES: First Well/Each add'l: $420/$150 First Soil Boring/Each add'l: $210/$150

HALEY ALDRICH

TEST BORING REPORT

BORING NO. B-1

Page 1 of 1

PROJECT	Steelwave - West Berkeley	H&A FILE NO.	134361-003
LOCATION	Berkeley, CA	PROJECT MGR.	J Grant
CLIENT	Steelwave - West Berkeley	FIELD REP.	A Piestrzeniewicz
CONTRACTOR	ECA	DATE STARTED	12/11/19
DRILLER	D. Sprinkle	DATE FINISHED	12/11/19

Elevation	Datum	Boring Location			PID Make / Model:	
Item	asir	Sampler	Core Barrel	Rig Make & Model	Hammer Type	Drilling Mud	Casing Advance
Type		S		☑ Truck ☐ Tripod ☐ Cat-Head	☐ Safety	☐ Bentonite	Type Method Depth
Inside Diameter (in.)		1 3/8		☐ ATV ☑ Geoprobe ☐ Winch	☐ Doughnut	☐ Polymer	
Hammer Weight (lb.)		140		☐ Track ☐ Air Track ☐ Roller Bit	☐ Automatic	☐ None	Direct Push
Hammer Fall (in.)		30		☐ Skid ☐ ☐ Cutting Head	Drilling Notes:		

Depth (ft.)	Sampler Blows per 6 in.	Sample Depth (ft.)	PID Reading	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0			0.0		CL	Surface: cracked concrete parking lot. Very dark gray (2.5 Y 3/1) LEAN CLAY WITH SAND (CL), fine sand, no odor, moist					15	85			M	M
		G	0.0			Dark grayish brown (2.5 Y 4/2), LEAN CLAY WITH SAND (CL), fine sand, no odor, damp.					15	85			M	M
			0.0	2	SM/ ML	Dark yellowish brown (10 YR 4/4) SILTY SAND WITH GRAVEL (SM) / SANDY SILT WITH GRAVEL (ML), fine gravel, no odor, damp, scattered brick fragments.		15		10	45	30				
		G	0.1													
			0.0													
5			0.0													
			0.0	6	SM	Dark yellowish brown (10 YR 4/4) SILTY SAND WITH GRAVEL (SM), fine gravel, no odor, moist, scattered brick fragments		15		10	45	30				
			0.1													
		G	0.1			increase in fine gravel content, moist to wet		15		10	50	25				
10						Total Depth: 10 ft bgs No groundwater encountered Backfilled with cement grout										
15																
20																

Water Level Data					Sample ID	Well Diagram	Summary
Date	Time	Depth in feet to: Bottom of Casing	Bottom of Hole	Water	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (Linear ft.) Rock Cored (Linear ft.) Number of Samples BORING NO.

Field Tests: R - Rapid S - Slow N - None; L - Low M - Medium H - High

Plasticity: N - Nonplastic L - Low M - Medium H - High

Dry Strength: N - None L - Low M - Meduim H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

TEST BORING REPORT

BORING NO. B-2

Page 1 of 1

PROJECT	Steelwave - West Berkeley	H&A FILE NO.	134361-003
LOCATION	Berkeley, CA	PROJECT MGR.	J Grant
CLIENT	Steelwave - West Berkeley	FIELD REP.	A Piestrzeniewicz
CONTRACTOR	ECA	DATE STARTED	12/11/19
DRILLER	D. Sprinkle	DATE FINISHED	12/11/19

Elevation	Datum	Boring Location			PID Make / Model:	
Item	asir	Sampler	Core Barrel	Rig Make & Model	Hammer Type	Drilling Mud	Casing Advance
Type		S		☑ Truck ☐ Tripod ☐ Cat-Head	☐ Safety	☐ Bentonite	Type Method Depth
Inside Diameter (in.)		1 3/8		☐ ATV ☑ Geoprobe ☐ Winch	☐ Doughnut	☐ Polymer	
Hammer Weight (lb.)		140		☐ Track ☐ Air Track ☐ Roller Bit	☐ Automatic	☐ None	Direct Push
Hammer Fall (in.)		30		☐ Skid ☐ ☐ Cutting Head	Drilling Notes:		

Depth (ft.)	Sampler Blows per 6 in.	Sample Depth (ft.)	PID Reading	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0			0.1		SM	Surface: Cracked asphalt Very dark grayish brown (2.5Y 3/2) SILTY SAND WITH GRAVEL (SM), fine gravel		15		10	45	30				
		G	0.0	1	CL	no odor, damp										
			0.0	1.5	ML	Very dark gray (2.5Y 3/1), LEAN CLAY (CL) clay, no odor, moist						100			M	M
		G	0.0	2.5	CL	Dark yellowish brown (10YR 4/4) SILT WITH SAND (ML), fine sand, no odor, damp, scattered fine gravel and brick					15	85			L	M
			0.0			Olive brown (2.5Y 4/3) LEAN CLAY (CL) silt, no odor, damp						100			M	M
5			0.0													
			0.1													
			0.0	0.5	ML	Dark yellowish brown (10YR 4/4) SANDY SILT WITH GRAVEL (ML), fine gravel, no odor, damp, scattered brick		15		10	10	65			L	M
			0.1	8	CL	Yellowish brown (10YR 5/4), LEAN CLAY WITH SAND (CL), fine sand, no odor, damp, scattered gravel and brick					15	85			L	M
		G	0.1													
10						Total Depth = 10 ft bgs No groundwater encountered Backfilled with cement grout										
15																
20																

Water Level Data					Sample ID	Well Diagram	Summary
Date	Time	Depth in feet to: Bottom of Casing	Bottom of Hole	Water	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe	Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (Linear ft.) Rock Cored (Linear ft.) Number of Samples BORING NO.

Field Tests: R - Rapid S - Slow N - None; L - Low M - Medium H - High

Plasticity: N - Nonplastic L - Low M - Medium H - High

Dry Strength: N - None L - Low M - Meduim H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

TEST BORING REPORT

BORING NO. B-3

Page 1 of 1

PROJECT	Steelwave - West Berkeley	H&A FILE NO.	134361-003
LOCATION	Berkeley, CA	PROJECT MGR.	J Grant
CLIENT	Steelwave - West Berkeley	FIELD REP.	A Piestrzeniewicz
CONTRACTOR	ECA	DATE STARTED	12/11/19
DRILLER	D. Sprinkle	DATE FINISHED	12/11/19

Elevation	Datum	Boring Location	PID Make / Model:

Item	asing	Sampler	Core Barrel
Type		S	
Inside Diameter (in.)		1 3/8	
Hammer Weight (lb.)		140	
Hammer Fall (in.)		30	

Rig Make & Model: ☑ Truck ☐ ATV ☐ Track ☐ Skid ☐ Tripod ☑ Geoprobe ☐ Air Track ☐ Cat-Head ☐ Winch ☐ Roller Bit ☐ Cutting Head

Hammer Type	Drilling Mud	Casing Advance
☐ Safety	☐ Bentonite	Type Method Depth
☐ Doughnut	☐ Polymer	Direct Push
☐ Automatic	☐ None	

Drilling Notes:

Depth (ft.)	Sampler Blows per 6 in.	Sample Depth (ft.)	PID Reading	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (density/consistency. color. GROUP NAME & SYMBOL. maximum particle size*. structure. odor. moisture. optional descriptions. geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0			0.0		CL	0 Surface: 1" deteriorated asphalt. Very dark gray (2.5Y 3/1), LEAN CLAY (CL), silt, no odor, damp						100			M	M
		G	0.0													
			0.0													
		G	0.0			Color change to dark grayish brown (2.5Y 4/2), scattered fine gravel and brick		5				95			L	M
			0.0													
5			0.0													
			0.0													
			0.1	7	ML	Yellowish brown (2.5Y 5/4), SILT WITH SAND (ML), fine sand, no odor, damp					20	80			L	M
			0.1			Yellowish brown (2.5Y 5/4) SANDY SILT WITH GRAVEL (ML), fine gravel, no odor, damp		15		15	15	55			L	M
		G	0.0			Yellowish brown (2.5Y 5/4), SILT WITH SAND (ML), fine sand, no odor, damp					15	85			L	M
10						Total Depth = 10 ft bgs. No groundwater encountered. Backfilled with cement grout.										
15																
20																

Water Level Data

Date	Time	Depth in feet to: Bottom of Casing	Bottom of Hole	Water

Sample ID

O Open End Rod
T Thin Wall Tube
U Undisturbed Sample
S Split Spoon Sample
G Geoprobe

Well Diagram

Riser Pipe
Screen
Filter Sand
Cuttings
Grout
Concrete
Bentonite Seal

Summary

Overburden (Linear ft.) _____
Rock Cored (Linear ft.) _____
Number of Samples _____

BORING NO.

Field Tests R - Rapid S - Slow N - None L - Low M - Medium H - High

Plasticity: N - Nonplastic L - Low M - Medium H - High
Dry Strength: N - None L - Low M - Meduim H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

TEST BORING REPORT

BORING NO. B-4

Page 1 of 1

PROJECT	Steelwave - West Berkeley	H&A FILE NO.	134361-003
LOCATION	Berkeley, CA	PROJECT MGR.	J Grant
CLIENT	Steelwave - West Berkeley	FIELD REP.	A Prestrzeniewicz
CONTRACTOR	ECA	DATE STARTED	12/11/19
DRILLER	D. Sprinkle	DATE FINISHED	12/11/19

Elevation	Datum	Boring Location			PID Make / Model:	
Item	asir	Sampler	Core Barrel	Rig Make & Model	Hammer Type	Drilling Mud	Casing Advance
Type		S		☑ Truck ☐ Tripod ☐ Cat-Head	☐ Safety	☐ Bentonite	Type Method Depth
Inside Diameter (in.)		1 3/8		☐ ATV ☑ Geoprobe ☐ Winch	☐ Doughnut	☐ Polymer	
Hammer Weight (lb.)		140		☐ Track ☐ Air Track ☐ Roller Bit	☐ Automatic	☐ None	Direct Push
Hammer Fall (in.)		30		☐ Skid ☐ ☐ Cutting Head	Drilling Notes:		

Depth (ft.)	Sampler Blows per 6 in.	Sample Depth (ft.)	PID Reading	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0			0.0		SM	0 Surface: 4" deteriorated asphalt Yellowish brown (10YR 5/4), SILTY SAND WITH GRAVEL (SM), fine gravel, no odor, damp		15		20	35	30				
		G	0.0	1	CL	Very dark gray (2.5Y 3/1) LEAN CLAY (CL), silt, no odor, damp						100			N	M
			0.0			Color change to dark greenish gray (GLEY 1 4/1)						100			N	M
		G	0.0													
			0.0													
5				4.5	ML	Light olive brown (2.5Y 5/3) SILT WITH SAND (ML), fine sand, no odor, damp					20	80			L	M
			0.1			Decrease in sand content					15	85			L	M
			0.0													
			0.0			Scattered fine gravel and silt		5			15	80			L	M
			0.0													
		G	0.0			Decrease in sand content, increase in clay content		5			10	85			L	M
10						Total Depth: 10 ft bgs No groundwater encountered Backfilled with cement grout										
15																
20																

Water Level Data				
Date	Time	Depth in feet to: Bottom of Casing	Bottom of Hole	Water

Sample ID		Well Diagram	Summary
O	Open End Rod	Riser Pipe	
T	Thin Wall Tube	Screen	Overburden (Linear ft.)
U	Undisturbed Sample	Filter Sand	Rock Cored (Linear ft.)
S	Split Spoon Sample	Cuttings	Number of Samples
G	Geoprobe	Grout	
		Concrete	BORING NO.
		Bentonite Seal	

Field Tests: R - Rapid S - Slow N - None L - Low M - Medium H - High

Plasticity: N - Nonplastic L - Low M - Medium H - High

Dry Strength: N - None L - Low M - Meduim H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

HALEY ALDRICH

TEST BORING REPORT

BORING NO. B-5

Page 1 of 1

PROJECT	Steelwave - West Berkeley	H&A FILE NO.	134361-003
LOCATION	Berkeley, CA	PROJECT MGR.	J Grant
CLIENT	Steelwave - West Berkeley	FIELD REP.	A Piestrzeniewicz
CONTRACTOR	ECA	DATE STARTED	12/11/19
DRILLER	D. Sprinkle	DATE FINISHED	12/11/19

Elevation	Datum	Boring Location			PID Make / Model:		
Item	asir	Sampler	Core Barrel	Rig Make & Model	Hammer Type	Drilling Mud	Casing Advance
Type		S		☑ Truck ☐ Tripod ☐ Cat-Head	☐ Safety	☐ Bentonite	Type Method Depth
Inside Diameter (in.)		1 3/8		☐ ATV ☑ Geoprobe ☐ Winch	☐ Doughnut	☐ Polymer	
Hammer Weight (lb.)		140		☐ Track ☐ Air Track ☐ Roller Bit	☐ Automatic	☐ None	Direct Push
Hammer Fall (in.)		30		☐ Skid ☐ ____ ☐ Cutting Head	Drilling Notes:		

Depth (ft.)	Sampler Blows per 6 in.	Sample Depth (ft.)	PID Reading	Stratum Change (ft.)	USCS Symbol	Visual-Manual Identification & Description (density/consistency, color, GROUP NAME & SYMBOL, maximum particle size*, structure, odor, moisture, optional descriptions, geologic interpretation)	Gravel % Coarse	Gravel % Fine	Sand % Coarse	Sand % Medium	Sand % Fine	% Fines	Field Test Dilatancy	Field Test Toughness	Field Test Plasticity	Field Test Strength
0			0.0		ML	0 Surface: 2" concrete Very dark grayish brown (2.5Y 3/2) SANDY SILT (ML), damp, no odor					35	65			L	M
		G	0.0			Grayish brown (2.5Y 5/2) SILT with SAND (ML), fine sand, no odor, damp					35	65			L	M
			0.0													
		G	0.0													
			0.1													
5			0.1	5	CL	Light olive brown (2.5Y 5/3) LEAN CLAY with SAND (CL), fine sand, no odor, damp					20	80			L	M
			0.0													
			0.0			Scattered fine gravel Decrease in sand content		5			15	80			L	M
			0.0													
		G	0.0													
10						Total Depth: 10 ft bgs No groundwater encountered Backfilled with cement grout.										
15																
20																

Water Level Data					Sample ID		Well Diagram	Summary
Date	Time	Depth in feet to: Bottom of Casing	Bottom of Hole	Water	O Open End Rod T Thin Wall Tube U Undisturbed Sample S Split Spoon Sample G Geoprobe		Riser Pipe Screen Filter Sand Cuttings Grout Concrete Bentonite Seal	Overburden (Linear ft.) Rock Cored (Linear ft.) Number of Samples BORING NO.

Field Tests: R - Rapid S - Slow N - None; L - Low M - Medium H - High

Plasticity: N - Nonplastic L - Low M - Medium H - High

Dry Strength: N - None L - Low M - Meduim H - High V - Very High

*NOTE: Maximum Particle Size is determined by direct observation within the limitations of sampler size.

NOTE: Soil identifications based on visual-manual methods of the USCS system as practiced by Haley & Aldrich, Inc.

APPENDIX B

Laboratory Reports

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

December 18, 2019

Haley & Aldrich - Walnut Creek, CA

Sample Delivery Group:	L1170116
Samples Received:	12/12/2019
Project Number:	134361-002
Description:	Steelwave

Report To:

Jason Grant
2033 N Main Street
Suite 309
Walnut Creek, CA 94596

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

B-1-SS-1.0 L1170116-01 Solid

Collected by: Adam P | Collected date/time: 12/11/19 10:50 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396075	1	12/14/19 13:46	12/14/19 13:55	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:23	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:31	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 21:42	JDG	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1396175	1	12/13/19 16:00	12/14/19 10:22	LEL	Mt. Juliet, TN

B-1-SS-3.0 L1170116-02 Solid

Collected by: Adam P | Collected date/time: 12/11/19 11:05 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396075	1	12/14/19 13:46	12/14/19 13:55	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:25	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:39	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 21:57	JDG	Mt. Juliet, TN

B-1-SS-9.0 L1170116-03 Solid

Collected by: Adam P | Collected date/time: 12/11/19 11:10 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396075	1	12/14/19 13:46	12/14/19 13:55	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:27	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:42	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 22:11	JDG	Mt. Juliet, TN

B-2-SS-1.0 L1170116-04 Solid

Collected by: Adam P | Collected date/time: 12/11/19 11:30 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396075	1	12/14/19 13:46	12/14/19 13:55	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:29	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:44	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/15/19 02:03	JDG	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1396175	1	12/13/19 16:00	12/14/19 10:35	LEL	Mt. Juliet, TN

B-2-SS-3.0 L1170116-05 Solid

Collected by: Adam P | Collected date/time: 12/11/19 11:45 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396075	1	12/14/19 13:46	12/14/19 13:55	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:32	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:47	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/15/19 00:51	JDG	Mt. Juliet, TN

B-2-SS-9.0 L1170116-06 Solid

Collected by: Adam P | Collected date/time: 12/11/19 11:55 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396075	1	12/14/19 13:46	12/14/19 13:55	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:38	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:50	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 22:26	JDG	Mt. Juliet, TN

B-3-SS-1.0 L1170116-07 Solid

Collected by: Adam P | Collected date/time: 12/11/19 08:25 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396075	1	12/14/19 13:46	12/14/19 13:55	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:40	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:52	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1396752	1	12/11/19 08:25	12/15/19 07:49	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1396623	1	12/11/19 08:25	12/15/19 05:09	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/15/19 01:05	JDG	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1396175	1	12/13/19 16:00	12/14/19 10:47	LEL	Mt. Juliet, TN

B-3-SS-3.0 L1170116-08 Solid

Collected by: Adam P | Collected date/time: 12/11/19 08:35 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:43	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:55	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 23:09	JDG	Mt. Juliet, TN

B-3-SS-9.0 L1170116-09 Solid

Collected by: Adam P | Collected date/time: 12/11/19 08:50 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:45	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 15:57	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 23:24	JDG	Mt. Juliet, TN

B-4-SS-1.0 L1170116-10 Solid

Collected by: Adam P | Collected date/time: 12/11/19 09:00 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:47	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 16:00	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1396752	1	12/11/19 09:00	12/15/19 08:11	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1396623	1.04	12/11/19 09:00	12/15/19 05:30	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/15/19 01:34	JDG	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1396175	1	12/13/19 16:00	12/14/19 11:00	LEL	Mt. Juliet, TN

B-4-SS-3.0 L1170116-11 Solid

Collected by: Adam P | Collected date/time: 12/11/19 09:15 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396021	1	12/13/19 09:59	12/16/19 11:49	ABL	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 16:02	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/15/19 01:49	JDG	Mt. Juliet, TN

B-4-SS-9.0 L1170116-12 Solid

Collected by: Adam P | Collected date/time: 12/11/19 09:40 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396619	1	12/14/19 20:20	12/16/19 19:36	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 16:10	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 23:38	JDG	Mt. Juliet, TN

B-5-SS-1.0 L1170116-13 Solid

Collected by: Adam P | Collected date/time: 12/11/19 09:50 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396619	1	12/14/19 20:20	12/16/19 19:38	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 16:13	EL	Mt. Juliet, TN
Volatile Organic Compounds (GC) by Method 8015	WG1396752	1	12/11/19 09:50	12/15/19 08:33	ACG	Mt. Juliet, TN
Volatile Organic Compounds (GC/MS) by Method 8260B	WG1396623	1	12/11/19 09:50	12/15/19 05:50	BMB	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	2	12/13/19 15:49	12/15/19 14:32	JDG	Mt. Juliet, TN
Pesticides (GC) by Method 8081	WG1396175	1	12/13/19 16:00	12/14/19 11:12	LEL	Mt. Juliet, TN

B-5-SS-3.0 L1170116-14 Solid

Collected by: Adam P | Collected date/time: 12/11/19 09:55 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396619	1	12/14/19 20:20	12/16/19 19:45	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 16:15	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/15/19 02:18	JDG	Mt. Juliet, TN

B-5-SS-9.0 L1170116-15 Solid

Collected by: Adam P | Collected date/time: 12/11/19 10:05 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Total Solids by Method 2540 G-2011	WG1396077	1	12/14/19 13:37	12/14/19 13:45	KDW	Mt. Juliet, TN
Mercury by Method 7471A	WG1396619	1	12/14/19 20:20	12/16/19 19:47	TCT	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1395913	1	12/13/19 08:44	12/14/19 16:18	EL	Mt. Juliet, TN
Semi-Volatile Organic Compounds (GC) by Method 8015	WG1395893	1	12/13/19 15:49	12/14/19 23:53	JDG	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Mercury by Method 7471A

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-1-SS-1.0	L1170116-01	Mercury	0.160		0.00345	0.0369	1	12/16/2019 11:23	WG1396021
B-1-SS-3.0	L1170116-02	Mercury	0.0514		0.00349	0.0374	1	12/16/2019 11:25	WG1396021
B-1-SS-9.0	L1170116-03	Mercury	0.0308	J	0.00322	0.0345	1	12/16/2019 11:27	WG1396021
B-2-SS-1.0	L1170116-04	Mercury	0.311		0.00341	0.0365	1	12/16/2019 11:29	WG1396021
B-2-SS-3.0	L1170116-05	Mercury	0.211		0.00339	0.0363	1	12/16/2019 11:32	WG1396021
B-2-SS-9.0	L1170116-06	Mercury	0.0475		0.00347	0.0372	1	12/16/2019 11:38	WG1396021
B-3-SS-1.0	L1170116-07	Mercury	0.0259	J	0.00356	0.0381	1	12/16/2019 11:40	WG1396021
B-3-SS-3.0	L1170116-08	Mercury	0.0272	J	0.00346	0.0370	1	12/16/2019 11:43	WG1396021
B-3-SS-9.0	L1170116-09	Mercury	0.0372	J	0.00347	0.0372	1	12/16/2019 11:45	WG1396021
B-4-SS-1.0	L1170116-10	Mercury	0.0320	J	0.00352	0.0377	1	12/16/2019 11:47	WG1396021
B-4-SS-3.0	L1170116-11	Mercury	0.0418		0.00337	0.0361	1	12/16/2019 11:49	WG1396021
B-4-SS-9.0	L1170116-12	Mercury	0.0376		0.00331	0.0354	1	12/16/2019 19:36	WG1396619
B-5-SS-1.0	L1170116-13	Mercury	0.0637		0.00329	0.0352	1	12/16/2019 19:38	WG1396619
B-5-SS-3.0	L1170116-14	Mercury	0.0286	J	0.00328	0.0351	1	12/16/2019 19:45	WG1396619
B-5-SS-9.0	L1170116-15	Mercury	0.0269	J	0.00328	0.0351	1	12/16/2019 19:47	WG1396619

Metals (ICP) by Method 6010B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-1-SS-1.0	L1170116-01	Antimony	1.25	J	0.924	2.46	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Arsenic	4.88		0.566	2.46	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Barium	185		0.209	0.616	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Beryllium	0.756		0.0862	0.246	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Cadmium	0.109	J	0.0862	0.616	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Chromium	64.2		0.172	1.23	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Cobalt	47.0		0.283	1.23	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Copper	21.2		0.653	2.46	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Lead	6.83		0.234	0.616	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Molybdenum	1.27		0.197	0.616	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Nickel	44.5		0.603	2.46	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Vanadium	77.9		0.296	2.46	1	12/14/2019 15:31	WG1395913
B-1-SS-1.0	L1170116-01	Zinc	41.7		0.727	6.16	1	12/14/2019 15:31	WG1395913
B-1-SS-3.0	L1170116-02	Antimony	1.31	J	0.935	2.49	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Arsenic	4.09		0.574	2.49	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Barium	187		0.212	0.623	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Beryllium	0.747		0.0873	0.249	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Cadmium	0.178	J	0.0873	0.623	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Chromium	70.1		0.175	1.25	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Cobalt	14.4		0.287	1.25	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Copper	25.5		0.661	2.49	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Lead	4.29	B	0.237	0.623	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Molybdenum	0.380	J	0.199	0.623	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Nickel	71.6		0.611	2.49	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Vanadium	84.9		0.299	2.49	1	12/14/2019 15:39	WG1395913
B-1-SS-3.0	L1170116-02	Zinc	57.6		0.736	6.23	1	12/14/2019 15:39	WG1395913
B-1-SS-9.0	L1170116-03	Antimony	0.978	J	0.864	2.30	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Arsenic	10.7		0.530	2.30	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Barium	159		0.196	0.576	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Beryllium	0.433		0.0806	0.230	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Cadmium	0.270	J	0.0806	0.576	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Chromium	61.2		0.161	1.15	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Cobalt	16.7		0.265	1.15	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Copper	32.3		0.610	2.30	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Lead	5.55		0.219	0.576	1	12/14/2019 15:42	WG1395913

Metals (ICP) by Method 6010B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-1-SS-9.0	L1170116-03	Antimony	0.978	J	0.864	2.30	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Arsenic	10.7		0.530	2.30	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Barium	159		0.196	0.576	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Beryllium	0.433		0.0806	0.230	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Cadmium	0.270	J	0.0806	0.576	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Molybdenum	0.505	J	0.184	0.576	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Nickel	46.8		0.564	2.30	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Vanadium	89.9		0.276	2.30	1	12/14/2019 15:42	WG1395913
B-1-SS-9.0	L1170116-03	Zinc	66.7		0.679	5.76	1	12/14/2019 15:42	WG1395913
B-2-SS-1.0	L1170116-04	Antimony	0.929	J	0.913	2.44	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Arsenic	2.47		0.560	2.44	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Barium	177		0.207	0.609	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Beryllium	0.430		0.0852	0.244	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Cadmium	0.245	J	0.0852	0.609	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Chromium	38.0		0.170	1.22	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Cobalt	9.72		0.280	1.22	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Copper	20.9		0.645	2.44	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Lead	71.9		0.231	0.609	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Molybdenum	0.360	J	0.195	0.609	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Nickel	29.8		0.597	2.44	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Vanadium	43.9		0.292	2.44	1	12/14/2019 15:44	WG1395913
B-2-SS-1.0	L1170116-04	Zinc	78.9		0.718	6.09	1	12/14/2019 15:44	WG1395913
B-2-SS-3.0	L1170116-05	Antimony	1.00	J	0.907	2.42	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Arsenic	2.46		0.557	2.42	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Barium	130		0.206	0.605	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Beryllium	0.568		0.0847	0.242	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Cadmium	0.173	J	0.0847	0.605	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Chromium	66.7		0.169	1.21	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Cobalt	9.21		0.278	1.21	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Copper	23.2		0.641	2.42	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Lead	3.80	B	0.230	0.605	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Molybdenum	0.302	J	0.194	0.605	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Nickel	49.8		0.593	2.42	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Vanadium	56.4		0.290	2.42	1	12/14/2019 15:47	WG1395913
B-2-SS-3.0	L1170116-05	Zinc	48.1		0.714	6.05	1	12/14/2019 15:47	WG1395913
B-2-SS-9.0	L1170116-06	Antimony	1.18	J	0.931	2.48	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Arsenic	4.99		0.571	2.48	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Barium	163		0.211	0.620	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Beryllium	0.557		0.0869	0.248	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Cadmium	0.156	J	0.0869	0.620	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Chromium	67.8		0.174	1.24	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Cobalt	19.1		0.285	1.24	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Copper	27.3		0.658	2.48	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Lead	6.01		0.236	0.620	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Molybdenum	0.523	J	0.199	0.620	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Nickel	77.3		0.608	2.48	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Vanadium	73.2		0.298	2.48	1	12/14/2019 15:50	WG1395913
B-2-SS-9.0	L1170116-06	Zinc	53.3		0.732	6.20	1	12/14/2019 15:50	WG1395913

Metals (ICP) by Method 6010B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-3-SS-1.0	L1170116-07	Arsenic	1.49	J	0.584	2.54	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Barium	163		0.216	0.635	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Beryllium	0.668		0.0889	0.254	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Cadmium	0.0897	J	0.0889	0.635	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Chromium	68.3		0.178	1.27	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Cobalt	11.5		0.292	1.27	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Copper	25.9		0.673	2.54	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Lead	5.44		0.241	0.635	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Nickel	54.2		0.622	2.54	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Vanadium	63.6		0.305	2.54	1	12/14/2019 15:52	WG1395913
B-3-SS-1.0	L1170116-07	Zinc	47.6		0.749	6.35	1	12/14/2019 15:52	WG1395913
B-3-SS-3.0	L1170116-08	Barium	361		0.210	0.617	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Beryllium	0.574		0.0864	0.247	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Cadmium	0.104	J	0.0864	0.617	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Chromium	56.1		0.173	1.23	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Cobalt	7.70		0.284	1.23	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Copper	20.2		0.654	2.47	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Lead	4.62		0.234	0.617	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Nickel	54.2		0.605	2.47	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Vanadium	42.2		0.296	2.47	1	12/14/2019 15:55	WG1395913
B-3-SS-3.0	L1170116-08	Zinc	45.3		0.728	6.17	1	12/14/2019 15:55	WG1395913
B-3-SS-9.0	L1170116-09	Antimony	1.55	J	0.929	2.48	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Arsenic	6.06		0.570	2.48	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Barium	124		0.211	0.619	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Beryllium	0.421		0.0867	0.248	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Cadmium	0.200	J	0.0867	0.619	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Chromium	53.2		0.173	1.24	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Cobalt	15.3		0.285	1.24	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Copper	24.1		0.657	2.48	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Lead	5.72		0.235	0.619	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Molybdenum	0.394	J	0.198	0.619	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Nickel	58.1		0.607	2.48	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Vanadium	64.7		0.297	2.48	1	12/14/2019 15:57	WG1395913
B-3-SS-9.0	L1170116-09	Zinc	52.2		0.731	6.19	1	12/14/2019 15:57	WG1395913
B-4-SS-1.0	L1170116-10	Arsenic	1.99	J	0.578	2.51	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Barium	247		0.214	0.628	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Beryllium	0.714		0.0879	0.251	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Cadmium	0.183	J	0.0879	0.628	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Chromium	69.2		0.176	1.26	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Cobalt	12.4		0.289	1.26	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Copper	26.3		0.666	2.51	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Lead	8.02		0.239	0.628	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Nickel	49.9		0.615	2.51	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Vanadium	66.6		0.301	2.51	1	12/14/2019 16:00	WG1395913
B-4-SS-1.0	L1170116-10	Zinc	41.9		0.741	6.28	1	12/14/2019 16:00	WG1395913
B-4-SS-3.0	L1170116-11	Barium	257		0.205	0.602	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Beryllium	0.517		0.0843	0.241	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Cadmium	0.141	J	0.0843	0.602	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Chromium	67.2		0.169	1.20	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Cobalt	11.3		0.277	1.20	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Copper	21.4		0.638	2.41	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Lead	4.76		0.229	0.602	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Nickel	61.0		0.590	2.41	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Vanadium	54.8		0.289	2.41	1	12/14/2019 16:02	WG1395913
B-4-SS-3.0	L1170116-11	Zinc	60.2		0.710	6.02	1	12/14/2019 16:02	WG1395913

Metals (ICP) by Method 6010B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-4-SS-9.0	L1170116-12	Arsenic	2.41		0.543	2.36	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Barium	158		0.201	0.591	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Beryllium	0.455		0.0827	0.236	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Cadmium	0.240	J	0.0827	0.591	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Chromium	55.5		0.165	1.18	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Cobalt	26.2		0.272	1.18	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Copper	21.9		0.626	2.36	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Lead	6.26		0.224	0.591	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Molybdenum	0.277	J	0.189	0.591	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Nickel	87.5		0.579	2.36	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Vanadium	54.9		0.284	2.36	1	12/14/2019 16:10	WG1395913
B-4-SS-9.0	L1170116-12	Zinc	38.0		0.697	5.91	1	12/14/2019 16:10	WG1395913
B-5-SS-1.0	L1170116-13	Antimony	1.30	J	0.881	2.35	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Arsenic	1.84	J	0.540	2.35	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Barium	133		0.200	0.587	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Beryllium	0.489		0.0822	0.235	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Cadmium	0.127	J	0.0822	0.587	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Chromium	63.3		0.164	1.17	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Cobalt	12.0		0.270	1.17	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Copper	20.5		0.622	2.35	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Lead	16.5		0.223	0.587	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Nickel	57.0		0.575	2.35	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Vanadium	49.3		0.282	2.35	1	12/14/2019 16:13	WG1395913
B-5-SS-1.0	L1170116-13	Zinc	46.2		0.693	5.87	1	12/14/2019 16:13	WG1395913
B-5-SS-3.0	L1170116-14	Antimony	0.936	J	0.878	2.34	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Arsenic	3.40		0.539	2.34	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Barium	111		0.199	0.585	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Beryllium	0.404		0.0820	0.234	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Cadmium	0.162	J	0.0820	0.585	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Chromium	54.0		0.164	1.17	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Cobalt	10.7		0.269	1.17	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Copper	20.1		0.620	2.34	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Lead	5.61		0.222	0.585	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Nickel	41.9		0.574	2.34	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Vanadium	45.4		0.281	2.34	1	12/14/2019 16:15	WG1395913
B-5-SS-3.0	L1170116-14	Zinc	39.9		0.691	5.85	1	12/14/2019 16:15	WG1395913
B-5-SS-9.0	L1170116-15	Antimony	1.27	J	0.878	2.34	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Arsenic	3.76		0.539	2.34	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Barium	124		0.199	0.586	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Beryllium	0.521		0.0820	0.234	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Cadmium	0.124	J	0.0820	0.586	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Chromium	60.1		0.164	1.17	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Cobalt	14.6		0.269	1.17	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Copper	20.0		0.621	2.34	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Lead	6.78		0.223	0.586	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Molybdenum	0.349	J	0.187	0.586	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Nickel	67.0		0.574	2.34	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Vanadium	60.1		0.281	2.34	1	12/14/2019 16:18	WG1395913
B-5-SS-9.0	L1170116-15	Zinc	40.6		0.691	5.86	1	12/14/2019 16:18	WG1395913

Volatile Organic Compounds (GC) by Method 8015

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-3-SS-1.0	L1170116-07	TPHG C5 - C12	0.0514	B J	0.0422	0.127	1	12/15/2019 07:49	WG1396752

Volatile Organic Compounds (GC) by Method 8015

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-4-SS-1.0	L1170116-10	TPHG C5 - C12	0.0762	B J	0.0417	0.126	1	12/15/2019 08:11	WG1396752
B-5-SS-1.0	L1170116-13	TPHG C5 - C12	0.180	B	0.0390	0.117	1	12/15/2019 08:33	WG1396752

Volatile Organic Compounds (GC/MS) by Method 8260B

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-3-SS-1.0	L1170116-07	Acetone	0.0704		0.0174	0.0317	1	12/15/2019 05:09	WG1396623
B-3-SS-1.0	L1170116-07	Benzene	0.00177		0.000508	0.00127	1	12/15/2019 05:09	WG1396623
B-3-SS-1.0	L1170116-07	2-Butanone (MEK)	0.0324	B	0.0159	0.0317	1	12/15/2019 05:09	WG1396623
B-3-SS-1.0	L1170116-07	Toluene	0.0169		0.00159	0.00635	1	12/15/2019 05:09	WG1396623
B-4-SS-1.0	L1170116-10	Acetone	0.0406		0.0178	0.0327	1.04	12/15/2019 05:30	WG1396623
B-4-SS-1.0	L1170116-10	2-Butanone (MEK)	0.0264	B J	0.0163	0.0327	1.04	12/15/2019 05:30	WG1396623
B-4-SS-1.0	L1170116-10	Toluene	0.0124		0.00163	0.00653	1.04	12/15/2019 05:30	WG1396623
B-5-SS-1.0	L1170116-13	Acetone	0.0648		0.0161	0.0294	1	12/15/2019 05:50	WG1396623
B-5-SS-1.0	L1170116-13	Benzene	0.000567	J	0.000470	0.00117	1	12/15/2019 05:50	WG1396623
B-5-SS-1.0	L1170116-13	2-Butanone (MEK)	0.0256	B J	0.0147	0.0294	1	12/15/2019 05:50	WG1396623
B-5-SS-1.0	L1170116-13	Toluene	0.0169		0.00147	0.00587	1	12/15/2019 05:50	WG1396623

Semi-Volatile Organic Compounds (GC) by Method 8015

Client ID	Lab Sample ID	Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
B-2-SS-1.0	L1170116-04	C22-C32 Hydrocarbons	4.18	J	1.62	4.87	1	12/15/2019 02:03	WG1395893
B-2-SS-1.0	L1170116-04	C32-C40 Hydrocarbons	4.53	J	1.62	4.87	1	12/15/2019 02:03	WG1395893
B-2-SS-3.0	L1170116-05	C32-C40 Hydrocarbons	2.13	J	1.61	4.84	1	12/15/2019 00:51	WG1395893
B-2-SS-9.0	L1170116-06	C12-C22 Hydrocarbons	1.87	J	0.910	4.96	1	12/14/2019 22:26	WG1395893
B-2-SS-9.0	L1170116-06	C22-C32 Hydrocarbons	1.92	J	1.65	4.96	1	12/14/2019 22:26	WG1395893
B-3-SS-1.0	L1170116-07	C22-C32 Hydrocarbons	1.77	J	1.69	5.08	1	12/15/2019 01:05	WG1395893
B-4-SS-1.0	L1170116-10	C12-C22 Hydrocarbons	1.65	J	0.921	5.02	1	12/15/2019 01:34	WG1395893
B-4-SS-1.0	L1170116-10	C22-C32 Hydrocarbons	4.41	J	1.67	5.02	1	12/15/2019 01:34	WG1395893
B-4-SS-1.0	L1170116-10	C32-C40 Hydrocarbons	3.49	J	1.67	5.02	1	12/15/2019 01:34	WG1395893
B-5-SS-1.0	L1170116-13	C12-C22 Hydrocarbons	3.15	J	1.73	9.39	2	12/15/2019 14:32	WG1395893
B-5-SS-1.0	L1170116-13	C22-C32 Hydrocarbons	35.0		3.12	9.39	2	12/15/2019 14:32	WG1395893
B-5-SS-1.0	L1170116-13	C32-C40 Hydrocarbons	31.3		3.12	9.39	2	12/15/2019 14:32	WG1395893
B-5-SS-3.0	L1170116-14	C12-C22 Hydrocarbons	0.871	J	0.858	4.68	1	12/15/2019 02:18	WG1395893
B-5-SS-3.0	L1170116-14	C22-C32 Hydrocarbons	4.76		1.56	4.68	1	12/15/2019 02:18	WG1395893
B-5-SS-3.0	L1170116-14	C32-C40 Hydrocarbons	4.21	J	1.56	4.68	1	12/15/2019 02:18	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.2		1	12/14/2019 13:55	WG1396075

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.160		0.00345	0.0369	1	12/16/2019 11:23	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.25	J	0.924	2.46	1	12/14/2019 15:31	WG1395913
Arsenic	4.88		0.566	2.46	1	12/14/2019 15:31	WG1395913
Barium	185		0.209	0.616	1	12/14/2019 15:31	WG1395913
Beryllium	0.756		0.0862	0.246	1	12/14/2019 15:31	WG1395913
Cadmium	0.109	J	0.0862	0.616	1	12/14/2019 15:31	WG1395913
Chromium	64.2		0.172	1.23	1	12/14/2019 15:31	WG1395913
Cobalt	47.0		0.283	1.23	1	12/14/2019 15:31	WG1395913
Copper	21.2		0.653	2.46	1	12/14/2019 15:31	WG1395913
Lead	6.83		0.234	0.616	1	12/14/2019 15:31	WG1395913
Molybdenum	1.27		0.197	0.616	1	12/14/2019 15:31	WG1395913
Nickel	44.5		0.603	2.46	1	12/14/2019 15:31	WG1395913
Selenium	U		0.763	2.46	1	12/14/2019 15:31	WG1395913
Silver	U		0.148	1.23	1	12/14/2019 15:31	WG1395913
Thallium	U		0.800	2.46	1	12/14/2019 15:31	WG1395913
Vanadium	77.9		0.296	2.46	1	12/14/2019 15:31	WG1395913
Zinc	41.7		0.727	6.16	1	12/14/2019 15:31	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.903	4.93	1	12/14/2019 21:42	WG1395893
C22-C32 Hydrocarbons	U		1.64	4.93	1	12/14/2019 21:42	WG1395893
C32-C40 Hydrocarbons	U		1.64	4.93	1	12/14/2019 21:42	WG1395893
(S) o-Terphenyl	*65.6*			*18.0-148*		*12/14/2019 21:42*	WG1395893

Pesticides (GC) by Method 8081

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.000287	0.0246	1	12/14/2019 10:22	WG1396175
Alpha BHC	U		0.000238	0.0246	1	12/14/2019 10:22	WG1396175
Beta BHC	U		0.000373	0.0246	1	12/14/2019 10:22	WG1396175
Delta BHC	U		0.000186	0.0246	1	12/14/2019 10:22	WG1396175
Gamma BHC	U		0.000302	0.0246	1	12/14/2019 10:22	WG1396175
4,4-DDD	U		0.000202	0.0246	1	12/14/2019 10:22	WG1396175
4,4-DDE	U		0.000203	0.0246	1	12/14/2019 10:22	WG1396175
4,4-DDT	U		0.000328	0.0246	1	12/14/2019 10:22	WG1396175
Dieldrin	U		0.000110	0.00246	1	12/14/2019 10:22	WG1396175
Endosulfan I	U		0.000264	0.0246	1	12/14/2019 10:22	WG1396175
Endosulfan II	U		0.000283	0.0246	1	12/14/2019 10:22	WG1396175
Endosulfan sulfate	U		0.000209	0.0246	1	12/14/2019 10:22	WG1396175
Endrin	U		0.000270	0.0246	1	12/14/2019 10:22	WG1396175
Endrin aldehyde	U		0.000298	0.0246	1	12/14/2019 10:22	WG1396175
Endrin ketone	U		0.000196	0.0246	1	12/14/2019 10:22	WG1396175
Heptachlor	U		0.000124	0.0246	1	12/14/2019 10:22	WG1396175

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Heptachlor epoxide	U		0.000465	0.0246	1	12/14/2019 10:22	WG1396175
Hexachlorobenzene	U		0.000276	0.0246	1	12/14/2019 10:22	WG1396175
Methoxychlor	U		0.000326	0.0246	1	12/14/2019 10:22	WG1396175
Chlordane	U		0.0480	0.246	1	12/14/2019 10:22	WG1396175
Toxaphene	U		0.0443	0.493	1	12/14/2019 10:22	WG1396175
(S) Decachlorobiphenyl	*72.0*			*10.0-135*		*12/14/2019 10:22*	WG1396175
(S) Tetrachloro-m-xylene	*75.0*			*10.0-139*		*12/14/2019 10:22*	WG1396175

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.2		1	12/14/2019 13:55	WG1396075

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0514		0.00349	0.0374	1	12/16/2019 11:25	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.31	J	0.935	2.49	1	12/14/2019 15:39	WG1395913
Arsenic	4.09		0.574	2.49	1	12/14/2019 15:39	WG1395913
Barium	187		0.212	0.623	1	12/14/2019 15:39	WG1395913
Beryllium	0.747		0.0873	0.249	1	12/14/2019 15:39	WG1395913
Cadmium	0.178	J	0.0873	0.623	1	12/14/2019 15:39	WG1395913
Chromium	70.1		0.175	1.25	1	12/14/2019 15:39	WG1395913
Cobalt	14.4		0.287	1.25	1	12/14/2019 15:39	WG1395913
Copper	25.5		0.661	2.49	1	12/14/2019 15:39	WG1395913
Lead	4.29	B	0.237	0.623	1	12/14/2019 15:39	WG1395913
Molybdenum	0.380	J	0.199	0.623	1	12/14/2019 15:39	WG1395913
Nickel	71.6		0.611	2.49	1	12/14/2019 15:39	WG1395913
Selenium	U		0.773	2.49	1	12/14/2019 15:39	WG1395913
Silver	U		0.150	1.25	1	12/14/2019 15:39	WG1395913
Thallium	U		0.810	2.49	1	12/14/2019 15:39	WG1395913
Vanadium	84.9		0.299	2.49	1	12/14/2019 15:39	WG1395913
Zinc	57.6		0.736	6.23	1	12/14/2019 15:39	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.914	4.99	1	12/14/2019 21:57	WG1395893
C22-C32 Hydrocarbons	U		1.66	4.99	1	12/14/2019 21:57	WG1395893
C32-C40 Hydrocarbons	U		1.66	4.99	1	12/14/2019 21:57	WG1395893
(S) o-Terphenyl	*75.1*			*18.0-148*		*12/14/2019 21:57*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	86.8		1	12/14/2019 13:55	WG1396075

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0308	J	0.00322	0.0345	1	12/16/2019 11:27	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	0.978	J	0.864	2.30	1	12/14/2019 15:42	WG1395913
Arsenic	10.7		0.530	2.30	1	12/14/2019 15:42	WG1395913
Barium	159		0.196	0.576	1	12/14/2019 15:42	WG1395913
Beryllium	0.433		0.0806	0.230	1	12/14/2019 15:42	WG1395913
Cadmium	0.270	J	0.0806	0.576	1	12/14/2019 15:42	WG1395913
Chromium	61.2		0.161	1.15	1	12/14/2019 15:42	WG1395913
Cobalt	16.7		0.265	1.15	1	12/14/2019 15:42	WG1395913
Copper	32.3		0.610	2.30	1	12/14/2019 15:42	WG1395913
Lead	5.55		0.219	0.576	1	12/14/2019 15:42	WG1395913
Molybdenum	0.505	J	0.184	0.576	1	12/14/2019 15:42	WG1395913
Nickel	46.8		0.564	2.30	1	12/14/2019 15:42	WG1395913
Selenium	U		0.714	2.30	1	12/14/2019 15:42	WG1395913
Silver	U		0.138	1.15	1	12/14/2019 15:42	WG1395913
Thallium	U		0.749	2.30	1	12/14/2019 15:42	WG1395913
Vanadium	89.9		0.276	2.30	1	12/14/2019 15:42	WG1395913
Zinc	66.7		0.679	5.76	1	12/14/2019 15:42	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.844	4.61	1	12/14/2019 22:11	WG1395893
C22-C32 Hydrocarbons	U		1.53	4.61	1	12/14/2019 22:11	WG1395893
C32-C40 Hydrocarbons	U		1.53	4.61	1	12/14/2019 22:11	WG1395893
(S) o-Terphenyl	*86.8*			*18.0-148*		*12/14/2019 22:11*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.1		1	12/14/2019 13:55	WG1396075

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.311		0.00341	0.0365	1	12/16/2019 11:29	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	0.929	J	0.913	2.44	1	12/14/2019 15:44	WG1395913
Arsenic	2.47		0.560	2.44	1	12/14/2019 15:44	WG1395913
Barium	177		0.207	0.609	1	12/14/2019 15:44	WG1395913
Beryllium	0.430		0.0852	0.244	1	12/14/2019 15:44	WG1395913
Cadmium	0.245	J	0.0852	0.609	1	12/14/2019 15:44	WG1395913
Chromium	38.0		0.170	1.22	1	12/14/2019 15:44	WG1395913
Cobalt	9.72		0.280	1.22	1	12/14/2019 15:44	WG1395913
Copper	20.9		0.645	2.44	1	12/14/2019 15:44	WG1395913
Lead	71.9		0.231	0.609	1	12/14/2019 15:44	WG1395913
Molybdenum	0.360	J	0.195	0.609	1	12/14/2019 15:44	WG1395913
Nickel	29.8		0.597	2.44	1	12/14/2019 15:44	WG1395913
Selenium	U		0.755	2.44	1	12/14/2019 15:44	WG1395913
Silver	U		0.146	1.22	1	12/14/2019 15:44	WG1395913
Thallium	U		0.791	2.44	1	12/14/2019 15:44	WG1395913
Vanadium	43.9		0.292	2.44	1	12/14/2019 15:44	WG1395913
Zinc	78.9		0.718	6.09	1	12/14/2019 15:44	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.892	4.87	1	12/15/2019 02:03	WG1395893
C22-C32 Hydrocarbons	4.18	J	1.62	4.87	1	12/15/2019 02:03	WG1395893
C32-C40 Hydrocarbons	4.53	J	1.62	4.87	1	12/15/2019 02:03	WG1395893
(S) o-Terphenyl	*77.2*			*18.0-148*		*12/15/2019 02:03*	WG1395893

Pesticides (GC) by Method 8081

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Aldrin	U		0.000284	0.0244	1	12/14/2019 10:35	WG1396175
Alpha BHC	U		0.000235	0.0244	1	12/14/2019 10:35	WG1396175
Beta BHC	U		0.000369	0.0244	1	12/14/2019 10:35	WG1396175
Delta BHC	U		0.000184	0.0244	1	12/14/2019 10:35	WG1396175
Gamma BHC	U		0.000298	0.0244	1	12/14/2019 10:35	WG1396175
4,4-DDD	U		0.000200	0.0244	1	12/14/2019 10:35	WG1396175
4,4-DDE	U		0.000201	0.0244	1	12/14/2019 10:35	WG1396175
4,4-DDT	U		0.000324	0.0244	1	12/14/2019 10:35	WG1396175
Dieldrin	U		0.000108	0.00244	1	12/14/2019 10:35	WG1396175
Endosulfan I	U		0.000261	0.0244	1	12/14/2019 10:35	WG1396175
Endosulfan II	U		0.000280	0.0244	1	12/14/2019 10:35	WG1396175
Endosulfan sulfate	U		0.000207	0.0244	1	12/14/2019 10:35	WG1396175
Endrin	U		0.000267	0.0244	1	12/14/2019 10:35	WG1396175
Endrin aldehyde	U		0.000295	0.0244	1	12/14/2019 10:35	WG1396175
Endrin ketone	U		0.000194	0.0244	1	12/14/2019 10:35	WG1396175
Heptachlor	U		0.000123	0.0244	1	12/14/2019 10:35	WG1396175

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Heptachlor epoxide	U		0.000460	0.0244	1	12/14/2019 10:35	WG1396175
Hexachlorobenzene	U		0.000273	0.0244	1	12/14/2019 10:35	WG1396175
Methoxychlor	U		0.000323	0.0244	1	12/14/2019 10:35	WG1396175
Chlordane	U		0.0475	0.244	1	12/14/2019 10:35	WG1396175
Toxaphene	U		0.0438	0.487	1	12/14/2019 10:35	WG1396175
(S) Decachlorobiphenyl	*56.4*			*10.0-135*		*12/14/2019 10:35*	WG1396175
(S) Tetrachloro-m-xylene	*54.7*			*10.0-139*		*12/14/2019 10:35*	WG1396175

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	82.7		1	12/14/2019 13:55	WG1396075

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.211		0.00339	0.0363	1	12/16/2019 11:32	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.00	J	0.907	2.42	1	12/14/2019 15:47	WG1395913
Arsenic	2.46		0.557	2.42	1	12/14/2019 15:47	WG1395913
Barium	130		0.206	0.605	1	12/14/2019 15:47	WG1395913
Beryllium	0.568		0.0847	0.242	1	12/14/2019 15:47	WG1395913
Cadmium	0.173	J	0.0847	0.605	1	12/14/2019 15:47	WG1395913
Chromium	66.7		0.169	1.21	1	12/14/2019 15:47	WG1395913
Cobalt	9.21		0.278	1.21	1	12/14/2019 15:47	WG1395913
Copper	23.2		0.641	2.42	1	12/14/2019 15:47	WG1395913
Lead	3.80	B	0.230	0.605	1	12/14/2019 15:47	WG1395913
Molybdenum	0.302	J	0.194	0.605	1	12/14/2019 15:47	WG1395913
Nickel	49.8		0.593	2.42	1	12/14/2019 15:47	WG1395913
Selenium	U		0.750	2.42	1	12/14/2019 15:47	WG1395913
Silver	U		0.145	1.21	1	12/14/2019 15:47	WG1395913
Thallium	U		0.786	2.42	1	12/14/2019 15:47	WG1395913
Vanadium	56.4		0.290	2.42	1	12/14/2019 15:47	WG1395913
Zinc	48.1		0.714	6.05	1	12/14/2019 15:47	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.887	4.84	1	12/15/2019 00:51	WG1395893
C22-C32 Hydrocarbons	U		1.61	4.84	1	12/15/2019 00:51	WG1395893
C32-C40 Hydrocarbons	2.13	J	1.61	4.84	1	12/15/2019 00:51	WG1395893
(S) o-Terphenyl	*74.1*			*18.0-148*		*12/15/2019 00:51*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.6		1	12/14/2019 13:55	WG1396075

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0475		0.00347	0.0372	1	12/16/2019 11:38	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.18	J	0.931	2.48	1	12/14/2019 15:50	WG1395913
Arsenic	4.99		0.571	2.48	1	12/14/2019 15:50	WG1395913
Barium	163		0.211	0.620	1	12/14/2019 15:50	WG1395913
Beryllium	0.557		0.0869	0.248	1	12/14/2019 15:50	WG1395913
Cadmium	0.156	J	0.0869	0.620	1	12/14/2019 15:50	WG1395913
Chromium	67.8		0.174	1.24	1	12/14/2019 15:50	WG1395913
Cobalt	19.1		0.285	1.24	1	12/14/2019 15:50	WG1395913
Copper	27.3		0.658	2.48	1	12/14/2019 15:50	WG1395913
Lead	6.01		0.236	0.620	1	12/14/2019 15:50	WG1395913
Molybdenum	0.523	J	0.199	0.620	1	12/14/2019 15:50	WG1395913
Nickel	77.3		0.608	2.48	1	12/14/2019 15:50	WG1395913
Selenium	U		0.769	2.48	1	12/14/2019 15:50	WG1395913
Silver	U		0.149	1.24	1	12/14/2019 15:50	WG1395913
Thallium	U		0.807	2.48	1	12/14/2019 15:50	WG1395913
Vanadium	73.2		0.298	2.48	1	12/14/2019 15:50	WG1395913
Zinc	53.3		0.732	6.20	1	12/14/2019 15:50	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	1.87	J	0.910	4.96	1	12/14/2019 22:26	WG1395893
C22-C32 Hydrocarbons	1.92	J	1.65	4.96	1	12/14/2019 22:26	WG1395893
C32-C40 Hydrocarbons	U		1.65	4.96	1	12/14/2019 22:26	WG1395893
(S) o-Terphenyl	*82.5*			*18.0-148*		*12/14/2019 22:26*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	78.7		1	12/14/2019 13:55	WG1396075

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0259	J	0.00356	0.0381	1	12/16/2019 11:40	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.952	2.54	1	12/14/2019 15:52	WG1395913
Arsenic	1.49	J	0.584	2.54	1	12/14/2019 15:52	WG1395913
Barium	163		0.216	0.635	1	12/14/2019 15:52	WG1395913
Beryllium	0.668		0.0889	0.254	1	12/14/2019 15:52	WG1395913
Cadmium	0.0897	J	0.0889	0.635	1	12/14/2019 15:52	WG1395913
Chromium	68.3		0.178	1.27	1	12/14/2019 15:52	WG1395913
Cobalt	11.5		0.292	1.27	1	12/14/2019 15:52	WG1395913
Copper	25.9		0.673	2.54	1	12/14/2019 15:52	WG1395913
Lead	5.44		0.241	0.635	1	12/14/2019 15:52	WG1395913
Molybdenum	U		0.203	0.635	1	12/14/2019 15:52	WG1395913
Nickel	54.2		0.622	2.54	1	12/14/2019 15:52	WG1395913
Selenium	U		0.787	2.54	1	12/14/2019 15:52	WG1395913
Silver	U		0.152	1.27	1	12/14/2019 15:52	WG1395913
Thallium	U		0.825	2.54	1	12/14/2019 15:52	WG1395913
Vanadium	63.6		0.305	2.54	1	12/14/2019 15:52	WG1395913
Zinc	47.6		0.749	6.35	1	12/14/2019 15:52	WG1395913

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	0.0514	B J	0.0422	0.127	1	12/15/2019 07:49	WG1396752
(S) a,a,a-Trifluorotoluene(FID)	*109*			*77.0-120*		*12/15/2019 07:49*	WG1396752

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.0704		0.0174	0.0317	1	12/15/2019 05:09	WG1396623
Acrylonitrile	U		0.00241	0.0159	1	12/15/2019 05:09	WG1396623
Benzene	0.00177		0.000508	0.00127	1	12/15/2019 05:09	WG1396623
Bromobenzene	U		0.00133	0.0159	1	12/15/2019 05:09	WG1396623
Bromodichloromethane	U		0.00100	0.00317	1	12/15/2019 05:09	WG1396623
Bromoform	U		0.00759	0.0317	1	12/15/2019 05:09	WG1396623
Bromomethane	U		0.00470	0.0159	1	12/15/2019 05:09	WG1396623
n-Butylbenzene	U		0.00488	0.0159	1	12/15/2019 05:09	WG1396623
sec-Butylbenzene	U		0.00321	0.0159	1	12/15/2019 05:09	WG1396623
tert-Butylbenzene	U		0.00197	0.00635	1	12/15/2019 05:09	WG1396623
Carbon tetrachloride	U		0.00137	0.00635	1	12/15/2019 05:09	WG1396623
Chlorobenzene	U		0.000728	0.00317	1	12/15/2019 05:09	WG1396623
Chlorodibromomethane	U		0.000571	0.00317	1	12/15/2019 05:09	WG1396623
Chloroethane	U		0.00137	0.00635	1	12/15/2019 05:09	WG1396623
Chloroform	U		0.000527	0.00317	1	12/15/2019 05:09	WG1396623
Chloromethane	U	J4	0.00177	0.0159	1	12/15/2019 05:09	WG1396623
2-Chlorotoluene	U		0.00117	0.00317	1	12/15/2019 05:09	WG1396623
4-Chlorotoluene	U		0.00144	0.00635	1	12/15/2019 05:09	WG1396623

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	U		0.00648	0.0317	1	12/15/2019 05:09	WG1396623
1,2-Dibromoethane	U		0.000667	0.00317	1	12/15/2019 05:09	WG1396623
Dibromomethane	U		0.00127	0.00635	1	12/15/2019 05:09	WG1396623
1,2-Dichlorobenzene	U		0.00184	0.00635	1	12/15/2019 05:09	WG1396623
1,3-Dichlorobenzene	U		0.00216	0.00635	1	12/15/2019 05:09	WG1396623
1,4-Dichlorobenzene	U		0.00250	0.00635	1	12/15/2019 05:09	WG1396623
Dichlorodifluoromethane	U		0.00104	0.00317	1	12/15/2019 05:09	WG1396623
1,1-Dichloroethane	U		0.000730	0.00317	1	12/15/2019 05:09	WG1396623
1,2-Dichloroethane	U		0.000603	0.00317	1	12/15/2019 05:09	WG1396623
1,1-Dichloroethene	U		0.000635	0.00317	1	12/15/2019 05:09	WG1396623
cis-1,2-Dichloroethene	U		0.000876	0.00317	1	12/15/2019 05:09	WG1396623
trans-1,2-Dichloroethene	U		0.00182	0.00635	1	12/15/2019 05:09	WG1396623
1,2-Dichloropropane	U	J4	0.00161	0.00635	1	12/15/2019 05:09	WG1396623
1,1-Dichloropropene	U		0.000889	0.00317	1	12/15/2019 05:09	WG1396623
1,3-Dichloropropane	U		0.00222	0.00635	1	12/15/2019 05:09	WG1396623
cis-1,3-Dichloropropene	U		0.000861	0.00317	1	12/15/2019 05:09	WG1396623
trans-1,3-Dichloropropene	U		0.00194	0.00635	1	12/15/2019 05:09	WG1396623
2,2-Dichloropropane	U	J4	0.00101	0.00317	1	12/15/2019 05:09	WG1396623
Di-isopropyl ether	U	J4	0.000444	0.00127	1	12/15/2019 05:09	WG1396623
Ethylbenzene	U		0.000673	0.00317	1	12/15/2019 05:09	WG1396623
Hexachloro-1,3-butadiene	U		0.0161	0.0317	1	12/15/2019 05:09	WG1396623
Isopropylbenzene	U		0.00110	0.00317	1	12/15/2019 05:09	WG1396623
p-Isopropyltoluene	U		0.00296	0.00635	1	12/15/2019 05:09	WG1396623
2-Butanone (MEK)	0.0324	B	0.0159	0.0317	1	12/15/2019 05:09	WG1396623
Methylene Chloride	U		0.00843	0.0317	1	12/15/2019 05:09	WG1396623
4-Methyl-2-pentanone (MIBK)	U		0.0127	0.0317	1	12/15/2019 05:09	WG1396623
Methyl tert-butyl ether	U		0.000375	0.00127	1	12/15/2019 05:09	WG1396623
Naphthalene	U		0.00396	0.0159	1	12/15/2019 05:09	WG1396623
n-Propylbenzene	U		0.00150	0.00635	1	12/15/2019 05:09	WG1396623
Styrene	U		0.00347	0.0159	1	12/15/2019 05:09	WG1396623
1,1,1,2-Tetrachloroethane	U		0.000635	0.00317	1	12/15/2019 05:09	WG1396623
1,1,2,2-Tetrachloroethane	U		0.000495	0.00317	1	12/15/2019 05:09	WG1396623
1,1,2-Trichlorotrifluoroethane	U		0.000857	0.00317	1	12/15/2019 05:09	WG1396623
Tetrachloroethene	U		0.000889	0.00317	1	12/15/2019 05:09	WG1396623
Toluene	0.0169		0.00159	0.00635	1	12/15/2019 05:09	WG1396623
1,2,3-Trichlorobenzene	U		0.000794	0.00317	1	12/15/2019 05:09	WG1396623
1,2,4-Trichlorobenzene	U		0.00612	0.0159	1	12/15/2019 05:09	WG1396623
1,1,1-Trichloroethane	U		0.000349	0.00317	1	12/15/2019 05:09	WG1396623
1,1,2-Trichloroethane	U		0.00112	0.00317	1	12/15/2019 05:09	WG1396623
Trichloroethene	U		0.000508	0.00127	1	12/15/2019 05:09	WG1396623
Trichlorofluoromethane	U		0.000635	0.00317	1	12/15/2019 05:09	WG1396623
1,2,3-Trichloropropane	U		0.00648	0.0159	1	12/15/2019 05:09	WG1396623
1,2,4-Trimethylbenzene	U		0.00147	0.00635	1	12/15/2019 05:09	WG1396623
1,2,3-Trimethylbenzene	U		0.00146	0.00635	1	12/15/2019 05:09	WG1396623
1,3,5-Trimethylbenzene	U		0.00137	0.00635	1	12/15/2019 05:09	WG1396623
Vinyl chloride	U		0.000867	0.00317	1	12/15/2019 05:09	WG1396623
Xylenes, Total	U		0.00607	0.00825	1	12/15/2019 05:09	WG1396623
(S) Toluene-d8	*106*			*75.0-131*		*12/15/2019 05:09*	WG1396623
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/15/2019 05:09*	WG1396623
(S) 1,2-Dichloroethane-d4	*100*			*70.0-130*		*12/15/2019 05:09*	WG1396623

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	U		0.931	5.08	1	12/15/2019 01:05	WG1395893
C22-C32 Hydrocarbons	1.77	J	1.69	5.08	1	12/15/2019 01:05	WG1395893
C32-C40 Hydrocarbons	U		1.69	5.08	1	12/15/2019 01:05	WG1395893
(S) o-Terphenyl	*65.5*			*18.0-148*		*12/15/2019 01:05*	WG1395893

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.000296	0.0254	1	12/14/2019 10:47	WG1396175
Alpha BHC	U		0.000245	0.0254	1	12/14/2019 10:47	WG1396175
Beta BHC	U		0.000385	0.0254	1	12/14/2019 10:47	WG1396175
Delta BHC	U		0.000192	0.0254	1	12/14/2019 10:47	WG1396175
Gamma BHC	U		0.000311	0.0254	1	12/14/2019 10:47	WG1396175
4,4-DDD	U		0.000208	0.0254	1	12/14/2019 10:47	WG1396175
4,4-DDE	U		0.000210	0.0254	1	12/14/2019 10:47	WG1396175
4,4-DDT	U		0.000338	0.0254	1	12/14/2019 10:47	WG1396175
Dieldrin	U		0.000113	0.00254	1	12/14/2019 10:47	WG1396175
Endosulfan I	U		0.000272	0.0254	1	12/14/2019 10:47	WG1396175
Endosulfan II	U		0.000292	0.0254	1	12/14/2019 10:47	WG1396175
Endosulfan sulfate	U		0.000216	0.0254	1	12/14/2019 10:47	WG1396175
Endrin	U		0.000278	0.0254	1	12/14/2019 10:47	WG1396175
Endrin aldehyde	U		0.000307	0.0254	1	12/14/2019 10:47	WG1396175
Endrin ketone	U		0.000202	0.0254	1	12/14/2019 10:47	WG1396175
Heptachlor	U		0.000128	0.0254	1	12/14/2019 10:47	WG1396175
Heptachlor epoxide	U		0.000480	0.0254	1	12/14/2019 10:47	WG1396175
Hexachlorobenzene	U		0.000284	0.0254	1	12/14/2019 10:47	WG1396175
Methoxychlor	U		0.000337	0.0254	1	12/14/2019 10:47	WG1396175
Chlordane	U		0.0495	0.254	1	12/14/2019 10:47	WG1396175
Toxaphene	U		0.0457	0.508	1	12/14/2019 10:47	WG1396175
(S) Decachlorobiphenyl	*59.3*			*10.0-135*		*12/14/2019 10:47*	WG1396175
(S) Tetrachloro-m-xylene	*64.8*			*10.0-139*		*12/14/2019 10:47*	WG1396175

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	81.0		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0272	J	0.00346	0.0370	1	12/16/2019 11:43	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.926	2.47	1	12/14/2019 15:55	WG1395913
Arsenic	U		0.568	2.47	1	12/14/2019 15:55	WG1395913
Barium	361		0.210	0.617	1	12/14/2019 15:55	WG1395913
Beryllium	0.574		0.0864	0.247	1	12/14/2019 15:55	WG1395913
Cadmium	0.104	J	0.0864	0.617	1	12/14/2019 15:55	WG1395913
Chromium	56.1		0.173	1.23	1	12/14/2019 15:55	WG1395913
Cobalt	7.70		0.284	1.23	1	12/14/2019 15:55	WG1395913
Copper	20.2		0.654	2.47	1	12/14/2019 15:55	WG1395913
Lead	4.62		0.234	0.617	1	12/14/2019 15:55	WG1395913
Molybdenum	U		0.197	0.617	1	12/14/2019 15:55	WG1395913
Nickel	54.2		0.605	2.47	1	12/14/2019 15:55	WG1395913
Selenium	U		0.765	2.47	1	12/14/2019 15:55	WG1395913
Silver	U		0.148	1.23	1	12/14/2019 15:55	WG1395913
Thallium	U		0.802	2.47	1	12/14/2019 15:55	WG1395913
Vanadium	42.2		0.296	2.47	1	12/14/2019 15:55	WG1395913
Zinc	45.3		0.728	6.17	1	12/14/2019 15:55	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.905	4.94	1	12/14/2019 23:09	WG1395893
C22-C32 Hydrocarbons	U		1.64	4.94	1	12/14/2019 23:09	WG1395893
C32-C40 Hydrocarbons	U		1.64	4.94	1	12/14/2019 23:09	WG1395893
(S) o-Terphenyl	*79.7*			*18.0-148*		*12/14/2019 23:09*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	80.7		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0372	J	0.00347	0.0372	1	12/16/2019 11:45	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.55	J	0.929	2.48	1	12/14/2019 15:57	WG1395913
Arsenic	6.06		0.570	2.48	1	12/14/2019 15:57	WG1395913
Barium	124		0.211	0.619	1	12/14/2019 15:57	WG1395913
Beryllium	0.421		0.0867	0.248	1	12/14/2019 15:57	WG1395913
Cadmium	0.200	J	0.0867	0.619	1	12/14/2019 15:57	WG1395913
Chromium	53.2		0.173	1.24	1	12/14/2019 15:57	WG1395913
Cobalt	15.3		0.285	1.24	1	12/14/2019 15:57	WG1395913
Copper	24.1		0.657	2.48	1	12/14/2019 15:57	WG1395913
Lead	5.72		0.235	0.619	1	12/14/2019 15:57	WG1395913
Molybdenum	0.394	J	0.198	0.619	1	12/14/2019 15:57	WG1395913
Nickel	58.1		0.607	2.48	1	12/14/2019 15:57	WG1395913
Selenium	U		0.768	2.48	1	12/14/2019 15:57	WG1395913
Silver	U		0.149	1.24	1	12/14/2019 15:57	WG1395913
Thallium	U		0.805	2.48	1	12/14/2019 15:57	WG1395913
Vanadium	64.7		0.297	2.48	1	12/14/2019 15:57	WG1395913
Zinc	52.2		0.731	6.19	1	12/14/2019 15:57	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.908	4.96	1	12/14/2019 23:24	WG1395893
C22-C32 Hydrocarbons	U		1.65	4.96	1	12/14/2019 23:24	WG1395893
C32-C40 Hydrocarbons	U		1.65	4.96	1	12/14/2019 23:24	WG1395893
(S) o-Terphenyl	*75.8*			*18.0-148*		*12/14/2019 23:24*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	79.6		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0320	J	0.00352	0.0377	1	12/16/2019 11:47	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.942	2.51	1	12/14/2019 16:00	WG1395913
Arsenic	1.99	J	0.578	2.51	1	12/14/2019 16:00	WG1395913
Barium	247		0.214	0.628	1	12/14/2019 16:00	WG1395913
Beryllium	0.714		0.0879	0.251	1	12/14/2019 16:00	WG1395913
Cadmium	0.183	J	0.0879	0.628	1	12/14/2019 16:00	WG1395913
Chromium	69.2		0.176	1.26	1	12/14/2019 16:00	WG1395913
Cobalt	12.4		0.289	1.26	1	12/14/2019 16:00	WG1395913
Copper	26.3		0.666	2.51	1	12/14/2019 16:00	WG1395913
Lead	8.02		0.239	0.628	1	12/14/2019 16:00	WG1395913
Molybdenum	U		0.201	0.628	1	12/14/2019 16:00	WG1395913
Nickel	49.9		0.615	2.51	1	12/14/2019 16:00	WG1395913
Selenium	U		0.779	2.51	1	12/14/2019 16:00	WG1395913
Silver	U		0.151	1.26	1	12/14/2019 16:00	WG1395913
Thallium	U		0.816	2.51	1	12/14/2019 16:00	WG1395913
Vanadium	66.6		0.301	2.51	1	12/14/2019 16:00	WG1395913
Zinc	41.9		0.741	6.28	1	12/14/2019 16:00	WG1395913

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	0.0762	B J	0.0417	0.126	1	12/15/2019 08:11	WG1396752
(S) a,a,a-Trifluorotoluene(FID)	*110*			*77.0-120*		*12/15/2019 08:11*	WG1396752

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.0406		0.0178	0.0327	1.04	12/15/2019 05:30	WG1396623
Acrylonitrile	U		0.00249	0.0163	1.04	12/15/2019 05:30	WG1396623
Benzene	U		0.000522	0.00131	1.04	12/15/2019 05:30	WG1396623
Bromobenzene	U		0.00137	0.0163	1.04	12/15/2019 05:30	WG1396623
Bromodichloromethane	U		0.00103	0.00327	1.04	12/15/2019 05:30	WG1396623
Bromoform	U		0.00781	0.0327	1.04	12/15/2019 05:30	WG1396623
Bromomethane	U		0.00484	0.0163	1.04	12/15/2019 05:30	WG1396623
n-Butylbenzene	U		0.00501	0.0163	1.04	12/15/2019 05:30	WG1396623
sec-Butylbenzene	U		0.00330	0.0163	1.04	12/15/2019 05:30	WG1396623
tert-Butylbenzene	U		0.00202	0.00653	1.04	12/15/2019 05:30	WG1396623
Carbon tetrachloride	U		0.00141	0.00653	1.04	12/15/2019 05:30	WG1396623
Chlorobenzene	U		0.000749	0.00327	1.04	12/15/2019 05:30	WG1396623
Chlorodibromomethane	U		0.000588	0.00327	1.04	12/15/2019 05:30	WG1396623
Chloroethane	U		0.00141	0.00653	1.04	12/15/2019 05:30	WG1396623
Chloroform	U		0.000543	0.00327	1.04	12/15/2019 05:30	WG1396623
Chloromethane	U	J4	0.00182	0.0163	1.04	12/15/2019 05:30	WG1396623
2-Chlorotoluene	U		0.00120	0.00327	1.04	12/15/2019 05:30	WG1396623
4-Chlorotoluene	U		0.00148	0.00653	1.04	12/15/2019 05:30	WG1396623

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	U		0.00666	0.0327	1.04	12/15/2019 05:30	WG1396623
1,2-Dibromoethane	U		0.000686	0.00327	1.04	12/15/2019 05:30	WG1396623
Dibromomethane	U		0.00131	0.00653	1.04	12/15/2019 05:30	WG1396623
1,2-Dichlorobenzene	U		0.00190	0.00653	1.04	12/15/2019 05:30	WG1396623
1,3-Dichlorobenzene	U		0.00222	0.00653	1.04	12/15/2019 05:30	WG1396623
1,4-Dichlorobenzene	U		0.00257	0.00653	1.04	12/15/2019 05:30	WG1396623
Dichlorodifluoromethane	U		0.00107	0.00327	1.04	12/15/2019 05:30	WG1396623
1,1-Dichloroethane	U		0.000751	0.00327	1.04	12/15/2019 05:30	WG1396623
1,2-Dichloroethane	U		0.000620	0.00327	1.04	12/15/2019 05:30	WG1396623
1,1-Dichloroethene	U		0.000653	0.00327	1.04	12/15/2019 05:30	WG1396623
cis-1,2-Dichloroethene	U		0.000902	0.00327	1.04	12/15/2019 05:30	WG1396623
trans-1,2-Dichloroethene	U		0.00187	0.00653	1.04	12/15/2019 05:30	WG1396623
1,2-Dichloropropane	U	J4	0.00166	0.00653	1.04	12/15/2019 05:30	WG1396623
1,1-Dichloropropene	U		0.000914	0.00327	1.04	12/15/2019 05:30	WG1396623
1,3-Dichloropropane	U		0.00229	0.00653	1.04	12/15/2019 05:30	WG1396623
cis-1,3-Dichloropropene	U		0.000885	0.00327	1.04	12/15/2019 05:30	WG1396623
trans-1,3-Dichloropropene	U		0.00200	0.00653	1.04	12/15/2019 05:30	WG1396623
2,2-Dichloropropane	U	J4	0.00104	0.00327	1.04	12/15/2019 05:30	WG1396623
Di-isopropyl ether	U	J4	0.000457	0.00131	1.04	12/15/2019 05:30	WG1396623
Ethylbenzene	U		0.000692	0.00327	1.04	12/15/2019 05:30	WG1396623
Hexachloro-1,3-butadiene	U		0.0166	0.0327	1.04	12/15/2019 05:30	WG1396623
Isopropylbenzene	U		0.00113	0.00327	1.04	12/15/2019 05:30	WG1396623
p-Isopropyltoluene	U		0.00304	0.00653	1.04	12/15/2019 05:30	WG1396623
2-Butanone (MEK)	0.0264	B J	0.0163	0.0327	1.04	12/15/2019 05:30	WG1396623
Methylene Chloride	U		0.00868	0.0327	1.04	12/15/2019 05:30	WG1396623
4-Methyl-2-pentanone (MIBK)	U		0.0131	0.0327	1.04	12/15/2019 05:30	WG1396623
Methyl tert-butyl ether	U		0.000386	0.00131	1.04	12/15/2019 05:30	WG1396623
Naphthalene	U		0.00407	0.0163	1.04	12/15/2019 05:30	WG1396623
n-Propylbenzene	U		0.00154	0.00653	1.04	12/15/2019 05:30	WG1396623
Styrene	U		0.00357	0.0163	1.04	12/15/2019 05:30	WG1396623
1,1,1,2-Tetrachloroethane	U		0.000653	0.00327	1.04	12/15/2019 05:30	WG1396623
1,1,2,2-Tetrachloroethane	U		0.000510	0.00327	1.04	12/15/2019 05:30	WG1396623
1,1,2-Trichlorotrifluoroethane	U		0.000882	0.00327	1.04	12/15/2019 05:30	WG1396623
Tetrachloroethene	U		0.000914	0.00327	1.04	12/15/2019 05:30	WG1396623
Toluene	0.0124		0.00163	0.00653	1.04	12/15/2019 05:30	WG1396623
1,2,3-Trichlorobenzene	U		0.000816	0.00327	1.04	12/15/2019 05:30	WG1396623
1,2,4-Trichlorobenzene	U		0.00629	0.0163	1.04	12/15/2019 05:30	WG1396623
1,1,1-Trichloroethane	U		0.000359	0.00327	1.04	12/15/2019 05:30	WG1396623
1,1,2-Trichloroethane	U		0.00115	0.00327	1.04	12/15/2019 05:30	WG1396623
Trichloroethene	U		0.000522	0.00131	1.04	12/15/2019 05:30	WG1396623
Trichlorofluoromethane	U		0.000653	0.00327	1.04	12/15/2019 05:30	WG1396623
1,2,3-Trichloropropane	U		0.00666	0.0163	1.04	12/15/2019 05:30	WG1396623
1,2,4-Trimethylbenzene	U		0.00152	0.00653	1.04	12/15/2019 05:30	WG1396623
1,2,3-Trimethylbenzene	U		0.00151	0.00653	1.04	12/15/2019 05:30	WG1396623
1,3,5-Trimethylbenzene	U		0.00141	0.00653	1.04	12/15/2019 05:30	WG1396623
Vinyl chloride	U		0.000892	0.00327	1.04	12/15/2019 05:30	WG1396623
Xylenes, Total	U		0.00624	0.00849	1.04	12/15/2019 05:30	WG1396623
(S) Toluene-d8	*108*			*75.0-131*		*12/15/2019 05:30*	WG1396623
(S) 4-Bromofluorobenzene	*102*			*67.0-138*		*12/15/2019 05:30*	WG1396623
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*12/15/2019 05:30*	WG1396623

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	1.65	J	0.921	5.02	1	12/15/2019 01:34	WG1395893
C22-C32 Hydrocarbons	4.41	J	1.67	5.02	1	12/15/2019 01:34	WG1395893
C32-C40 Hydrocarbons	3.49	J	1.67	5.02	1	12/15/2019 01:34	WG1395893
(S) o-Terphenyl	*65.9*			*18.0-148*		*12/15/2019 01:34*	WG1395893

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.000293	0.0251	1	12/14/2019 11:00	WG1396175
Alpha BHC	U		0.000242	0.0251	1	12/14/2019 11:00	WG1396175
Beta BHC	U		0.000381	0.0251	1	12/14/2019 11:00	WG1396175
Delta BHC	U		0.000190	0.0251	1	12/14/2019 11:00	WG1396175
Gamma BHC	U		0.000308	0.0251	1	12/14/2019 11:00	WG1396175
4,4-DDD	U		0.000206	0.0251	1	12/14/2019 11:00	WG1396175
4,4-DDE	U		0.000207	0.0251	1	12/14/2019 11:00	WG1396175
4,4-DDT	U		0.000334	0.0251	1	12/14/2019 11:00	WG1396175
Dieldrin	U		0.000112	0.00251	1	12/14/2019 11:00	WG1396175
Endosulfan I	U		0.000269	0.0251	1	12/14/2019 11:00	WG1396175
Endosulfan II	U		0.000289	0.0251	1	12/14/2019 11:00	WG1396175
Endosulfan sulfate	U		0.000214	0.0251	1	12/14/2019 11:00	WG1396175
Endrin	U		0.000275	0.0251	1	12/14/2019 11:00	WG1396175
Endrin aldehyde	U		0.000304	0.0251	1	12/14/2019 11:00	WG1396175
Endrin ketone	U		0.000200	0.0251	1	12/14/2019 11:00	WG1396175
Heptachlor	U		0.000127	0.0251	1	12/14/2019 11:00	WG1396175
Heptachlor epoxide	U		0.000475	0.0251	1	12/14/2019 11:00	WG1396175
Hexachlorobenzene	U		0.000281	0.0251	1	12/14/2019 11:00	WG1396175
Methoxychlor	U		0.000333	0.0251	1	12/14/2019 11:00	WG1396175
Chlordane	U		0.0490	0.251	1	12/14/2019 11:00	WG1396175
Toxaphene	U		0.0452	0.502	1	12/14/2019 11:00	WG1396175
(S) Decachlorobiphenyl	*66.8*			*10.0-135*		*12/14/2019 11:00*	WG1396175
(S) Tetrachloro-m-xylene	*72.3*			*10.0-139*		*12/14/2019 11:00*	WG1396175

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	83.1		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0418		0.00337	0.0361	1	12/16/2019 11:49	WG1396021

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.903	2.41	1	12/14/2019 16:02	WG1395913
Arsenic	U		0.554	2.41	1	12/14/2019 16:02	WG1395913
Barium	257		0.205	0.602	1	12/14/2019 16:02	WG1395913
Beryllium	0.517		0.0843	0.241	1	12/14/2019 16:02	WG1395913
Cadmium	0.141	J	0.0843	0.602	1	12/14/2019 16:02	WG1395913
Chromium	67.2		0.169	1.20	1	12/14/2019 16:02	WG1395913
Cobalt	11.3		0.277	1.20	1	12/14/2019 16:02	WG1395913
Copper	21.4		0.638	2.41	1	12/14/2019 16:02	WG1395913
Lead	4.76		0.229	0.602	1	12/14/2019 16:02	WG1395913
Molybdenum	U		0.193	0.602	1	12/14/2019 16:02	WG1395913
Nickel	61.0		0.590	2.41	1	12/14/2019 16:02	WG1395913
Selenium	U		0.746	2.41	1	12/14/2019 16:02	WG1395913
Silver	U		0.144	1.20	1	12/14/2019 16:02	WG1395913
Thallium	U		0.782	2.41	1	12/14/2019 16:02	WG1395913
Vanadium	54.8		0.289	2.41	1	12/14/2019 16:02	WG1395913
Zinc	60.2		0.710	6.02	1	12/14/2019 16:02	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.882	4.81	1	12/15/2019 01:49	WG1395893
C22-C32 Hydrocarbons	U		1.60	4.81	1	12/15/2019 01:49	WG1395893
C32-C40 Hydrocarbons	U		1.60	4.81	1	12/15/2019 01:49	WG1395893
(S) o-Terphenyl	*79.6*			*18.0-148*		*12/15/2019 01:49*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	84.6		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0376		0.00331	0.0354	1	12/16/2019 19:36	WG1396619

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	U		0.886	2.36	1	12/14/2019 16:10	WG1395913
Arsenic	2.41		0.543	2.36	1	12/14/2019 16:10	WG1395913
Barium	158		0.201	0.591	1	12/14/2019 16:10	WG1395913
Beryllium	0.455		0.0827	0.236	1	12/14/2019 16:10	WG1395913
Cadmium	0.240	J	0.0827	0.591	1	12/14/2019 16:10	WG1395913
Chromium	55.5		0.165	1.18	1	12/14/2019 16:10	WG1395913
Cobalt	26.2		0.272	1.18	1	12/14/2019 16:10	WG1395913
Copper	21.9		0.626	2.36	1	12/14/2019 16:10	WG1395913
Lead	6.26		0.224	0.591	1	12/14/2019 16:10	WG1395913
Molybdenum	0.277	J	0.189	0.591	1	12/14/2019 16:10	WG1395913
Nickel	87.5		0.579	2.36	1	12/14/2019 16:10	WG1395913
Selenium	U		0.733	2.36	1	12/14/2019 16:10	WG1395913
Silver	U		0.142	1.18	1	12/14/2019 16:10	WG1395913
Thallium	U		0.768	2.36	1	12/14/2019 16:10	WG1395913
Vanadium	54.9		0.284	2.36	1	12/14/2019 16:10	WG1395913
Zinc	38.0		0.697	5.91	1	12/14/2019 16:10	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.866	4.73	1	12/14/2019 23:38	WG1395893
C22-C32 Hydrocarbons	U		1.57	4.73	1	12/14/2019 23:38	WG1395893
C32-C40 Hydrocarbons	U		1.57	4.73	1	12/14/2019 23:38	WG1395893
(S) o-Terphenyl	*85.3*			*18.0-148*		*12/14/2019 23:38*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.2		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0637		0.00329	0.0352	1	12/16/2019 19:38	WG1396619

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.30	J	0.881	2.35	1	12/14/2019 16:13	WG1395913
Arsenic	1.84	J	0.540	2.35	1	12/14/2019 16:13	WG1395913
Barium	133		0.200	0.587	1	12/14/2019 16:13	WG1395913
Beryllium	0.489		0.0822	0.235	1	12/14/2019 16:13	WG1395913
Cadmium	0.127	J	0.0822	0.587	1	12/14/2019 16:13	WG1395913
Chromium	63.3		0.164	1.17	1	12/14/2019 16:13	WG1395913
Cobalt	12.0		0.270	1.17	1	12/14/2019 16:13	WG1395913
Copper	20.5		0.622	2.35	1	12/14/2019 16:13	WG1395913
Lead	16.5		0.223	0.587	1	12/14/2019 16:13	WG1395913
Molybdenum	U		0.188	0.587	1	12/14/2019 16:13	WG1395913
Nickel	57.0		0.575	2.35	1	12/14/2019 16:13	WG1395913
Selenium	U		0.728	2.35	1	12/14/2019 16:13	WG1395913
Silver	U		0.141	1.17	1	12/14/2019 16:13	WG1395913
Thallium	U		0.763	2.35	1	12/14/2019 16:13	WG1395913
Vanadium	49.3		0.282	2.35	1	12/14/2019 16:13	WG1395913
Zinc	46.2		0.693	5.87	1	12/14/2019 16:13	WG1395913

Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
TPHG C5 - C12	0.180	B	0.0390	0.117	1	12/15/2019 08:33	WG1396752
(S) a,a,a-Trifluorotoluene(FID)	*105*			*77.0-120*		*12/15/2019 08:33*	WG1396752

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Acetone	0.0648		0.0161	0.0294	1	12/15/2019 05:50	WG1396623
Acrylonitrile	U		0.00223	0.0147	1	12/15/2019 05:50	WG1396623
Benzene	0.000567	J	0.000470	0.00117	1	12/15/2019 05:50	WG1396623
Bromobenzene	U		0.00123	0.0147	1	12/15/2019 05:50	WG1396623
Bromodichloromethane	U		0.000925	0.00294	1	12/15/2019 05:50	WG1396623
Bromoform	U		0.00702	0.0294	1	12/15/2019 05:50	WG1396623
Bromomethane	U		0.00434	0.0147	1	12/15/2019 05:50	WG1396623
n-Butylbenzene	U		0.00451	0.0147	1	12/15/2019 05:50	WG1396623
sec-Butylbenzene	U		0.00297	0.0147	1	12/15/2019 05:50	WG1396623
tert-Butylbenzene	U		0.00182	0.00587	1	12/15/2019 05:50	WG1396623
Carbon tetrachloride	U		0.00127	0.00587	1	12/15/2019 05:50	WG1396623
Chlorobenzene	U		0.000673	0.00294	1	12/15/2019 05:50	WG1396623
Chlorodibromomethane	U		0.000528	0.00294	1	12/15/2019 05:50	WG1396623
Chloroethane	U		0.00127	0.00587	1	12/15/2019 05:50	WG1396623
Chloroform	U		0.000487	0.00294	1	12/15/2019 05:50	WG1396623
Chloromethane	U	J4	0.00163	0.0147	1	12/15/2019 05:50	WG1396623
2-Chlorotoluene	U		0.00108	0.00294	1	12/15/2019 05:50	WG1396623
4-Chlorotoluene	U		0.00133	0.00587	1	12/15/2019 05:50	WG1396623

Volatile Organic Compounds (GC/MS) by Method 8260B

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
1,2-Dibromo-3-Chloropropane	U		0.00599	0.0294	1	12/15/2019 05:50	WG1396623
1,2-Dibromoethane	U		0.000616	0.00294	1	12/15/2019 05:50	WG1396623
Dibromomethane	U		0.00117	0.00587	1	12/15/2019 05:50	WG1396623
1,2-Dichlorobenzene	U		0.00170	0.00587	1	12/15/2019 05:50	WG1396623
1,3-Dichlorobenzene	U		0.00200	0.00587	1	12/15/2019 05:50	WG1396623
1,4-Dichlorobenzene	U		0.00231	0.00587	1	12/15/2019 05:50	WG1396623
Dichlorodifluoromethane	U		0.000960	0.00294	1	12/15/2019 05:50	WG1396623
1,1-Dichloroethane	U		0.000675	0.00294	1	12/15/2019 05:50	WG1396623
1,2-Dichloroethane	U		0.000558	0.00294	1	12/15/2019 05:50	WG1396623
1,1-Dichloroethene	U		0.000587	0.00294	1	12/15/2019 05:50	WG1396623
cis-1,2-Dichloroethene	U		0.000810	0.00294	1	12/15/2019 05:50	WG1396623
trans-1,2-Dichloroethene	U		0.00168	0.00587	1	12/15/2019 05:50	WG1396623
1,2-Dichloropropane	U	J4	0.00149	0.00587	1	12/15/2019 05:50	WG1396623
1,1-Dichloropropene	U		0.000822	0.00294	1	12/15/2019 05:50	WG1396623
1,3-Dichloropropane	U		0.00205	0.00587	1	12/15/2019 05:50	WG1396623
cis-1,3-Dichloropropene	U		0.000796	0.00294	1	12/15/2019 05:50	WG1396623
trans-1,3-Dichloropropene	U		0.00180	0.00587	1	12/15/2019 05:50	WG1396623
2,2-Dichloropropane	U	J4	0.000931	0.00294	1	12/15/2019 05:50	WG1396623
Di-isopropyl ether	U	J4	0.000411	0.00117	1	12/15/2019 05:50	WG1396623
Ethylbenzene	U		0.000622	0.00294	1	12/15/2019 05:50	WG1396623
Hexachloro-1,3-butadiene	U		0.0149	0.0294	1	12/15/2019 05:50	WG1396623
Isopropylbenzene	U		0.00101	0.00294	1	12/15/2019 05:50	WG1396623
p-Isopropyltoluene	U		0.00274	0.00587	1	12/15/2019 05:50	WG1396623
2-Butanone (MEK)	0.0256	B J	0.0147	0.0294	1	12/15/2019 05:50	WG1396623
Methylene Chloride	U		0.00780	0.0294	1	12/15/2019 05:50	WG1396623
4-Methyl-2-pentanone (MIBK)	U		0.0117	0.0294	1	12/15/2019 05:50	WG1396623
Methyl tert-butyl ether	U		0.000346	0.00117	1	12/15/2019 05:50	WG1396623
Naphthalene	U		0.00366	0.0147	1	12/15/2019 05:50	WG1396623
n-Propylbenzene	U		0.00139	0.00587	1	12/15/2019 05:50	WG1396623
Styrene	U		0.00321	0.0147	1	12/15/2019 05:50	WG1396623
1,1,1,2-Tetrachloroethane	U		0.000587	0.00294	1	12/15/2019 05:50	WG1396623
1,1,2,2-Tetrachloroethane	U		0.000458	0.00294	1	12/15/2019 05:50	WG1396623
1,1,2-Trichlorotrifluoroethane	U		0.000792	0.00294	1	12/15/2019 05:50	WG1396623
Tetrachloroethene	U		0.000822	0.00294	1	12/15/2019 05:50	WG1396623
Toluene	0.0169		0.00147	0.00587	1	12/15/2019 05:50	WG1396623
1,2,3-Trichlorobenzene	U		0.000734	0.00294	1	12/15/2019 05:50	WG1396623
1,2,4-Trichlorobenzene	U		0.00566	0.0147	1	12/15/2019 05:50	WG1396623
1,1,1-Trichloroethane	U		0.000323	0.00294	1	12/15/2019 05:50	WG1396623
1,1,2-Trichloroethane	U		0.00104	0.00294	1	12/15/2019 05:50	WG1396623
Trichloroethene	U		0.000470	0.00117	1	12/15/2019 05:50	WG1396623
Trichlorofluoromethane	U		0.000587	0.00294	1	12/15/2019 05:50	WG1396623
1,2,3-Trichloropropane	U		0.00599	0.0147	1	12/15/2019 05:50	WG1396623
1,2,4-Trimethylbenzene	U		0.00136	0.00587	1	12/15/2019 05:50	WG1396623
1,2,3-Trimethylbenzene	U		0.00135	0.00587	1	12/15/2019 05:50	WG1396623
1,3,5-Trimethylbenzene	U		0.00127	0.00587	1	12/15/2019 05:50	WG1396623
Vinyl chloride	U		0.000802	0.00294	1	12/15/2019 05:50	WG1396623
Xylenes, Total	U		0.00561	0.00763	1	12/15/2019 05:50	WG1396623
(S) Toluene-d8	*106*			*75.0-131*		*12/15/2019 05:50*	WG1396623
(S) 4-Bromofluorobenzene	*104*			*67.0-138*		*12/15/2019 05:50*	WG1396623
(S) 1,2-Dichloroethane-d4	*99.6*			*70.0-130*		*12/15/2019 05:50*	WG1396623

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
C12-C22 Hydrocarbons	3.15	J	1.73	9.39	2	12/15/2019 14:32	WG1395893
C22-C32 Hydrocarbons	35.0		3.12	9.39	2	12/15/2019 14:32	WG1395893
C32-C40 Hydrocarbons	31.3		3.12	9.39	2	12/15/2019 14:32	WG1395893
(S) o-Terphenyl	*78.9*			*18.0-148*		*12/15/2019 14:32*	WG1395893

Pesticides (GC) by Method 8081

Analyte	Result (dry) mg/kg	Qualifier	MDL (dry) mg/kg	RDL (dry) mg/kg	Dilution	Analysis date / time	Batch
Aldrin	U		0.000274	0.0235	1	12/14/2019 11:12	WG1396175
Alpha BHC	U		0.000227	0.0235	1	12/14/2019 11:12	WG1396175
Beta BHC	U		0.000356	0.0235	1	12/14/2019 11:12	WG1396175
Delta BHC	U		0.000177	0.0235	1	12/14/2019 11:12	WG1396175
Gamma BHC	U		0.000288	0.0235	1	12/14/2019 11:12	WG1396175
4,4-DDD	U		0.000193	0.0235	1	12/14/2019 11:12	WG1396175
4,4-DDE	U		0.000194	0.0235	1	12/14/2019 11:12	WG1396175
4,4-DDT	U		0.000312	0.0235	1	12/14/2019 11:12	WG1396175
Dieldrin	U		0.000104	0.00235	1	12/14/2019 11:12	WG1396175
Endosulfan I	U		0.000251	0.0235	1	12/14/2019 11:12	WG1396175
Endosulfan II	U		0.000270	0.0235	1	12/14/2019 11:12	WG1396175
Endosulfan sulfate	U		0.000200	0.0235	1	12/14/2019 11:12	WG1396175
Endrin	U		0.000257	0.0235	1	12/14/2019 11:12	WG1396175
Endrin aldehyde	U		0.000284	0.0235	1	12/14/2019 11:12	WG1396175
Endrin ketone	U		0.000187	0.0235	1	12/14/2019 11:12	WG1396175
Heptachlor	U		0.000119	0.0235	1	12/14/2019 11:12	WG1396175
Heptachlor epoxide	U		0.000444	0.0235	1	12/14/2019 11:12	WG1396175
Hexachlorobenzene	U		0.000263	0.0235	1	12/14/2019 11:12	WG1396175
Methoxychlor	U		0.000311	0.0235	1	12/14/2019 11:12	WG1396175
Chlordane	U		0.0458	0.235	1	12/14/2019 11:12	WG1396175
Toxaphene	U		0.0423	0.470	1	12/14/2019 11:12	WG1396175
(S) Decachlorobiphenyl	*34.4*			*10.0-135*		*12/14/2019 11:12*	WG1396175
(S) Tetrachloro-m-xylene	*37.0*			*10.0-139*		*12/14/2019 11:12*	WG1396175

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.4		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0286	J	0.00328	0.0351	1	12/16/2019 19:45	WG1396619

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	0.936	J	0.878	2.34	1	12/14/2019 16:15	WG1395913
Arsenic	3.40		0.539	2.34	1	12/14/2019 16:15	WG1395913
Barium	111		0.199	0.585	1	12/14/2019 16:15	WG1395913
Beryllium	0.404		0.0820	0.234	1	12/14/2019 16:15	WG1395913
Cadmium	0.162	J	0.0820	0.585	1	12/14/2019 16:15	WG1395913
Chromium	54.0		0.164	1.17	1	12/14/2019 16:15	WG1395913
Cobalt	10.7		0.269	1.17	1	12/14/2019 16:15	WG1395913
Copper	20.1		0.620	2.34	1	12/14/2019 16:15	WG1395913
Lead	5.61		0.222	0.585	1	12/14/2019 16:15	WG1395913
Molybdenum	U		0.187	0.585	1	12/14/2019 16:15	WG1395913
Nickel	41.9		0.574	2.34	1	12/14/2019 16:15	WG1395913
Selenium	U		0.726	2.34	1	12/14/2019 16:15	WG1395913
Silver	U		0.140	1.17	1	12/14/2019 16:15	WG1395913
Thallium	U		0.761	2.34	1	12/14/2019 16:15	WG1395913
Vanadium	45.4		0.281	2.34	1	12/14/2019 16:15	WG1395913
Zinc	39.9		0.691	5.85	1	12/14/2019 16:15	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	0.871	J	0.858	4.68	1	12/15/2019 02:18	WG1395893
C22-C32 Hydrocarbons	4.76		1.56	4.68	1	12/15/2019 02:18	WG1395893
C32-C40 Hydrocarbons	4.21	J	1.56	4.68	1	12/15/2019 02:18	WG1395893
(S) o-Terphenyl	*78.9*			*18.0-148*		*12/15/2019 02:18*	WG1395893

Total Solids by Method 2540 G-2011

Analyte	Result	Qualifier	Dilution	Analysis	Batch
	%			date / time	
Total Solids	85.4		1	12/14/2019 13:45	WG1396077

Mercury by Method 7471A

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Mercury	0.0269	J	0.00328	0.0351	1	12/16/2019 19:47	WG1396619

Metals (ICP) by Method 6010B

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
Antimony	1.27	J	0.878	2.34	1	12/14/2019 16:18	WG1395913
Arsenic	3.76		0.539	2.34	1	12/14/2019 16:18	WG1395913
Barium	124		0.199	0.586	1	12/14/2019 16:18	WG1395913
Beryllium	0.521		0.0820	0.234	1	12/14/2019 16:18	WG1395913
Cadmium	0.124	J	0.0820	0.586	1	12/14/2019 16:18	WG1395913
Chromium	60.1		0.164	1.17	1	12/14/2019 16:18	WG1395913
Cobalt	14.6		0.269	1.17	1	12/14/2019 16:18	WG1395913
Copper	20.0		0.621	2.34	1	12/14/2019 16:18	WG1395913
Lead	6.78		0.223	0.586	1	12/14/2019 16:18	WG1395913
Molybdenum	0.349	J	0.187	0.586	1	12/14/2019 16:18	WG1395913
Nickel	67.0		0.574	2.34	1	12/14/2019 16:18	WG1395913
Selenium	U		0.726	2.34	1	12/14/2019 16:18	WG1395913
Silver	U		0.141	1.17	1	12/14/2019 16:18	WG1395913
Thallium	U		0.761	2.34	1	12/14/2019 16:18	WG1395913
Vanadium	60.1		0.281	2.34	1	12/14/2019 16:18	WG1395913
Zinc	40.6		0.691	5.86	1	12/14/2019 16:18	WG1395913

Semi-Volatile Organic Compounds (GC) by Method 8015

Analyte	Result (dry)	Qualifier	MDL (dry)	RDL (dry)	Dilution	Analysis	Batch
	mg/kg		mg/kg	mg/kg		date / time	
C12-C22 Hydrocarbons	U		0.858	4.68	1	12/14/2019 23:53	WG1395893
C22-C32 Hydrocarbons	U		1.56	4.68	1	12/14/2019 23:53	WG1395893
C32-C40 Hydrocarbons	U		1.56	4.68	1	12/14/2019 23:53	WG1395893
(S) o-Terphenyl	*90.8*			*18.0-148*		*12/14/2019 23:53*	WG1395893

Method Blank (MB)

(MB) R3482655-1 12/14/19 13:55

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	%		%	%
Total Solids	0.000			

L1170105-32 Original Sample (OS) • Duplicate (DUP)

(OS) L1170105-32 12/14/19 13:55 • (DUP) R3482655-3 12/14/19 13:55

Analyte	Original Result	DUP Result	Dilution	DUP RPD	DUP Qualifier	DUP RPD Limits
	%	%		%		%
Total Solids	96.0	95.9	1	0.109		10

Laboratory Control Sample (LCS)

(LCS) R3482655-2 12/14/19 13:55

Analyte	Spike Amount	LCS Result	LCS Rec.	Rec. Limits	LCS Qualifier
	%	%	%	%	
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3482654-1 12/14/19 13:45

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Total Solids	0.000			

L1170116-11 Original Sample (OS) • Duplicate (DUP)

(OS) L1170116-11 12/14/19 13:45 • (DUP) R3482654-3 12/14/19 13:45

Analyte	Original Result %	DUP Result %	Dilution	DUP RPD %	DUP Qualifier	DUP RPD Limits %
Total Solids	83.1	83.1	1	0.0171		10

Laboratory Control Sample (LCS)

(LCS) R3482654-2 12/14/19 13:45

Analyte	Spike Amount %	LCS Result %	LCS Rec. %	Rec. Limits %	LCS Qualifier
Total Solids	50.0	50.0	100	85.0-115	

Method Blank (MB)

(MB) R3482781-1 12/16/19 11:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.00280	0.0300

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3482781-2 12/16/19 11:12 • (LCSD) R3482781-3 12/16/19 11:14

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	0.485	0.418	97.0	83.7	80.0-120			14.8	20

L1170231-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170231-04 12/16/19 11:16 • (MS) R3482781-4 12/16/19 11:18 • (MSD) R3482781-5 12/16/19 11:21

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.591	ND	0.368	0.360	59.7	58.4	1	75.0-125	J6	J6	2.03	20

Method Blank (MB)

(MB) R3482958-1 12/16/19 18:52

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Mercury	U		0.00280	0.0300

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3482958-2 12/16/19 18:54 • (LCSD) R3482958-3 12/16/19 18:57

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	0.455	0.475	91.0	95.0	80.0-120			4.30	20

L1170385-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170385-01 12/16/19 18:59 • (MS) R3482958-4 12/16/19 19:01 • (MSD) R3482958-5 12/16/19 19:03

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Mercury	0.500	ND	0.453	0.430	86.9	82.1	1	75.0-125			5.33	20

Method Blank (MB)

(MB) R3482546-1 12/14/19 15:08

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Antimony	U		0.750	2.00
Arsenic	U		0.460	2.00
Barium	U		0.170	0.500
Beryllium	U		0.0700	0.200
Cadmium	U		0.0700	0.500
Chromium	0.171	J	0.140	1.00
Cobalt	U		0.230	1.00
Copper	U		0.530	2.00
Lead	0.373	J	0.190	0.500
Molybdenum	U		0.160	0.500
Nickel	U		0.490	2.00
Selenium	U		0.620	2.00
Silver	U		0.120	1.00
Thallium	U		0.650	2.00
Vanadium	0.495	J	0.240	2.00
Zinc	U		0.590	5.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3482546-2 12/14/19 15:11 • (LCSD) R3482546-3 12/14/19 15:13

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Antimony	100	97.1	97.6	97.1	97.6	80.0-120			0.568	20
Arsenic	100	93.5	94.0	93.5	94.0	80.0-120			0.523	20
Barium	100	99.5	99.9	99.5	99.9	80.0-120			0.346	20
Beryllium	100	98.8	98.6	98.8	98.6	80.0-120			0.161	20
Cadmium	100	95.2	95.4	95.2	95.4	80.0-120			0.226	20
Chromium	100	98.8	98.8	98.8	98.8	80.0-120			0.00589	20
Cobalt	100	97.8	97.8	97.8	97.8	80.0-120			0.0322	20
Copper	100	98.3	98.3	98.3	98.3	80.0-120			0.0341	20
Lead	100	96.6	97.3	96.6	97.3	80.0-120			0.707	20
Molybdenum	100	101	100	101	100	80.0-120			0.208	20
Nickel	100	96.9	97.0	96.9	97.0	80.0-120			0.0865	20
Selenium	100	93.1	94.4	93.1	94.4	80.0-120			1.36	20
Silver	20.0	18.4	18.5	92.1	92.3	80.0-120			0.121	20
Thallium	100	97.2	98.0	97.2	98.0	80.0-120			0.767	20
Vanadium	100	97.7	97.2	97.7	97.2	80.0-120			0.451	20
Zinc	100	96.0	96.1	96.0	96.1	80.0-120			0.140	20

L1170231-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170231-04 12/14/19 15:16 • (MS) R3482546-6 12/14/19 15:23 • (MSD) R3482546-7 12/14/19 15:26

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Antimony	118	ND	63.1	62.0	53.4	52.4	1	75.0-125	J6	J6	1.80	20
Arsenic	118	ND	95.1	98.7	79.7	82.8	1	75.0-125			3.79	20
Barium	118	197	598	411	339	181	1	75.0-125	J5	J3 J5	37.1	20
Beryllium	118	0.742	99.9	103	83.9	86.1	1	75.0-125			2.61	20
Cadmium	118	ND	97.5	99.7	82.5	84.4	1	75.0-125			2.30	20
Chromium	118	16.2	117	119	85.0	87.0	1	75.0-125			1.96	20
Cobalt	118	20.7	126	128	89.0	90.7	1	75.0-125			1.67	20
Copper	118	6.62	110	112	87.1	88.8	1	75.0-125			1.82	20
Lead	118	9.13	114	117	88.8	90.9	1	75.0-125			2.22	20
Molybdenum	118	ND	98.5	99.4	83.3	84.0	1	75.0-125			0.851	20
Nickel	118	19.0	123	126	87.8	90.2	1	75.0-125			2.30	20
Selenium	118	ND	94.0	96.6	79.5	81.7	1	75.0-125			2.69	20
Silver	23.6	ND	18.8	19.3	79.4	81.6	1	75.0-125			2.70	20
Thallium	118	ND	104	107	87.6	90.9	1	75.0-125			3.71	20
Vanadium	118	28.9	130	132	85.8	87.3	1	75.0-125			1.41	20
Zinc	118	28.3	126	128	82.6	84.0	1	75.0-125			1.38	20

Method Blank (MB)

(MB) R3483195-3 12/15/19 07:05

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
TPHG C5 - C12	0.0593	J	0.0332	0.100
(S) a,a,a-Trifluorotoluene(FID)	*112*			*77.0-120*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3483195-1 12/15/19 05:56 • (LCSD) R3483195-2 12/15/19 06:20

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCSD Result mg/kg	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPHG C5 - C12	5.50	6.53	6.61	119	120	72.0-125			1.22	20
(S) a,a,a-Trifluorotoluene(FID)				*115*	*116*	*77.0-120*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3482753-2 12/15/19 02:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Acetone	U		0.0137	0.0250
Acrylonitrile	U		0.00190	0.0125
Benzene	U		0.000400	0.00100
Bromobenzene	U		0.00105	0.0125
Bromodichloromethane	U		0.000788	0.00250
Bromoform	U		0.00598	0.0250
Bromomethane	U		0.00370	0.0125
n-Butylbenzene	U		0.00384	0.0125
sec-Butylbenzene	U		0.00253	0.0125
tert-Butylbenzene	U		0.00155	0.00500
Carbon tetrachloride	U		0.00108	0.00500
Chlorobenzene	U		0.000573	0.00250
Chlorodibromomethane	U		0.000450	0.00250
Chloroethane	U		0.00108	0.00500
Chloroform	U		0.000415	0.00250
Chloromethane	U		0.00139	0.0125
2-Chlorotoluene	U		0.000920	0.00250
4-Chlorotoluene	U		0.00113	0.00500
1,2-Dibromo-3-Chloropropane	U		0.00510	0.0250
1,2-Dibromoethane	U		0.000525	0.00250
Dibromomethane	U		0.00100	0.00500
1,2-Dichlorobenzene	U		0.00145	0.00500
1,3-Dichlorobenzene	U		0.00170	0.00500
1,4-Dichlorobenzene	U		0.00197	0.00500
Dichlorodifluoromethane	U		0.000818	0.00250
1,1-Dichloroethane	U		0.000575	0.00250
1,2-Dichloroethane	U		0.000475	0.00250
1,1-Dichloroethene	U		0.000500	0.00250
cis-1,2-Dichloroethene	U		0.000690	0.00250
trans-1,2-Dichloroethene	U		0.00143	0.00500
1,2-Dichloropropane	U		0.00127	0.00500
1,1-Dichloropropene	U		0.000700	0.00250
1,3-Dichloropropane	U		0.00175	0.00500
cis-1,3-Dichloropropene	U		0.000678	0.00250
trans-1,3-Dichloropropene	U		0.00153	0.00500
2,2-Dichloropropane	U		0.000793	0.00250
Di-isopropyl ether	U		0.000350	0.00100
Ethylbenzene	U		0.000530	0.00250
Hexachloro-1,3-butadiene	U		0.0127	0.0250
Isopropylbenzene	U		0.000863	0.00250

Method Blank (MB)

(MB) R3482753-2 12/15/19 02:03

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
p-Isopropyltoluene	U		0.00233	0.00500
2-Butanone (MEK)	0.0416		0.0125	0.0250
Methylene Chloride	U		0.00664	0.0250
4-Methyl-2-pentanone (MIBK)	U		0.0100	0.0250
Methyl tert-butyl ether	U		0.000295	0.00100
Naphthalene	U		0.00312	0.0125
n-Propylbenzene	U		0.00118	0.00500
Styrene	U		0.00273	0.0125
1,1,1,2-Tetrachloroethane	U		0.000500	0.00250
1,1,2,2-Tetrachloroethane	U		0.000390	0.00250
Tetrachloroethene	U		0.000700	0.00250
Toluene	U		0.00125	0.00500
1,1,2-Trichlorotrifluoroethane	U		0.000675	0.00250
1,2,3-Trichlorobenzene	U		0.000625	0.00250
1,2,4-Trichlorobenzene	U		0.00482	0.0125
1,1,1-Trichloroethane	U		0.000275	0.00250
1,1,2-Trichloroethane	U		0.000883	0.00250
Trichloroethene	U		0.000400	0.00100
Trichlorofluoromethane	U		0.000500	0.00250
1,2,3-Trichloropropane	U		0.00510	0.0125
1,2,3-Trimethylbenzene	U		0.00115	0.00500
1,2,4-Trimethylbenzene	U		0.00116	0.00500
1,3,5-Trimethylbenzene	U		0.00108	0.00500
Vinyl chloride	U		0.000683	0.00250
Xylenes, Total	U		0.00478	0.00650
(S) Toluene-d8	*107*			*75.0-131*
(S) 4-Bromofluorobenzene	*104*			*67.0-138*
(S) 1,2-Dichloroethane-d4	*103*			*70.0-130*

Laboratory Control Sample (LCS)

(LCS) R3482753-1 12/15/19 00:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Acetone	0.625	0.930	149	10.0-160	
Acrylonitrile	0.625	0.836	134	45.0-153	
Benzene	0.125	0.136	109	70.0-123	
Bromobenzene	0.125	0.137	110	73.0-121	
Bromodichloromethane	0.125	0.137	110	73.0-121	

Laboratory Control Sample (LCS)

(LCS) R3482753-1 12/15/19 00:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Bromoform	0.125	0.131	105	64.0-132	
Bromomethane	0.125	0.103	82.4	56.0-147	
n-Butylbenzene	0.125	0.132	106	68.0-135	
sec-Butylbenzene	0.125	0.144	115	74.0-130	
tert-Butylbenzene	0.125	0.141	113	75.0-127	
Carbon tetrachloride	0.125	0.143	114	66.0-128	
Chlorobenzene	0.125	0.127	102	76.0-128	
Chlorodibromomethane	0.125	0.129	103	74.0-127	
Chloroethane	0.125	0.104	83.2	61.0-134	
Chloroform	0.125	0.137	110	72.0-123	
Chloromethane	0.125	0.188	150	51.0-138	J4
2-Chlorotoluene	0.125	0.138	110	75.0-124	
4-Chlorotoluene	0.125	0.141	113	75.0-124	
1,2-Dibromo-3-Chloropropane	0.125	0.0996	79.7	59.0-130	
1,2-Dibromoethane	0.125	0.136	109	74.0-128	
Dibromomethane	0.125	0.140	112	75.0-122	
1,2-Dichlorobenzene	0.125	0.133	106	76.0-124	
1,3-Dichlorobenzene	0.125	0.139	111	76.0-125	
1,4-Dichlorobenzene	0.125	0.134	107	77.0-121	
Dichlorodifluoromethane	0.125	0.174	139	43.0-156	
1,1-Dichloroethane	0.125	0.157	126	70.0-127	
1,2-Dichloroethane	0.125	0.140	112	65.0-131	
1,1-Dichloroethene	0.125	0.135	108	65.0-131	
cis-1,2-Dichloroethene	0.125	0.129	103	73.0-125	
trans-1,2-Dichloroethene	0.125	0.137	110	71.0-125	
1,2-Dichloropropane	0.125	0.158	126	74.0-125	J4
1,1-Dichloropropene	0.125	0.148	118	73.0-125	
1,3-Dichloropropane	0.125	0.139	111	80.0-125	
cis-1,3-Dichloropropene	0.125	0.134	107	76.0-127	
trans-1,3-Dichloropropene	0.125	0.134	107	73.0-127	
2,2-Dichloropropane	0.125	0.175	140	59.0-135	J4
Di-isopropyl ether	0.125	0.172	138	60.0-136	J4
Ethylbenzene	0.125	0.128	102	74.0-126	
Hexachloro-1,3-butadiene	0.125	0.146	117	57.0-150	
Isopropylbenzene	0.125	0.133	106	72.0-127	
p-Isopropyltoluene	0.125	0.141	113	72.0-133	
2-Butanone (MEK)	0.625	0.850	136	30.0-160	
Methylene Chloride	0.125	0.153	122	68.0-123	
4-Methyl-2-pentanone (MIBK)	0.625	0.775	124	56.0-143	
Methyl tert-butyl ether	0.125	0.159	127	66.0-132	

Laboratory Control Sample (LCS)

(LCS) R3482753-1 12/15/19 00:34

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Naphthalene	0.125	0.0924	73.9	59.0-130	
n-Propylbenzene	0.125	0.141	113	74.0-126	
Styrene	0.125	0.130	104	72.0-127	
1,1,1,2-Tetrachloroethane	0.125	0.136	109	74.0-129	
1,1,2,2-Tetrachloroethane	0.125	0.152	122	68.0-128	
Tetrachloroethene	0.125	0.143	114	70.0-136	
Toluene	0.125	0.129	103	75.0-121	
1,1,2-Trichlorotrifluoroethane	0.125	0.136	109	61.0-139	
1,2,3-Trichlorobenzene	0.125	0.109	87.2	59.0-139	
1,2,4-Trichlorobenzene	0.125	0.126	101	62.0-137	
1,1,1-Trichloroethane	0.125	0.148	118	69.0-126	
1,1,2-Trichloroethane	0.125	0.134	107	78.0-123	
Trichloroethene	0.125	0.145	116	76.0-126	
Trichlorofluoromethane	0.125	0.151	121	61.0-142	
1,2,3-Trichloropropane	0.125	0.152	122	67.0-129	
1,2,3-Trimethylbenzene	0.125	0.138	110	74.0-124	
1,2,4-Trimethylbenzene	0.125	0.134	107	70.0-126	
1,3,5-Trimethylbenzene	0.125	0.138	110	73.0-127	
Vinyl chloride	0.125	0.130	104	63.0-134	
Xylenes, Total	0.375	0.396	106	72.0-127	
(S) Toluene-d8			*105*	*75.0-131*	
(S) 4-Bromofluorobenzene			*101*	*67.0-138*	
(S) 1,2-Dichloroethane-d4			*107*	*70.0-130*	

L1170250-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170250-02 12/15/19 08:35 • (MS) R3482753-3 12/15/19 09:17 • (MSD) R3482753-4 12/15/19 09:38

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Acetone	0.625	ND	0.313	0.359	50.1	57.4	1	10.0-160			13.7	40
Acrylonitrile	0.625	ND	0.721	0.731	115	117	1	10.0-160			1.38	40
Benzene	0.125	ND	0.149	0.0540	119	43.2	1	10.0-149		J3	93.6	37
Bromobenzene	0.125	ND	0.149	0.0798	119	63.8	1	10.0-156		J3	60.5	38
Bromodichloromethane	0.125	ND	0.145	0.0815	116	65.2	1	10.0-143		J3	56.1	37
Bromoform	0.125	ND	0.124	0.112	99.2	89.6	1	10.0-146			10.2	36
Bromomethane	0.125	ND	0.0848	0.0266	67.8	21.3	1	10.0-149		J3	104	38
n-Butylbenzene	0.125	ND	0.154	0.0492	123	39.4	1	10.0-160		J3	103	40
sec-Butylbenzene	0.125	ND	0.163	0.0467	130	37.4	1	10.0-159		J3	111	39
tert-Butylbenzene	0.125	ND	0.163	0.0503	130	40.2	1	10.0-156		J3	106	39

L1170250-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170250-02 12/15/19 08:35 • (MS) R3482753-3 12/15/19 09:17 • (MSD) R3482753-4 12/15/19 09:38

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Carbon tetrachloride	0.125	ND	0.153	0.0334	122	26.7	1	10.0-145		J3	128	37
Chlorobenzene	0.125	ND	0.142	0.0672	114	53.8	1	10.0-152		J3	71.5	39
Chlorodibromomethane	0.125	ND	0.137	0.101	110	80.8	1	10.0-146			30.3	37
Chloroethane	0.125	ND	0.0815	0.0203	65.2	16.2	1	10.0-146		J3	120	40
Chloroform	0.125	ND	0.154	0.0597	123	47.8	1	10.0-146		J3	88.3	37
Chloromethane	0.125	ND	0.189	0.0489	151	39.1	1	10.0-159		J3	118	37
2-Chlorotoluene	0.125	ND	0.152	0.0619	122	49.5	1	10.0-159		J3	84.2	38
4-Chlorotoluene	0.125	ND	0.157	0.0716	126	57.3	1	10.0-155		J3	74.7	39
1,2-Dibromo-3-Chloropropane	0.125	ND	0.0908	0.0994	72.6	79.5	1	10.0-151			9.04	39
1,2-Dibromoethane	0.125	ND	0.143	0.119	114	95.2	1	10.0-148			18.3	34
Dibromomethane	0.125	ND	0.148	0.107	118	85.6	1	10.0-147			32.2	35
1,2-Dichlorobenzene	0.125	ND	0.146	0.0915	117	73.2	1	10.0-155		J3	45.9	37
1,3-Dichlorobenzene	0.125	ND	0.158	0.0806	126	64.5	1	10.0-153		J3	64.9	38
1,4-Dichlorobenzene	0.125	ND	0.146	0.0809	117	64.7	1	10.0-151		J3	57.4	38
Dichlorodifluoromethane	0.125	ND	0.164	0.0218	131	17.4	1	10.0-160		J3	153	35
1,1-Dichloroethane	0.125	ND	0.166	0.0585	133	46.8	1	10.0-147		J3	95.8	37
1,2-Dichloroethane	0.125	ND	0.149	0.0984	119	78.7	1	10.0-148		J3	40.9	35
1,1-Dichloroethene	0.125	ND	0.0657	0.0287	52.6	23.0	1	10.0-155		J3	78.4	37
cis-1,2-Dichloroethene	0.125	ND	0.138	0.0554	110	44.3	1	10.0-149		J3	85.4	37
trans-1,2-Dichloroethene	0.125	ND	0.145	0.0398	116	31.8	1	10.0-150		J3	114	37
1,2-Dichloropropane	0.125	ND	0.162	0.0832	130	66.6	1	10.0-148		J3	64.3	37
1,1-Dichloropropene	0.125	ND	0.165	0.0352	132	28.2	1	10.0-153		J3	130	35
1,3-Dichloropropane	0.125	ND	0.151	0.114	121	91.2	1	10.0-154			27.9	35
cis-1,3-Dichloropropene	0.125	ND	0.151	0.0873	121	69.8	1	10.0-151		J3	53.5	37
trans-1,3-Dichloropropene	0.125	ND	0.148	0.102	118	81.6	1	10.0-148			36.8	37
2,2-Dichloropropane	0.125	ND	0.137	0.0339	110	27.1	1	10.0-138		J3	121	36
Di-isopropyl ether	0.125	ND	0.184	0.106	147	84.8	1	10.0-147		J3	53.8	36
Ethylbenzene	0.125	ND	0.146	0.0511	117	40.9	1	10.0-160		J3	96.3	38
Hexachloro-1,3-butadiene	0.125	ND	0.178	0.0670	142	53.6	1	10.0-160		J3	90.6	40
Isopropylbenzene	0.125	ND	0.151	0.0498	121	39.8	1	10.0-155		J3	101	38
p-Isopropyltoluene	0.125	ND	0.159	0.0510	127	40.8	1	10.0-160		J3	103	40
2-Butanone (MEK)	0.625	0.0328	0.687	0.774	105	119	1	10.0-160			11.9	40
Methylene Chloride	0.125	ND	0.150	0.0476	120	38.1	1	10.0-141		J3	104	37
4-Methyl-2-pentanone (MIBK)	0.625	ND	0.725	0.754	116	121	1	10.0-160			3.92	35
Methyl tert-butyl ether	0.125	ND	0.157	0.117	126	93.6	1	11.0-147			29.2	35
Naphthalene	0.125	ND	0.0842	0.0955	67.4	76.4	1	10.0-160			12.6	36
n-Propylbenzene	0.125	ND	0.163	0.0488	130	39.0	1	10.0-158		J3	108	38
Styrene	0.125	ND	0.142	0.0717	114	57.4	1	10.0-160		J3	65.8	40
1,1,1,2-Tetrachloroethane	0.125	ND	0.140	0.0814	112	65.1	1	10.0-149		J3	52.9	39
1,1,2,2-Tetrachloroethane	0.125	ND	0.141	0.123	113	98.4	1	10.0-160			13.6	35

L1170250-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170250-02 12/15/19 08:35 • (MS) R3482753-3 12/15/19 09:17 • (MSD) R3482753-4 12/15/19 09:38

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Tetrachloroethene	0.125	ND	0.172	0.0469	138	37.5	1	10.0-156		J3	114	39
Toluene	0.125	ND	0.145	0.0546	116	43.7	1	10.0-156		J3	90.6	38
1,1,2-Trichlorotrifluoroethane	0.125	ND	0.163	0.0205	130	16.4	1	10.0-160		J3	155	36
1,2,3-Trichlorobenzene	0.125	ND	0.112	0.109	89.6	87.2	1	10.0-160			2.71	40
1,2,4-Trichlorobenzene	0.125	ND	0.146	0.110	117	88.0	1	10.0-160			28.1	40
1,1,1-Trichloroethane	0.125	ND	0.162	0.0383	130	30.6	1	10.0-144		J3	124	35
1,1,2-Trichloroethane	0.125	ND	0.157	0.121	126	96.8	1	10.0-160			25.9	35
Trichloroethene	0.125	ND	0.174	0.0669	139	53.5	1	10.0-156		J3	88.9	38
Trichlorofluoromethane	0.125	ND	0.112	0.0157	89.6	12.6	1	10.0-160		J3	151	40
1,2,3-Trichloropropane	0.125	ND	0.151	0.137	121	110	1	10.0-156			9.72	35
1,2,3-Trimethylbenzene	0.125	ND	0.147	0.0754	118	60.3	1	10.0-160		J3	64.4	36
1,2,4-Trimethylbenzene	0.125	ND	0.154	0.0668	123	53.4	1	10.0-160		J3	79.0	36
1,3,5-Trimethylbenzene	0.125	ND	0.152	0.0569	122	45.5	1	10.0-160		J3	91.0	38
Vinyl chloride	0.125	ND	0.136	0.0235	109	18.8	1	10.0-160		J3	141	37
Xylenes, Total	0.375	ND	0.441	0.176	118	46.9	1	10.0-160		J3	85.9	38
(S) Toluene-d8					*106*	*107*		*75.0-131*				
(S) 4-Bromofluorobenzene					*101*	*105*		*67.0-138*				
(S) 1,2-Dichloroethane-d4					*103*	*102*		*70.0-130*				

1 Cp
2 Tc
3 Ss
4 Cn
5 Ds
6 Sr
7 Qc
8 Gl
9 Al
10 Sc

Method Blank (MB)

(MB) R3482479-1 12/14/19 21:13

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
C12-C22 Hydrocarbons	U		0.733	4.00
C22-C32 Hydrocarbons	U		1.33	4.00
C32-C40 Hydrocarbons	U		1.33	4.00
(S) o-Terphenyl	*97.0*			*18.0-148*

Laboratory Control Sample (LCS)

(LCS) R3482479-2 12/14/19 21:28

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
C22-C32 Hydrocarbons	25.0	21.8	87.2	50.0-150	
C12-C22 Hydrocarbons	25.0	21.9	87.6	50.0-150	
(S) o-Terphenyl			*79.7*	*18.0-148*	

L1170116-06 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170116-06 12/14/19 22:26 • (MS) R3482479-3 12/14/19 22:40 • (MSD) R3482479-4 12/14/19 22:55

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
C22-C32 Hydrocarbons	30.4	1.92	20.8	22.6	62.2	68.0	1	50.0-150			8.00	20
C12-C22 Hydrocarbons	30.4	1.87	20.3	23.0	60.8	69.3	1	50.0-150			12.0	20
(S) o-Terphenyl					*60.4*	*67.8*		*18.0-148*				

Method Blank (MB)

(MB) R3482511-1 12/14/19 08:43

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Aldrin	U		0.000233	0.0200
Alpha BHC	U		0.000193	0.0200
Beta BHC	U		0.000303	0.0200
Delta BHC	U		0.000151	0.0200
Gamma BHC	U		0.000245	0.0200
4,4-DDD	U		0.000164	0.0200
4,4-DDE	U		0.000165	0.0200
4,4-DDT	U		0.000266	0.0200
Dieldrin	U		0.0000890	0.00200
Endosulfan I	U		0.000214	0.0200
Endosulfan II	U		0.000230	0.0200
Endosulfan sulfate	U		0.000170	0.0200
Endrin	U		0.000219	0.0200
Endrin aldehyde	U		0.000242	0.0200
Endrin ketone	U		0.000159	0.0200
Heptachlor	U		0.000101	0.0200
Heptachlor epoxide	U		0.000378	0.0200
Hexachlorobenzene	U		0.000224	0.0200
Methoxychlor	U		0.000265	0.0200
Chlordane	U		0.0390	0.200
Toxaphene	U		0.0360	0.400
(S) Decachlorobiphenyl	*80.9*			*10.0-135*
(S) Tetrachloro-m-xylene	*76.1*			*10.0-139*

Laboratory Control Sample (LCS)

(LCS) R3482511-2 12/14/19 08:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Aldrin	0.0666	0.0642	96.4	34.0-136	
Alpha BHC	0.0666	0.0679	102	34.0-139	
Beta BHC	0.0666	0.0698	105	34.0-133	
Delta BHC	0.0666	0.0712	107	34.0-135	
Gamma BHC	0.0666	0.0665	99.8	34.0-136	
4,4-DDD	0.0666	0.0756	114	33.0-141	
4,4-DDE	0.0666	0.0683	103	34.0-134	
4,4-DDT	0.0666	0.0671	101	30.0-143	
Dieldrin	0.0666	0.0656	98.5	35.0-137	
Endosulfan I	0.0666	0.0622	93.4	34.0-134	

Laboratory Control Sample (LCS)

(LCS) R3482511-2 12/14/19 08:55

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Endosulfan II	0.0666	0.0579	86.9	35.0-132	
Endosulfan sulfate	0.0666	0.0654	98.2	35.0-132	
Endrin	0.0666	0.0635	95.3	34.0-137	
Endrin aldehyde	0.0666	0.0399	59.9	23.0-121	
Endrin ketone	0.0666	0.0626	94.0	35.0-144	
Heptachlor	0.0666	0.0683	103	36.0-141	
Heptachlor epoxide	0.0666	0.0645	96.8	36.0-134	
Hexachlorobenzene	0.0666	0.0617	92.6	33.0-129	P
Methoxychlor	0.0666	0.0671	101	28.0-150	
(S) Decachlorobiphenyl			*86.2*	*10.0-135*	
(S) Tetrachloro-m-xylene			*82.0*	*10.0-139*	

L1170024-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1170024-02 12/14/19 09:20 • (MS) R3482511-3 12/14/19 09:33 • (MSD) R3482511-4 12/14/19 09:45

Analyte	Spike Amount (dry) mg/kg	Original Result (dry) mg/kg	MS Result (dry) mg/kg	MSD Result (dry) mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Aldrin	0.0766	U	0.0526	0.0477	68.8	62.3	1	20.0-135			9.85	37
Alpha BHC	0.0766	U	0.0560	0.0506	73.1	66.1	1	27.0-140			10.1	35
Beta BHC	0.0766	U	0.0578	0.0528	75.5	68.9	1	23.0-141			9.15	37
Delta BHC	0.0766	U	0.0585	0.0539	76.4	70.4	1	21.0-138			8.18	35
Gamma BHC	0.0766	U	0.0545	0.0493	71.2	64.4	1	27.0-137			9.97	36
4,4-DDD	0.0766	U	0.0636	0.0620	83.0	80.9	1	15.0-152			2.56	39
4,4-DDE	0.0766	U	0.0545	0.0495	71.2	64.7	1	10.0-152			9.50	40
4,4-DDT	0.0766	U	0.0533	0.0508	69.7	66.4	1	10.0-151			4.86	40
Dieldrin	0.0766	U	0.0554	0.0506	72.4	66.1	1	17.0-145			9.11	37
Endosulfan I	0.0766	U	0.0514	0.0466	67.1	60.8	1	20.0-137			9.86	36
Endosulfan II	0.0766	U	0.0493	0.0460	64.4	60.1	1	15.0-141			7.00	37
Endosulfan sulfate	0.0766	U	0.0535	0.0491	69.8	64.1	1	15.0-143			8.52	38
Endrin	0.0766	U	0.0530	0.0483	69.2	63.1	1	19.0-143			9.31	37
Endrin aldehyde	0.0766	U	0.0513	0.0474	67.0	61.9	1	10.0-139			7.93	40
Endrin ketone	0.0766	U	0.0518	0.0475	67.7	62.0	1	17.0-149			8.80	38
Heptachlor	0.0766	U	0.0566	0.0510	73.9	66.7	1	22.0-138			10.3	37
Heptachlor epoxide	0.0766	U	0.0516	0.0468	67.4	61.1	1	22.0-138			9.81	36
Hexachlorobenzene	0.0766	U	0.0508	0.0460	66.4	60.1	1	25.0-126		P	9.98	35
Methoxychlor	0.0766	U	0.0566	0.0540	73.9	70.6	1	10.0-159			4.57	40
(S) Decachlorobiphenyl					*62.6*	*56.6*		*10.0-135*				
(S) Tetrachloro-m-xylene					*62.5*	*56.3*		*10.0-139*				

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

(dry)	Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils].
MDL	Method Detection Limit.
MDL (dry)	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
RDL (dry)	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
J3	The associated batch QC was outside the established quality control range for precision.
J4	The associated batch QC was outside the established quality control range for accuracy.
J5	The sample matrix interfered with the ability to make any accurate determination; spike value is high.
J6	The sample matrix interfered with the ability to make any accurate determination; spike value is low.
P	RPD between the primary and confirmatory analysis exceeded 40%.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

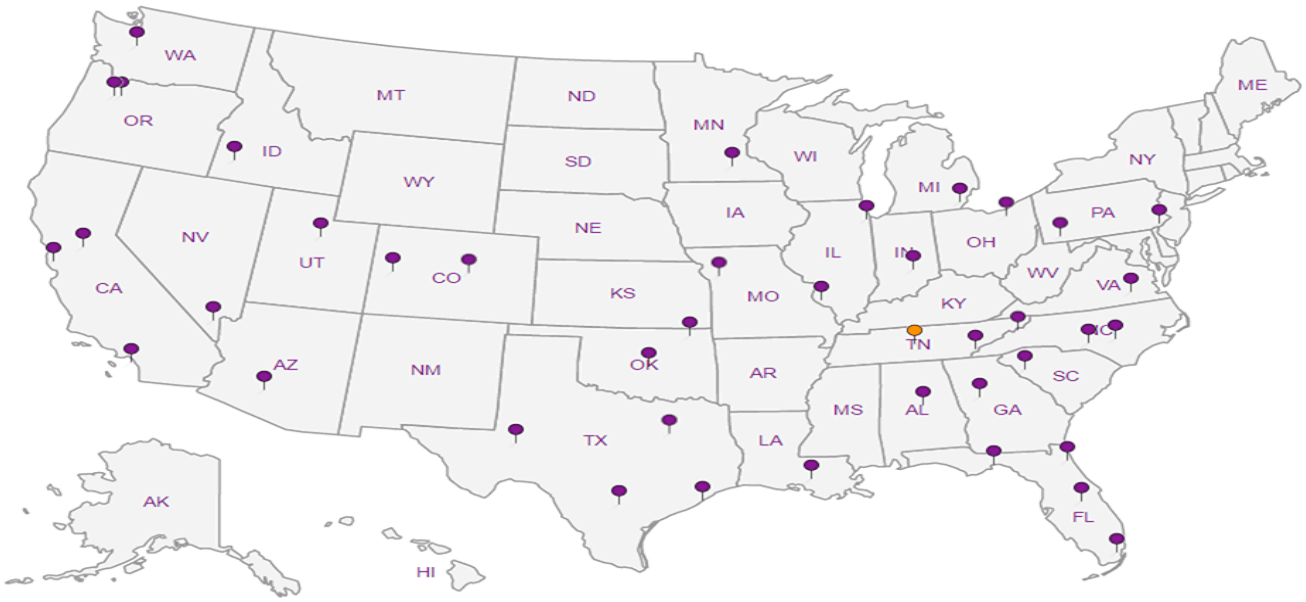
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Pace Analytical
www.pacelabs.com

HALEY ALDRICH

CHAIN-OF-CUSTODY / Analytical Request D[illegible]t

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields m[illegible]

D091

Section A
Required Client Information:

Company:	Haley & Aldrich
Address:	2033 N Main St. Suite 309
	Walnut Creek, CA 94596
Email To:	jgrant@haleyaldrich.com
Phone:	925.949.4412 Fax:
Requested Due Date/TAT:	Stand. 5-day TAT

Section B
Required Project Information:

Report To:	jgrant@haleyaldrich.com
Copy To:	apiestrzeniewicz@haleyaldrich.com
BSA #:	2015-18-Pace
H&A Client Name:	Steelwave
H&A Project #:	134361-002

Section C
Invoice Information:

Attention:	Acounts Payable
Company Name:	Haley & Aldrich
Address:	70 Blanchard Rd. Ste. 204
Pace Quote Reference:	
Pace Project Manager:	Brian Ford/Jason Romer
Pace Profile #:	HALALDWCCA

X	12065 Lebanon Rd. Mount Juliet, TN, 37122 (National)
	1700 Elm Street SE - Minneapolis, MN 55414
	7726 Moller Road - Indianapolis, IN 46268

REGULATORY AGENCY

☐ NPDES ☐ GROUND W[illegible]TER DRINKING W[illegible]
☐ UST ☐ RCRA ☐ _____

Site Location CA
STATE: _____

Pace's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement #2015-18-Pace by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Pace Analytical Services, Inc.

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: Collection Info DATE	COLLECTED: Collection Info TIME	Sample Depth: Start Depth (Circle: feet or inches)	Sample Depth: End Depth (Circle: feet or inches)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	NaHS04	MeOH	Y/N: Analysis Test	CA Title 22 Metals (6010B/7471A)	TPHd/mo (8015B)	Organochlorine Pesticides (8081A)	VOCs (8260B: 5035)	TPHg (8015: 5035)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-1-SS-1.0	SL	G	12/11/19	1050	1	1.5	55	1	X									X	X	X				L1176116-01
2	B-1-SS-3.0	SL	G	12/11/19	1105	3	3.5		1	X									X	X					02
3	B-1-SS-~~8.0~~9.0 MP	SL	G	12/11/19	1110	9	9.5		1	X									X	X					03
4	B-2-SS-1.0	SL	G	12/11/19	1130	1	1.5		1	X									X	X	X				04
5	B-2-SS-3.0	SL	G	12/11/19	1145	3	3.5		1	X									X	X					05
6	B-2-SS-~~8.0~~9.0 MP	SL	G	12/11/19	1155	9	9.5		1	X									X	X					06
7	B-3-SS-1.0	SL	G	12/11/19	0825	1	1.5		5							X	X		X	X	X	X	X		07
8	B-3-SS-3.0	SL	G	12/11/19	0835	3	3.5		1	X									X	X					08
9	B-3-SS-~~8.0~~9.0 MP	SL	G	12/11/19	0850	9	9.5		1	X									X	X					09
10	B-4-SS-1.0	SL	G	12/11/19	0900	1	1.5		5							X	X		X	X	X	X	X		10
11	B-4-SS-3.0	SL	G	12/11/19	0915	3	3.5		1	X									X	X					11
12	B-4-SS-~~8.0~~9.0 MP	SL	G	12/11/19	0940	9	9.5		1	X									X	X					12

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	A. Piestrzeniewicz (H&A)	12/11/19	1530	FedEx	12/11/19	1530	1.4
				Harley	12/12/19	845	+0=
							1.4
							WY AG

4802 8629 9159

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ADAM PIESTRZENIEWICZ

SIGNATURE of SAMPLER:

DATE Signed (MM/DD/YY): 12/11/19

Temp in °C | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

RAD SCREEN: <0.5 mR/hr

Pace Analytical
www.pacelabs.com

HALEY ALDRICH

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A
Required Client Information:

Company:	Haley & Aldrich
Address:	2033 N Main St. Suite 309
	Walnut Creek, CA 94596
Email To:	jgrant@haleyaldrich.com
Phone:	925.949.4412 Fax:
Requested Due Date/TAT:	Stand. 5-day TAT

Section B
Required Project Information:

Report To:	jgrant@haleyaldrich.com
Copy To:	apiestrzeniewicz@haleyaldrich.com
BSA #:	2015-18-Pace
H&A Client Name:	Steelwave
H&A Project #:	134361-002

Section C
Invoice Information:

Attention:	Acounts Payable
Company Name:	Haley & Aldrich
Address:	70 Blanchard Rd. Ste. 204
Pace Quote Reference:	
Pace Project Manager:	Brian Ford/Jason Romer
Pace Profile #:	HALALDWCCA

X 12065 Lebanon Rd. Mount Juliet, TN, 37122 (National)
1700 Elm Street SE - Minneapolis, MN 55414
7726 Moller Road - Indianapolis, IN 46268

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER DRINKING W
☐ UST ☐ RCRA ☐ _____

Site Location STATE: CA

Pace's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement #2015-18-Pace by and between Haley & Aldrich, Inc., its subsidiaries and Pace Analytical Services, Inc.

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: Collection Info DATE	COLLECTED: Collection Info TIME	Sample Depth: Start Depth (Circle: feet or inches)	Sample Depth: End Depth (Circle: feet or inches)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	NaHS04	MeOH	Y/N: Analysis Test: CA Title 22 Metals (6010B/7471A)	TPHd/mo (8015B)	Organochlorine Pesticides (8081A)	VOCs (8260B: 5035)	TPHg (8015, 5035)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-5-SS-1.0	SL	G	12/11/19	0950	1	1.5	SS	5							X	X	X	X	X	X					L1170116-13
2	B-5-SS-3.0	SL	G	12/11/19	0955	3	3.5	SS	1	X								X	X							14
3	B-5-SS-~~10.0~~ 9.0 MS	SL	G	12/11/19	1005	9	9.5	SS	1	X								X	X							15
4	~~B-6-SS-1.0~~	SL	G	~~12/11/19~~ MS																						
5	~~B-6-SS-3.0~~	SL	G	~~12/11/19~~ MS																						
6	~~B-6-SS-10.0~~	SL	G	~~12/11/19~~ MS																						
7	~~TRIP BLANK = 12.11.19~~	SO	C	12/11/19	1900	—	—	SS	5							X	X	X	X	X	X	X				
8																										
9																										
10																										
11																										
12																										

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	A. Piestrzeniewicz (11:A)	12/11/19	1530	FedEx	12/11/19	1530	1.4±		
					12/12/19	845	0=		
							1.4		
							MM AG		

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER: Adam Piestrzeniewicz
SIGNATURE of SAMPLER: _____ DATE Signed (MM/DD/YY): 12/11/19

RAD SCREEN: <0.5 mR/hr

20-July-2015

Pace Analytical National Center for Testing & Innovation
Cooler Receipt Form

Client: HALALDWCCA	L1170116	
Cooler Received/Opened On: 12/12/19 Temperature:	1.4	
Received By: Hailey Melson		
Signature: Hailey Melson		

Receipt Check List	NP	Yes	No
COC Seal Present / Intact?	✓		
COC Signed / Accurate?		✓	
Bottles arrive intact?		✓	
Correct bottles used?		✓	
Sufficient volume sent?		✓	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

Pace Analytical®
National Center for Testing & Innovation

ANALYTICAL REPORT

December 26, 2019

Haley & Aldrich - Walnut Creek, CA

Sample Delivery Group:	L1172914
Samples Received:	12/12/2019
Project Number:	134361-002
Description:	Steelwave

Report To: Jason Grant
2033 N Main Street
Suite 309
Walnut Creek, CA 94596

Entire Report Reviewed By: Brian Ford

Brian Ford
Project Manager

B-1-SS-3.0 L1172914-01 GW

Collected by: Adam P | Collected date/time: 12/11/19 11:05 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG1401980	1	12/24/19 08:51	12/24/19 08:51	IDW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1402510	9	12/26/19 09:01	12/26/19 10:40	TRB	Mt. Juliet, TN

B-2-SS-1.0 L1172914-02 GW

Collected by: Adam P | Collected date/time: 12/11/19 11:30 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG1401980	1	12/24/19 08:51	12/24/19 08:51	IDW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1402510	9	12/26/19 09:01	12/26/19 10:51	TRB	Mt. Juliet, TN

B-4-SS-1.0 L1172914-03 GW

Collected by: Adam P | Collected date/time: 12/11/19 09:00 | Received date/time: 12/12/19 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 22CCRA2	WG1401980	1	12/24/19 08:51	12/24/19 08:51	IDW	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG1402510	9	12/26/19 09:01	12/26/19 10:54	TRB	Mt. Juliet, TN

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford
Project Manager

Metals (ICP) by Method 6010B

Client ID	Lab Sample ID	Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
B-1-SS-3.0	L1172914-01	Chromium	94.2	B O1	12.6	90.0	9	12/26/2019 10:40	WG1402510
B-2-SS-1.0	L1172914-02	Lead	615		17.1	45.0	9	12/26/2019 10:51	WG1402510
B-4-SS-1.0	L1172914-03	Chromium	190	B	12.6	90.0	9	12/26/2019 10:54	WG1402510

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	12/24/2019 08:51	WG1401980
Final pH	5.12				1	12/24/2019 08:51	WG1401980

Metals (ICP) by Method 6010B

Analyte	Result ug/l	Qualifier	MDL ug/l	RDL ug/l	Dilution	Analysis date / time	Batch
Chromium	94.2	B O1	12.6	90.0	9	12/26/2019 10:40	WG1402510

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	12/24/2019 08:51	WG1401980
Final pH	5.18				1	12/24/2019 08:51	WG1401980

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l	ug/l			
Lead	615		17.1	45.0	9	12/26/2019 10:51	WG1402510

Preparation by Method 22CCRA2

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
STLC Extraction	-				1	12/24/2019 08:51	WG1401980
Final pH	5.07				1	12/24/2019 08:51	WG1401980

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	MDL	RDL	Dilution	Analysis date / time	Batch
	ug/l		ug/l	ug/l			
Chromium	190	B	12.6	90.0	9	12/26/2019 10:54	WG1402510

Method Blank (MB)

(MB) R3485951-1 12/26/19 10:31

Analyte	MB Result	MB Qualifier	MB MDL	MB RDL
	ug/l		ug/l	ug/l
Chromium	22.5	J	12.6	90.0
Lead	U		17.1	45.0

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3485951-2 12/26/19 10:34 • (LCSD) R3485951-3 12/26/19 10:37

Analyte	Spike Amount	LCS Result	LCSD Result	LCS Rec.	LCSD Rec.	Rec. Limits	LCS Qualifier	LCSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	%	%	%			%	%
Chromium	1000	1070	1070	107	107	80.0-120			0.0324	20
Lead	1000	1110	1110	111	111	80.0-120			0.573	20

L1172914-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1172914-01 12/26/19 10:40 • (MS) R3485951-5 12/26/19 10:45 • (MSD) R3485951-6 12/26/19 10:48

Analyte	Spike Amount	Original Result	MS Result	MSD Result	MS Rec.	MSD Rec.	Dilution	Rec. Limits	MS Qualifier	MSD Qualifier	RPD	RPD Limits
	ug/l	ug/l	ug/l	ug/l	%	%		%			%	%
Chromium	1000	94.2	9530	9430	105	104	9	75.0-125			1.05	20
Lead	1000	28.8	10000	9970	111	110	9	75.0-125			0.525	20

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.
O1	The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

State Accreditations

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN-03-2002-34
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico [1]	n/a
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina [1]	DW21704
Georgia	NELAP	North Carolina [3]	41
Georgia [1]	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LAO00356
Kentucky [1 6]	90010	South Carolina	84004
Kentucky [2]	16	South Dakota	n/a
Louisiana	AI30792	Tennessee [1 4]	2006
Louisiana [1]	LA180010	Texas	T104704245-18-15
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	TN00003
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	460132
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA

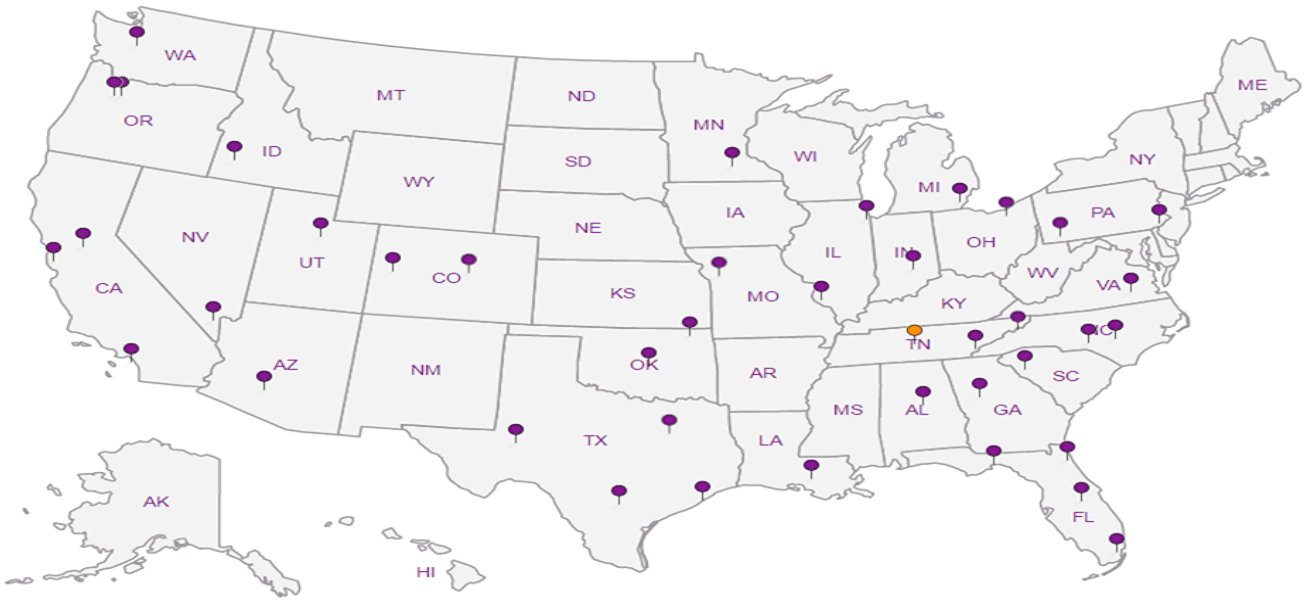
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [6] Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



Pace Analytical
www.pacelabs.com

HALEY ALDRICH

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

D091

Section A
Required Client Information:

Company:	Haley & Aldrich
Address:	2033 N Main St. Suite 309
	Walnut Creek, CA 94596
Email To:	jgrant@haleyaldrich.com
Phone: 925.949.4412	Fax:
Requested Due Date/TAT:	Stand. 5-day TAT

Section B
Required Project Information:

Report To:	jgrant@haleyaldrich.com
Copy To:	apiestrzeniewicz@haleyaldrich.com
BSA #:	2015-18-Pace
H&A Client Name:	Steelwave
H&A Project #:	134361-002

Section C
Invoice Information:

Attention:	Acounts Payable
Company Name:	Haley & Aldrich
Address:	70 Blanchard Rd. Ste. 204
Pace Quote Reference:	
Pace Project Manager:	Brian Ford/Jason Romer
Pace Profile #:	HALALDWCCA

X	12065 Lebanon Rd. Mount Juliet, TN, 37122 (National)
	1700 Elm Street SE - Minneapolis, MN 55414
	7726 Moller Road - Indianapolis, IN 46268

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING W
☐ UST ☐ RCRA ☐ _____

Site Location STATE: CA

Pace's services under this Chain of Custody shall be performed in accordance with terms and conditions within Blanket Service Agreement #2015-18-Pace by and between Haley & Aldrich, Inc., its subsidiaries and affiliates and Pace Analytical Services, Inc.

Section D
Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: Collection Info DATE	COLLECTED: Collection Info TIME	Sample Depth: Start Depth (Circle feet or inches)	Sample Depth: End Depth (Circle feet or inches)	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	NaHSO4	MeOH	Analysis Test Y/N	CA Title 22 Metals (6010B/7471A)	TPHd/mo (8015B)	Organochlorine Pesticides (8081A)	VOCs (8260B, 5035)	TPHg (8015, 5035)	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	B-1-SS-1.0	SL	G	12/11/19	1050	1	1.5		1	X									X	X	X				L1172914
2	B-1-SS-3.0	SL	G	12/11/19	1105	3	3.5		1	X									X	X					~~L1172916-01~~
3	B-1-SS-~~10.0~~ 9.0 AP	SL	G	12/11/19	1110	9	9.5		1	X									X	X					~~-02~~ -01
4	B-2-SS-1.0	SL	G	12/11/19	1130	1	1.5		1	X									X	X	X				~~-03~~
5	B-2-SS-3.0	SL	G	12/11/19	1145	3	3.5		1	X									X	X					~~-04~~ -02
6	B-2-SS-~~10.0~~ 9.0 AP	SL	G	12/11/19	1155	9	9.5		1	X									X	X					~~-05~~
7	B-3-SS-1.0	SL	G	12/11/19	0825	1	1.5		5							X	X		X	X	X	X	X		~~-06~~ -07
8	B-3-SS-3.0	SL	G	12/11/19	0835	3	3.5		1	X									X	X					~~-07~~ -08
9	B-3-SS-~~10.0~~ 9.0 AP	SL	G	12/11/19	0850	9	9.5		1	X									X	X					~~-08~~ -09
10	B-4-SS-1.0	SL	G	12/11/19	0900	1	1.5		5							X	X		X	X	X	X	X		~~-09~~ -10
11	B-4-SS-3.0	SL	G	12/11/19	0915	3	3.5		1	X									X	X					~~-10~~ -11
12	B-4-SS-~~10.0~~ 9.0 AP	SL	G	12/11/19	0940	9	9.5	↓	1	X									X	X					~~-11~~ -12

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	A. Piestrzeniewicz (H&A)	12/11/19	1530	FedEx	12/11/19	1550	1.4		
				Hanley	12/12/19	845	2.0=		
							1.4		
							NA AB		

4802 8629 9159

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: ADAM PIESTRZENIEWICZ

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 12/11/19

RAD SCREEN: <0.5 mR/hr

Andy Vann

From: Brian Ford
Sent: Friday, December 20, 2019 12:38 PM
To: Project Service; Sample Storage; Brian Ford; TCLP; Metals Prep; Due Metals
Subject: L1170116 *HALALDWCCA* re-log ***Rush***

Please re-log the following as R4 due 12/26pm.

L1170116-02 (B-1-SS-3.0): STLC CRICP
L1170116-04 (B-2-SS-1.0): STLC PBICP
L1170116-10 (B-4-SS-1.0): STLC CRICP

Thanks,

Brian Ford
Project Manager
Pace Analytical National Center for Testing & Innovation
12065 Lebanon Road | Mt. Juliet, TN 37122
direct 615.773.9772 | cell 615.881.4570
bford@pacenational.com | pacenational.com