Appendix J2

Soil and Soil Vapor Investigation

ARDENT
ENVIRONMENTAL GROUP, INC.

July 27, 2021
Project No. 101233002

Mr. Greg Woolway
Bridge Acquisition, LLC
11100 Santa Monica Boulevard, Suite 700
Los Angeles, California, 90025
and
Invesco CMI Investments, L.P.
2001 Ross Avenue, Suite 3400
Dallas, Texas 75201

Subject: **Results of a Soil and Soil Vapor Investigation**
2150 Commerce Drive, and 2222
and 2350 Qume Drive
San Jose, California

Dear Mr. Woolway:

This report documents the results of a soil and soil vapor investigation completed at the property located at 2150 Commerce Drive, and 2222 and 2350 Qume Drive in the city of San Jose, California (site or property; Figure 1). The property is currently occupied by Becton, Dickinson and Company (BD) who uses the site for office, educational, research and development (R&D), and as a manufacturing and assembly facility. Bridge Acquisition, LLC (Bridge) is considering purchasing the site for continued commercial use and later for future commercial redevelopment. As part of its real estate due diligence, Bridge retained Ardent to complete a Phase I Environmental Site Assessment (ESA) for the property. Based on the ESA, Ardent completed a soil and soil vapor investigation additional document review to further evaluate the property.

BACKGROUND

The site comprises three commercial buildings located at 2350 Qume Drive (referred to as "Building 1"), 2222 Qume Drive (referred to as "Building 2"), and 2150 Commerce Drive (referred to as "Building 3"). In general, Building 1 has been used for office, R&D, manufacturing/assembling purposes; Building 2 has been used for office and educational purposes; and Building 3 has been used for manufacturing/assembling activities. Currently, BD assembles medical devices such as cell sorters and analyzers (CSAs), manufactures biophar-

maceutical reagents used with the CSA machines, conducts R&D to improve and/or design new products, and educates its customers in the use of the CSA machines.

Buildings 1 and 3 were reported on a number of regulatory databases for the use, storage, and handling of chemicals and wastes, including halogenated hydrocarbons (i.e., chlorinated solvents). According to the regulatory files, chemical wastes generated at Building 2 were transported and stored at Building 1 pending disposal. Although there was no indication in regulatory files suggesting the use of chlorinated solvents at Building 2, air quality permits for Building 2 indicated the use of degreasers, which commonly use chlorinated solvents. Based on the historical use of halogenated hydrocarbons and degreaser at Buildings 1, 2, and 3, Ardent recommended completing a subsurface screening investigation to assess whether elevated concentrations of volatile organic compounds (VOCs), namely halogenated hydrocarbons or chlorinated solvents, were present in the subsurface. Groundwater is reported in the site vicinity at a depth of approximately 15 feet below the ground surface (bgs).

A former occupant of the site (Exel Microelectronics, Inc., and MagePower, formerly Rohm Corporation) was issued a Tiered Permit in Building 3 by the California Department of Toxic Substances Control (DTSC). A Tiered Permit allows a hazardous waste generating business to treat eligible waste streams on-site without obtaining an individual treatment, storage, and disposal permit under the Resource Conservation and Recovery Act (RCRA). According to DTSC, the permit was closed in 2001 under the direction of the Santa Clara County Department of Environmental Health (SCCDEH). Laboratory results of soil samples collected during the closure of the waste treatment area under the oversight of the SCCDEH indicated low concentrations of chloromethane (at 6.3 micrograms per kilogram [ug/kg] or 0.0063 milligrams per kilogram [mg/kg]). According to a DTSC database, a report had not been provided to the DTSC, and therefore, the current status of the permit is listed as “inactive – needs evaluation.” Ardent recommended obtaining the closure documentation from the SCCDEH, and if necessary, completing a subsurface investigation to obtain closure of the Tiered Permit.

OBJECTIVES

The objectives of the work described herein were to assess whether elevated concentrations of VOCs, namely halogenated hydrocarbons or chlorinated solvents, were present in soil vapor in the vicinity of Buildings 1, 2, and 3 due to reported on-site use, storage, and/or handling of these

chemicals, and to assess whether elevated concentrations of selected chemicals were present in soil in the vicinity of the waste treatment area associated with the Tiered Permit.

SOIL VAPOR INVESTIGATION

The soil and soil vapor investigations were completed on May 26, 27, and 28, 2021 and included a geophysical survey to clear boring locations, the advancement of four soil borings (designated B1 through B4, as discussed below), and the installation of 10 soil vapor points (designated SG1 through SG10; Figure 2). BD maintains Subsurface Clearance Requirements (SCR) for drilling activities at BD facilities. In accordance with these requirements, Ardent prepared a work plan for review and approval by BD. Following approval, Ardent met with a BD representative to walk the site and locate/mark the proposed boring locations. On May 26, 2021, Ardent retained GPRG to complete a geophysical survey of the boring locations using ground penetrating radar and an electromagnetic pipe locator. Each hole was further cleared by hand augering the upper 5 feet of the boring.

Installation and Sampling of Soil Vapor Points

The soil vapor point locations were chosen based on suspected areas of chemical use, handling, and/or storage (i.e., areas of laboratories, manufacturing/assembly, and the Hazardous Waste Storage Area; Figure 2). Each boring was drilled to a depth of approximately 5 feet bgs for the installation of the soil vapor monitoring point. Soil cuttings were inspected for stains and odors and were containerized in a 55-gallon drum. No stains or odors were noted. The soil vapor monitoring points were constructed of Nylaflow tubing equipped with a sample tip. The sample tip was placed in approximately one foot of #2/12 sand filter pack, followed by approximately one-half foot of dry granular bentonite. The remaining portion of the boring was filled with hydrated granular bentonite. Soil lithology generally consisted of silty fine sand to clayey silt. Soil vapor monitoring point construction details and lithological conditions are provided on the boring logs in Attachment A, and soil vapor logs are presented in Attachment B.

At least two hours following installation, each soil vapor monitoring point was purged of three volumes of air using a purge canister equipped with a low flow regulator (approximately 150 milliliters per minute [ml/min]). A soil vapor sample was collected using an individually certified Summa canister equipped with a low flow regulator (150 ml/min).

Following sampling activities, each sampling tube was removed and the boring locations were resurfaced with concrete.

Laboratory Results

The samples were analyzed for VOCs in general accordance with EPA Method Nos. TO-15 by a state-certified environmental laboratory. Laboratory results were compared to each other as part of a screening technique to assess whether "hot-spots" indicative of a release were noted. A hot-spot is defined as a particular soil vapor point showing more elevated concentrations of VOCs when compared to surrounding sample points, or an increasing trend of concentrations in a particular location on the site. Laboratory reports are presented in Attachment C, and laboratory results of the soil vapor sampling are summarized on Table 1.

Laboratory results of VOCs in the vicinity of Building 2 showed low concentrations when compared to the other sample points (Figures 3 and 4). Higher concentrations of VOCs, namely tetrachloroethylene (PCE; at 150 micrograms per cubic meter [ug/m^3]) and chloroform (at 170 ug/m^3) in SG4 and petroleum hydrocarbon constituents (including benzene at 47 ug/m^3, ethylbenzene at 190 ug/m^3, toluene at 430 ug/m^3, xylenes at 680 ug/m^3, 1,3,5-trimethylbenzene at 210 ug/m^3, and 1,2,4-trimethylbenzene at 590 ug/m^3) in SG2, were present in sample points around Building 1 (Figures 3 and 4). Higher concentrations of PCE (at 77 ug/m^3) were also noted in one soil vapor sample point designated SG9 located immediately southwest of Building 3, when compared to other results (Figure 3).

To assess whether vapor intrusion may be a concern, detectable concentrations of VOCs were also compared to the California Regional Water Quality Control Board, San Francisco Bay Region, Environmental Screening Levels for industrial commercial land use (SFRWQCB-ESLi), the DTSC Screening Levels for industrial/commercial land use (DTSC-SLi), and the EPA Regional Screening Levels for industrial/commercial land use (EPA-RSLi).

Soil vapor screening values are calculated using indoor air screening limits modified with an attenuation factor and cancer risk factor. The SFRWQCB-ESLi screening values are

calculated based on the very conservative EPA attenuation factor of 0.03 and 1 in 1,000,000 cancer risk (10E-6). The EPA attenuation factor of 0.03 used by the EPA and SFRWQCB is based on data sets mostly collected from single-family residences with basement construction and has limited data from large commercial/industrial buildings. In addition, the majority of these data come from states with relatively cold climates where the stack effect due to building heating is expected to enhance the potential for vapor intrusion (i.e. the movement of air in and out of buildings due to air buoyancy or air density from temperature and moisture differences). The way the data sets were collected limits the applicability of the EPA attenuation factor to temperate climates such as California and different building construction types, such as industrial/commercial buildings. Based on this information, a collaborated study was completed in 2018 to obtain more realistic attenuation factors for soil vapor concentrations at California properties (Ettinger et. al., 2018). Based on these reasons, the DTSC uses a less stringent attenuation factor of 0.001 for an existing commercial building, along with cancer risk factors from 1 in 1,000,000 (10E-6) to 1 in 10,000 (10E-4). This is consistent with guidance from DTSC in its Human and Ecological Risk Office (HERO) Human Health Risk Assessment Note 3 and the DTSC 2011 Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air referenced therein. Screening levels for chemicals in soil, groundwater, and soil vapor are not intended to establish regulations or restrictions on land use nor to establish any mitigation or remediation requirements, and the presence of a chemical at concentrations in excess of a screening level does not necessarily indicate adverse effects on human health or the environment, rather that additional evaluation is warranted.

Based on the modified soil vapor screening values, concentrations of benzene, PCE, chloroform, and ethylbenzene were noted to exceed the SFRWQCB-ESLi in three of the 10 sample points (SG2, SG4, and SG9). None of the samples exceeded the DTSC-SLi or EPA-RSLi, even when calculated using the conservative 10E-6 cancer risk factor. Based on this evaluation, these concentrations are considered low and do not pose a significant human health risk to occupants of the site through possible vapor intrusion.

TIERED PERMIT INQUIRIES AND SOIL INVESTIGATION

During a follow-up inquiry with the City of San Jose Planning, Building, and Code Enforcement Division (SJPBCED), Ardent obtained a 1997 site plan of Building 3 which showed an area

referred to as “Waste Treatment” (Figures 5 and 6). Since no information had been obtained from the SCCDEH or DTSC at the time of Ardent’s field work, Ardent recommended completing a soil investigation in the area designated “Waste Treatment” that was assumed to be associated with the Tiered Permit.

As part of the drilling activities, Ardent advanced four soil borings in the location of the former Waste Treatment area to depths of approximately 10 feet bgs using direct push equipment (Figure 6). Fill material consisting of a silty fine sand with some fine gravel and pieces of concrete, red brick, and/or glass was noted from beneath the asphalt to a depth of approximately 8 to 9 feet bgs; no fill material was noted beneath these depths.

Soil samples were collected from each boring at depths of approximately 2.5, 5, and 10 feet bgs. Samples were preserved in the field in accordance with EPA Method No. 5035. Based on the limited information that was available regarding the design of the former waste treatment system, it is unknown whether this feature was aboveground or underground. Ardent, therefore, analyzed the samples collected at 2.5 and 10 feet bgs from each boring. As noted above, the 2.5-foot sample was collected from fill material and the 10-foot sample was collected from native soils.

Soil samples were analyzed for VOCs, Title 22 metals, hexavalent chromium, and pH in general accordance with EPA Method Nos. 8260B, 6010B/7470/7471, 7196A, and 9045B, respectively. Laboratory results were compared to regulatory guidelines for the protection of human health through dermal contact, inhalation, and ingestion (i.e., VOCs, Title 22 metals, and hexavalent chromium), and for the protection of drinking water (i.e., VOCs). Metals are naturally occurring. With the exception of arsenic, concentrations were compared to the human health risk criteria established by SFRWQCB-ESLi, EPA-RSLi, and DTSC-SLi values. Due to the granitic nature of California geology, concentrations of arsenic typically exceed the human health risk guideline prepared by the state and federal agencies. The DTSC completed a study of naturally occurring concentrations of arsenic for school properties for the Los Angeles Unified School District (LAUSD). Based on its study, the DTSC concluded that arsenic is considered elevated at concentrations exceeding 12 mg/kg. pH was compared to the California Code of Regulations (CCR) Title 22 hazardous waste criteria. According to Title 22, pH values equal to or greater

than 12.5 are considered basic, while pH equal to or less than 2 is considered acidic. pH is neutral at 7.

As noted on Table 2, laboratory results indicated no detectable concentrations of VOCs and hexavalent chromium, with the detection limits set well below the regulatory screening values. No detectable to low concentrations of metals were reported. pH was reported at slightly alkaline values (i.e., basic) in native soils, versus more neutral readings in the fill materials. Based on these results, no elevated concentrations of chemicals tested were noted in the designated "Waste Treatment" area.

Following completion of the field work, Ardent obtained copies of the SCCDEH file. The file was incomplete and mixed. It appears that the treatment unit associated with the Tiered Permit was closed at the same time of the facility closure. In the City of San Jose, the City of San Jose Fire Department (SJFD) is responsible to oversee the closure of commercial facilities when they exit a property. Based on our review, Ardent discovered the following key items regarding the facility and waste treatment unit closure. Copies of these documents are provided in Attachment D.

- **Fixed Treatment Unit Closure Plan, dated April 16, 2000** – The "Fixed Treatment Unit Closure Plan" was prepared by Integrated Engineering Services (IES) and submitted to the SJFD for review. This document presented the proposed scope of work to close the MagePower facility located at 2150 Commerce Drive, including the "Fixed Treatment Unit." The Fixed Treatment Unit consisted of two 7,500-gallon wastewater neutralization aboveground storage tanks (ASTs); two 1,500-gallon waste hydrofluoric acid ASTs; a 1,000-gallon sulfuric acid AST; a 3,000-gallon sodium hydroxide AST; and a 1,000-gallon calcium chloride AST. Fluoride in wastewater is precipitated out using calcium chloride, producing a calcium fluoride sludge that was containerized in four 55-gallon drums for off-site disposal. The resulting wastewater was discharged to the municipal sewer. No illustration as to the location of the Fixed Treatment Unit was provided. The Fixed Treatment Unit was reportedly located within secondary containment and no cracks in the concrete were noted. Soil sampling was to be completed under the direction of the SCCDEH.
- **Transmittal of Laboratory Reports, dated June 7, 2000** – A fax from the SJFD to the SCCDEH presented copies of inspection reports and laboratory data of seven soil samples collected in the vicinity of the Fixed Treatment Unit. The sample locations were requested by the SCCDEH during a site visit on April 20, 2000. Laboratory results indicated relatively neutral pH and no detectable concentrations of fluoride. With the exception of one sample reporting 0.0063 mg/kg of chloromethane, laboratory results indicated no detectable concentrations of VOCs.
- **Facility Post-Closure Report, dated June 27, 2000** – IES submitted its "Facility Post-Closure Report" to the SJFD for review and approval. This report documented the closure of the MagePower facility, including the Fixed Treatment Unit (referred to by IES

in this report as the "Chemical Waste Trenches and Piping"). Again, there were no illustrations in this document showing the location of the Fixed Treatment Unit.

- **SJFD No Further Action (NFA) Letter, dated June 30, 2000** – Following its review of the Facility Post-Closure Report, the SJFD issued a NFA letter. In the NFA letter, the SJFD indicated that the DTSC would be notified of the soil sampling results near the Fixed Treatment Unit, in particular the 0.0063 mg/kg of chloromethane noted in one sample. It should be noted that the SJFD mistakenly identified the site address as "2250 Commerce Drive" rather than the correct address of 2150 Commerce Drive.
- **SCCDEH NFA Letter, dated July 25, 2001** – Following its review of the Facility Post-Closure Report, the SCCDEH concluded that "this office considers your treatment operations to be closed as of 7/25/2001 and no longer subject to the operating standards of your treatment authorized tier." Since 0.0063 mg/kg of chloromethane was detected, the SCCDEH referred the case to the DTSC for "further corrective action requirements." It should be noted that this letter also had the incorrect site address, although it had been crossed out and corrected.

Based on these documents and the information obtained by Ardent during its investigation, the former waste treatment unit associated with the Tiered Permit has been adequately closed and removed from the site under the direction and oversight of two regulatory agencies. Laboratory results of confirmation soil samples have shown low concentrations of chloromethane, well below the SFRWQCB-ESLi (470 mg/kg) and EPA-RSLi (460 mg/kg) for the protection of human health, and the SFRWQCB-ESL (11 mg/kg) for the protection of drinking water. Based on this information, the residual concentrations of chloromethane detected at the site are considered low.

During completion of Ardent's Phase I ESA, Ardent requested file reviews from the SCCDEH and DTSC on a number of occasions. Initially, these agencies indicated that no files exist. Upon further inquiries, the SCCDEH file was discovered, and is assumed to have been mistakenly filed using the incorrect address of 2250 Commerce Drive formerly noted on documents prepared by the SJFD and SCCDEH, as described above. Upon discovery, the SCCDEH forwarded the file to the DTSC in an email dated June 29, 2021 and indicated that the SCCDEH considers the MagePower case closed.

CONCLUSIONS AND RECOMMENDATIONS

Based on the results of a Phase I ESA, Ardent identified two possible areas of concern: (i) historical occupants using halogenated hydrocarbons in their operations, and (ii) an open case regarding a former Tiered Permit. Based on the results of a soil vapor survey completed around the perimeter of the three on-site buildings, higher concentrations of petroleum hydrocarbon

constituents and/or selected VOCs were reported in three of the ten sample points, when compared to surrounding sample results. Based on these results, it is possible that residual VOCs from historical uses may be present beneath Buildings 1 and 3. Although these concentrations are approximately 10 to 40 times higher than the surrounding sample points, the concentrations detected to date are not considered a human health risk through possible vapor intrusion. Any residual impacts present in soil under the buildings, if any, could be handled through implementation of a soil management plan if and when the current building slabs are demolished in the future. It is Ardent's opinion that the low levels of VOCs in soil vapor do not represent a current risk to human health or groundwater and the property can be redeveloped for future industrial uses.

Ardent completed a soil sampling event in the vicinity of the suspected Waste Treatment area associated with the Tiered Permit. Laboratory results indicated no detectable concentrations of VOCs and hexavalent chromium, with the detection limits set well below the regulatory screening values. No detectable to low concentrations of metals were reported. pH was reported at slightly alkaline values (i.e., basic) in native soils, versus more neutral readings in the fill materials. In addition, laboratory results of confirmation samples collected following removal of the Waste Treatment unit in 2000 indicated no detectable to low concentrations of chemicals analyzed, well below the current state and federal screening levels for the protection of human health and drinking water. Following review of these data, two regulatory agencies issued NFA letters (i.e., the SJFD and SCCDEH). Ardent has reviewed these data and concurs with these agencies.

REPORT RELIANCE

This report is addressed to Invesco CMI Investments, L.P., a Delaware limited partnership (Invesco), and such other persons as may be designated by Invesco and their respective successors and assigns. Special Conditions include (i) the Report may be relied upon by Invesco in determining whether to make a loan evidenced by a note ("the Property Note") secured by the Subject Property, (ii) the Report may be relied upon by any purchaser in determining whether to purchase the Property Note from Invesco and any nationally recognized statistical rating organization rating or performing a ratings analysis on securities backed by or representing an interest in the Property Note, (iii) the Report may be referred to in and included with materials offering for sale the Property Note or an interest in the Property Note, (iv) persons

who acquire the Property Note or an interest in the Property Note may rely on the Report, (v) the Report speaks only as of its date in the absence of a specific written update of the Report.

This report is for the use and benefit of, and may be relied upon by, Invesco and any of their respective affiliates, agents and advisors, the initial and subsequent holders from time to time of any debt (or any portion thereof) and/or debt securities secured, directly and indirectly, by the property which is the subject of this report, by any participation interest in any such debt (or any portion thereof), and indenture trustee, servicer or other agent acting on behalf of such holders of such debt (or any portion thereof) and/or debt securities; any rating agencies; and the institutional provider(s) from time to time of any liquidity facility or credit support for such financings, and their respective successors and assigns.

In addition, this report or a reference to this report, may be included or quoted in any offering circular, registration statement, private placement memorandum, prospectus or sales brochure (in either electronic or hard copy format) in connection with a securitization or transaction involving such debt (or any portion thereof) and or debt securities.

If there are any questions or comments regarding this letter, please contact the undersigned at your convenience.

Sincerely,
Ardent Environmental Group, Inc.

Jonathan Anderson, P.G.
Senior Staff Geologist

Paul A. Roberts, P.G.
Principal Geologist

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Attachments: Table 1 – Laboratory Results of Soil Vapor Samples
Table 2 – Laboratory Results of Soil Samples
Figure 1 – Site Location Map
Figure 2 – Soil Vapor Point Location Map
Figure 3 – PCE/Chloroform in Soil Vapor
Figure 4 – Petroleum Hydrocarbons in Soil Vapor
Figure 5 – 1997 Site Plan - Building 3
Figure 6 – Detail Map of Waste Treatment Area
Attachment A – Boring Logs
Attachment B – Vapor Sampling Logs
Attachment C – Laboratory Reports
Attachment D – Pertinent Information from the SCCDEH

Distribution: (1) Addressee

REFERENCES

Ardent Environmental Group, Inc. (Ardent), 2021, Draft Phase I Environmental Site Assessment, 2150 Commerce Drive, and 2222 and 2350 Qume Drive, San Jose, California: Report prepared for Bridge Acquisition, LLC, Los Angeles, California, and Invesco CMI Investments, LP, Dallas, Texas, dated May 18, 2021.

Department of Toxic Substances Control (DTSC), 2005, Final Report Background Metals at Los Angeles Unified School Sites – Arsenic: Supplement to the DTSC Preliminary Endangerment Assessment (PEA) for evaluating background concentrations of arsenic at Los Angeles Unified School District (LAUSD) school sites, dated June 6.

Department of Toxic Substances Control (DTSC), 2011, Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air, dated October.

Department of Toxic Substances Control (DTSC), 2015, Advisory Active Soil Gas Investigations, dated July.

Department of Toxic Substances Control (DTSC), Human and Ecological Risk Office (HERO), 2020, Human Health Risk Assessment (HHRA) Note Number 3, Screening Levels (DTSC-SLi), dated June.

Ettinger, R. A., Luis, S., Weinberg, N., McAlary, T., Plantz, G., Dawson, H. E., , Sickenger, J., ERM, Boston, MA, Geosyntec Consultants, Santa Barbara, California, Ontario, ON, and Washington, DC, Haley & Aldrich, Oakland, California, KP Public Affairs, Sacramento, California, and Ramboll, Irvine, California (Ettinger et al.), 2018, Empirical Analysis of Vapor Intrusion Attenuation Factors for Sub-Slab and Soil Vapor – An Updated Assessment for California Sites: Unpublished document presented at the Vapor Intrusion, Remediation, and Site Closure Conference, dated December 5 and 6.

EPA Region 9, 2021, Regional Screening Levels (RSLs) Summary Table, dated May.

Regional Water Quality Control Board, San Francisco Bay Region, Environmental Screening Levels (SFRWQCB-ESL), 2019, dated January.

TABLE 1 – LABORATORY RESULTS OF SOIL VAPOR SAMPLES

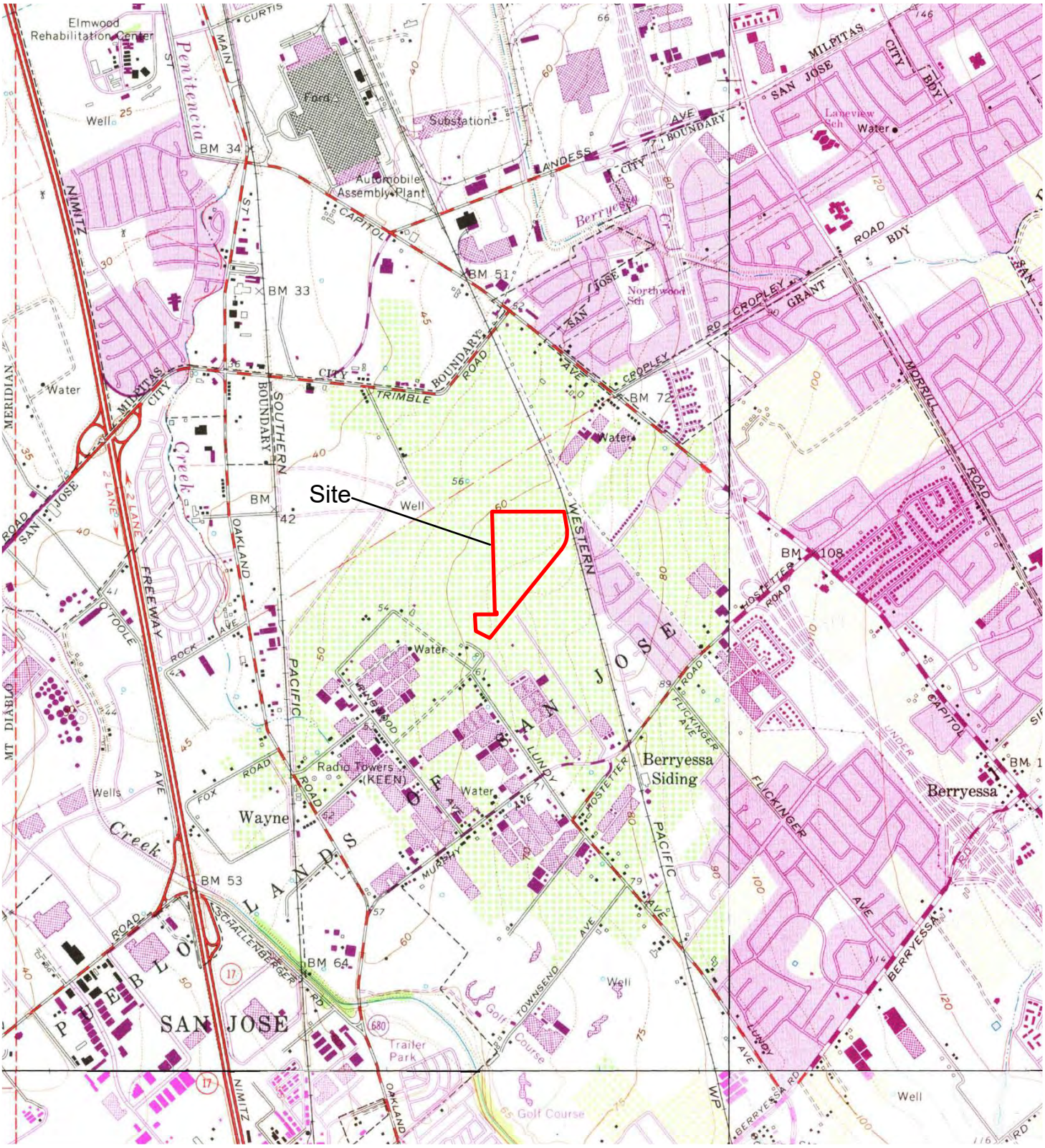
Sample ID	Date Sampled	Depth (feet bgs)	VOCs (ug/m^3)																											
			Acetone	Carbon Disulfide	CFC 113	Isopropyl alcohol	Carbon Tetrachloride	Chlorobenzene	Chloro-form	Cyclohexane	Heptane	Hexane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	Freon 12	4-Ethyltoluene	Styrene	Tetrahydrofuran	PCE	1,1,1-TCA	TCE	Freon 11	1,3,5-TMB	1,2,4-TMB	MEK	MIBK	Benzene	Toluene	Ethylbenzene	m,p-Xylene	o-Xylene	All Others
SG1	5/27/2021	5	**140**	**2.8**	**47**	**7.7**	ND<6.4	ND<4.7	**2.3**	**8.0**	**22**	**13**	ND<31	**7.4**	ND<31	ND<5.0	**1.4**	**0.59**	**41**	**1.2**	ND<5.6	ND<5.5	ND<5.7	ND<5.0	**4.0**	**25**	**8.3**	**4.6**	**14**	**14**	**50**	**15**	ND<2.6-31
SG2	5/27/2021	5	**100**	ND<3.2	**11**	**9.3**	ND<6.4	ND<4.7	ND<5.0	**240**	**89**	**75**	ND<31	**5.6**	ND<31	ND<5.0	**88**	**2.5**	**180**	**1.8**	ND<5.6	ND<5.5	ND<5.7	**210**	**590**	ND<15	ND<42	**47**	**430**	**190**	**680**	**420**	ND<2.6-31
SG3	5/27/2021	5	**220**	ND<3.2	**13**	**51**	ND<6.4	**7.8**	**4.3**	**3.8**	ND<4.2	**5.8**	ND<31	**5.7**	ND<31	ND<5.0	**65**	**1.1**	**82**	**4.8**	ND<5.6	**0.98**	**2.6**	**46**	**120**	**15**	**6.7**	**2.9**	**8.6**	**10**	**50**	**11**	ND<2.6-31
SG4	5/27/2021	5	**120**	**1.3**	**5.7**	**7.6**	**1.7**	ND<4.7	**170**	**5.1**	ND<4.2	**7.4**	ND<31	**6.6**	ND<31	ND<5.0	**2.0**	**0.79**	**69**	**150**	ND<5.6	**16**	**1.9**	ND<5.0	**5.0**	**6.2**	ND<42	**2.5**	**12**	**8.5**	**33**	**9.0**	ND<2.6-31
SG5	5/27/2021	5	**160**	ND<3.2	**7.4**	**7.1**	ND<6.4	ND<4.7	**8.7**	ND<3.5	ND<4.2	ND<3.6	ND<31	**6.0**	ND<31	**2.0**	**1.2**	**0.43**	**42**	**3.7**	ND<5.6	**1.0**	ND<5.7	ND<5.0	**3.1**	**8.7**	**3.2**	**2.0**	**8.7**	**5.9**	**23**	**6.4**	ND<2.6-31
SG6	5/27/2021	5	**180**	**2.5**	ND<7.7	**7.4**	ND<6.4	ND<4.7	**1.3**	ND<3.5	**7.9**	ND<3.6	ND<31	**7.2**	ND<31	**1.5**	ND<5.0	**0.44**	**30**	**7.2**	ND<5.6	**0.56**	**1.5**	ND<5.0	**3.0**	**15**	**6.3**	**2.3**	**15**	**8.4**	**33**	**10**	ND<2.6-31
SG7	5/27/2021	5	**23**	**2.9**	ND<7.7	**4.0**	ND<6.4	ND<4.7	**2.4**	ND<3.5	ND<4.2	ND<3.6	ND<31	ND<31	ND<31	ND<5.0	ND<5.0	ND<4.3	**8.3**	**6.4**	ND<5.6	**0.61**	ND<5.7	ND<5.0	**0.95**	ND<15	ND<42	**0.47**	**6.2**	**4.1**	**15**	**3.9**	ND<2.6-31
SG8	5/28/2021	5	**76**	**5.7**	ND<7.7	**4.0**	ND<6.4	ND<4.7	ND<5.0	ND<3.5	ND<4.2	ND<3.6	ND<31	ND<31	ND<31	ND<5.0	**0.50**	ND<4.3	**7.7**	**22**	ND<5.6	**0.83**	**2.0**	ND<5.0	**1.3**	**3.4**	ND<42	**0.76**	**11**	**4.2**	**16**	**4.2**	ND<2.6-31
SG9	5/28/2021	5	**150**	**6.6**	**74**	**9.7**	ND<6.4	ND<4.7	**1.1**	**6.1**	**5.9**	**5.7**	**1.2**	**2.0**	**1.0**	ND<5.0	**0.82**	**1.1**	**10**	**77**	**1.7**	**22**	**27**	ND<5.0	**2.9**	**8.8**	ND<42	**4.1**	**15**	**6.9**	**25**	**5.6**	ND<2.6-31
SG10	5/28/2021	5	**65**	**5.3**	ND<7.7	**3.6**	ND<6.4	ND<4.7	ND<5.0	ND<3.5	**2.4**	**1.4**	ND<31	**1.4**	ND<31	ND<5.0	**0.66**	ND<4.3	**5.9**	**2.9**	ND<5.6	ND<5.5	ND<5.7	ND<5.0	**1.2**	**3.4**	ND<42	ND<3.3	**8.0**	**4.5**	**17**	**4.3**	ND<2.6-31
Regulatory Screening Levels																																	
SFRWQCB ESLi (0.03 AF)			4,500,000	NA	NA	NA	68	7,300	18	NA	NA	NA	29,000	NA	37	NA	NA	130,000	NA	67	150,000	100	NA	NA	NA	170,000	100,000	14	44,000	160	15,000	15,000	Various
DTSC- SLi (0.001 AF)			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3,900,000	NA	2,000	4,400,000	NA	5,300,000	NA	NA	NA	NA	420	1,300,000	NA	NA	NA	2.7-5,300,00
EPA- RSLi (0.001 AF)			140,000,000	3,100,000	22,000,000	NA	2,000	220,000	530	26,000,000	1,800,000	3,100,000	880,000	NA	1,100	440,000	NA	4,400,000	8,800,000	47,000	22,000,000	3,000	NA	260,000	260,000	22,000,000	13,000,000	1,600	22,000,000	4,900	440,000	440,000	180-22,000,000

Notes:
ID - identification
feet bgs - feet below ground surface
VOCs - volatile organic compounds analyzed in general accordance with EPA Method No. TO-15
ug/m^3 - micrograms per cubic meter
CFC 113 - 1,1,2-trichloro-1,2,2-trifluoroethane
Freon 12 - dichlorodifluoromethane
PCE - tetrachloroethane
TCE - trichloroethene
1,1,1-TCA - 1,1,1-trichloroethane
Freon 11 - Trichlorofluoromethane
1,3,5-TMB - 1,3,5-trimethylbenzene
1,2,4-TMB - 1,2,4-trimethylbenzene
MEK - 2-butanone or methyl ethyl ketone
MIBK - methyl isobutyl ketone
ND - no detectable concentrations above the laboratory reporting limit
SFRWQCB ESLi (0.03 AF) - California Regional Water Quality Control Board, San Francisco Bay Region, Environmental Screening Levels for industrial/commercial ambient air, modified using a 0.03 attenuation factor and a 1 in 1,000,000 (10E-6) cancer risk factor
DTSC-SLi (0.001 AF) - California Department of Toxic Substances Control, Human and Ecological Risk Office (HERO), Human Health Risk Assessment (HHRA), Note 3, Screening Levels for industrial/commercial ambient air modified for soil gas using the DTSC approved attenuation factor of 0.001 and a 1 in 1,000,000 (10E-6) cancer risk factor, dated June 2020
EPA-RSLi (0.001 AF) - Environmental Protection Agency, Region 9, Regional Screening Levels for industrial/commercial ambient air modified for soil gas using the DTSC approved attenuation factor of 0.001 and a 1 in 1,000,000 (10E-6) cancer risk factor, dated May 2021
NA - not available / not applicable

TABLE 2 – LABORATORY RESULTS OF SOIL SAMPLES

Sample ID	Date Sampled	Depth (feet bgs)	pH	VOCs (mg/kg)	Title 22 Metals (mg/kg)																
					Antimony	Silver	Arsenic	Barium	Beryllium	Cadmium	Total Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Thallium	Vanadium	Zinc	Hexavalent Chromium
B1	5/28/2021	2.5	**8.6**	ND<1.7-6.6	ND<3.0	ND<2.0	ND<5.0	**97**	ND<1.0	ND<2.0	**28**	**8.7**	**22**	**6.8**	ND<0.10	ND<5.0	**39**	ND<5.0	ND<5.0	**27**	**37**	ND<0.072*
		10	**12.3**	ND<3.7-15	ND<3.0	**2.3**	ND<5.0	**47**	ND<1.0	ND<2.0	**7.6**	**2.0**	**20**	ND<3.0	ND<0.10	ND<5.0	**2.5**	ND<5.0	ND<5.0	**18**	**8.2**	ND<0.072*
B2	5/28/2021	2.5	**8.6**	ND<1.7-6.7	ND<3.0	ND<2.0	ND<5.0	**99**	ND<1.0	ND<2.0	**30**	**11**	**26**	**7.6**	ND<0.10	ND<5.0	**41**	ND<5.0	ND<5.0	**33**	**46**	ND<0.072*
		10	**11.6**	ND<2.5-10	ND<3.0	ND<2.0	ND<5.0	**50**	ND<1.0	ND<2.0	**95**	**9.4**	**15**	ND<3.0	ND<0.10	ND<5.0	**110**	ND<5.0	ND<5.0	**24**	**33**	ND<0.072*
B3	5/28/2021	2.5	**10.9**	ND<1.8-7.0	ND<3.0	ND<2.0	ND<5.0	**75**	ND<1.0	ND<2.0	**23**	**7.4**	**21**	**4.2**	ND<0.10	ND<5.0	**32**	ND<5.0	ND<5.0	**24**	**35**	ND<0.072*
		10	**11.8**	ND<2.5-10	ND<3.0	**2.1**	ND<5.0	**73**	ND<1.0	ND<2.0	**48**	**3.2**	**67**	ND<3.0	ND<0.10	ND<5.0	**15**	ND<5.0	ND<5.0	**14**	**250**	ND<0.072*
B4	5/28/2021	2.5	**8.5**	ND<2.5-10	ND<3.0	ND<2.0	ND<5.0	**41**	ND<1.0	ND<2.0	**12**	**4.1**	**3.7**	**3.0**	ND<0.10	ND<5.0	**9.9**	ND<5.0	ND<5.0	**16**	**18**	ND<0.072*
		10	**12.3**	ND<3.7-15	ND<3.0	**3.3**	ND<5.0	**40**	ND<1.0	ND<2.0	**7.7**	ND<2.0	**4.8**	ND<3.0	ND<0.10	ND<5.0	**2.2**	ND<5.0	ND<5.0	**10**	**8.5**	ND<0.072*
Regulatory Screening Levels																						
SFRWQCB-ESL (Protection of Groundwater)			NA	Various	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SFRWQCB-ESLi (Protection of Human Health)			NA	Various	160	5,800	0.31	220,000	6,900	4,000	1,800,000	1,900	47,000	320	190	5,800	64,000	5,800	12	5,800	350,000	6.2
DTSC-SLi (Protection of Human Health			NA	Various	NA	NA	0.36	NA	230	780	NA	NA	NA	320	4.4	NA	11,000	NA	NA	NA	NA	6.2
EPA-RSLi (Protection of Human Health)			NA	Various	470	5,800	3.0	220,000	2,300	980	1,800,000	350	47,000	800	46	5,800	22,000	5,800	12	5,800	350,000	6.3
Background for Arsenic			NA	NA	NA	NA	12	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

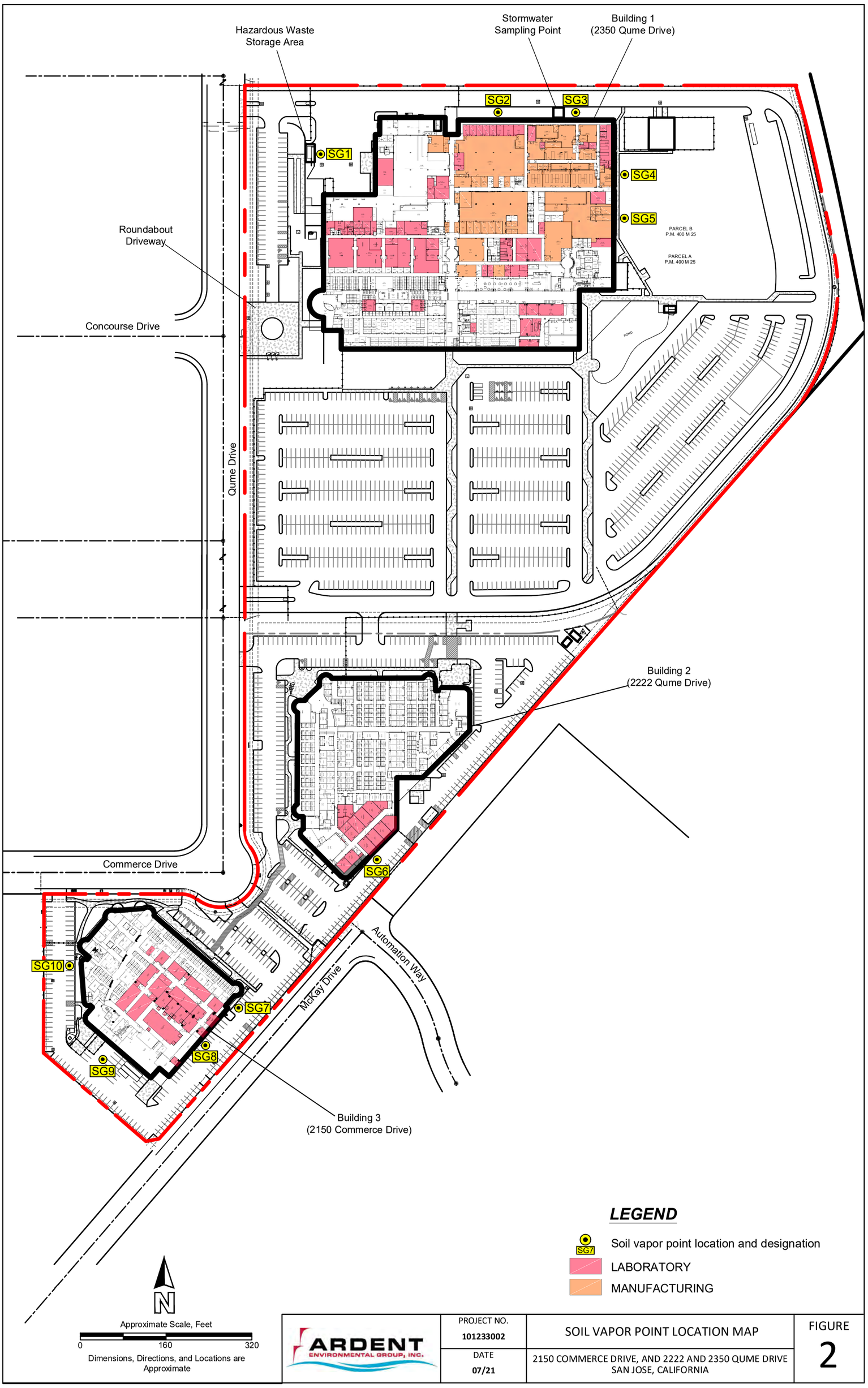
Notes:
ID - identification
feet bgs - feet below the ground surface
mg/kg - milligrams per kilogram
VOCs - volatile organic compounds analyzed in general accordance with EPA Method No. 8260B/5035
pH - analyzed in general accordance with EPA Method No 9045B
Title 22 Metals - analyzed in general accordance with EPA Method Nos. 6010B/7470/7471
Hexavalent Chromium - analyzed in general accordance with EPA Method No. 7196A
pH was compared to the California Code of Regulations (CCR) Title 22 hazardous waste criteria. pH equal to or greater than 12.5 is considered basic; pH equal to or less than 2 is considered acidic; pH of 7 is neutral
ND - no detectable concentrations above the laboratory reporting limit. * Hexavalent chromium reported as no detectable concentration above the laboratory detection limit
SFRWQCB-ESL - California Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB), Summary of Soil Environmental Screening Levels (ESLs) for the protection of drinking water through possible leachability, dated January 2019
SFRWQCB-ESLi - California Regional Water Quality Control Board, San Francisco Bay Region (SFRWQCB), Summary of Soil Environmental Screening Levels for industrial/commercial land use, dated January 2019
DTSC-SLi - California Department of Toxic Substances Control, Human and Ecological Risk Office (HERO), Human Health Risk Assessment (HHRA), Note 3, Screening Levels for industrial/commercial land use, dated June 2020
EPA-RSLi - Environmental Protection Agency (EPA), Regional Screening Levels for industrial/commercial land use, dated November 2020
Background for Arsenic - California Department of Toxic Substances Control (DTSC), Final Report Background Metals at Los Angeles Unified School Sites - Arsenic: Supplement to the DTSC Preliminary Endangerment Assessment (PEA) for evaluating background concentrations of arsenic at Los Angeles Unified School District (LAUSD) school sites, dated June 6, 2005
NA - not available / not applicable
Highlighted cell indicates a concentration that exceeds a regulatory screening level



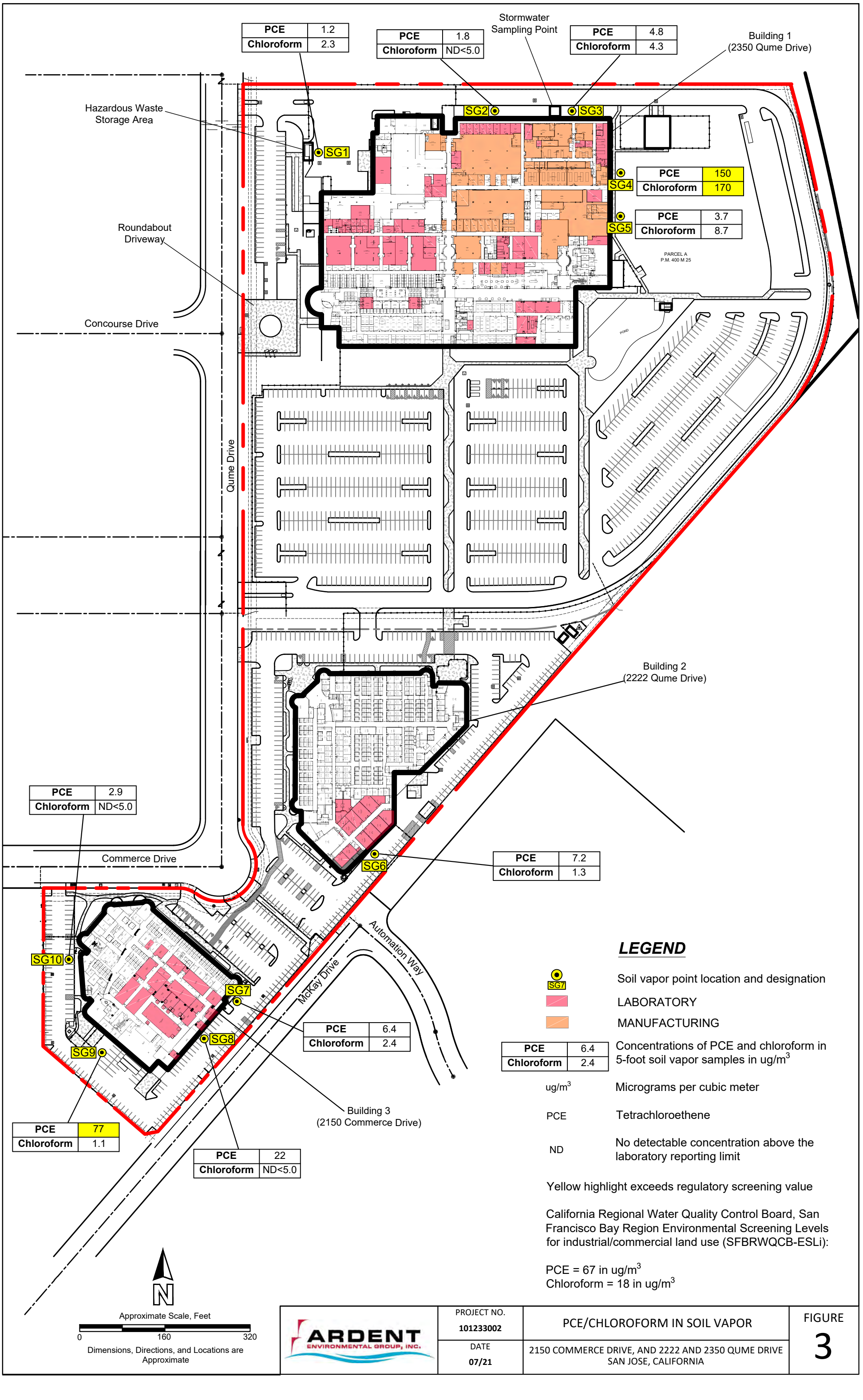
Source: United States Geological Survey (USGS) 7.5 minute series, San Jose, California, Topographic Quadrangle Map dated 1973

0 Miles 0.25 0.5 1 1.5

ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 101233002	SITE LOCATION MAP	FIGURE 1
	DATE 07/21	2150 COMMERCE DRIVE, AND 2222 AND 2350 QUME DRIVE SAN JOSE, CALIFORNIA	



ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 101233002	SOIL VAPOR POINT LOCATION MAP	FIGURE 2
	DATE 07/21	2150 COMMERCE DRIVE, AND 2222 AND 2350 QUME DRIVE SAN JOSE, CALIFORNIA	



LEGEND

- SG7 — Soil vapor point location and designation
- LABORATORY
- MANUFACTURING
- PCE 6.4 / Chloroform 2.4 — Concentrations of PCE and chloroform in 5-foot soil vapor samples in ug/m^3
- ug/m^3 — Micrograms per cubic meter
- PCE — Tetrachloroethene
- ND — No detectable concentration above the laboratory reporting limit

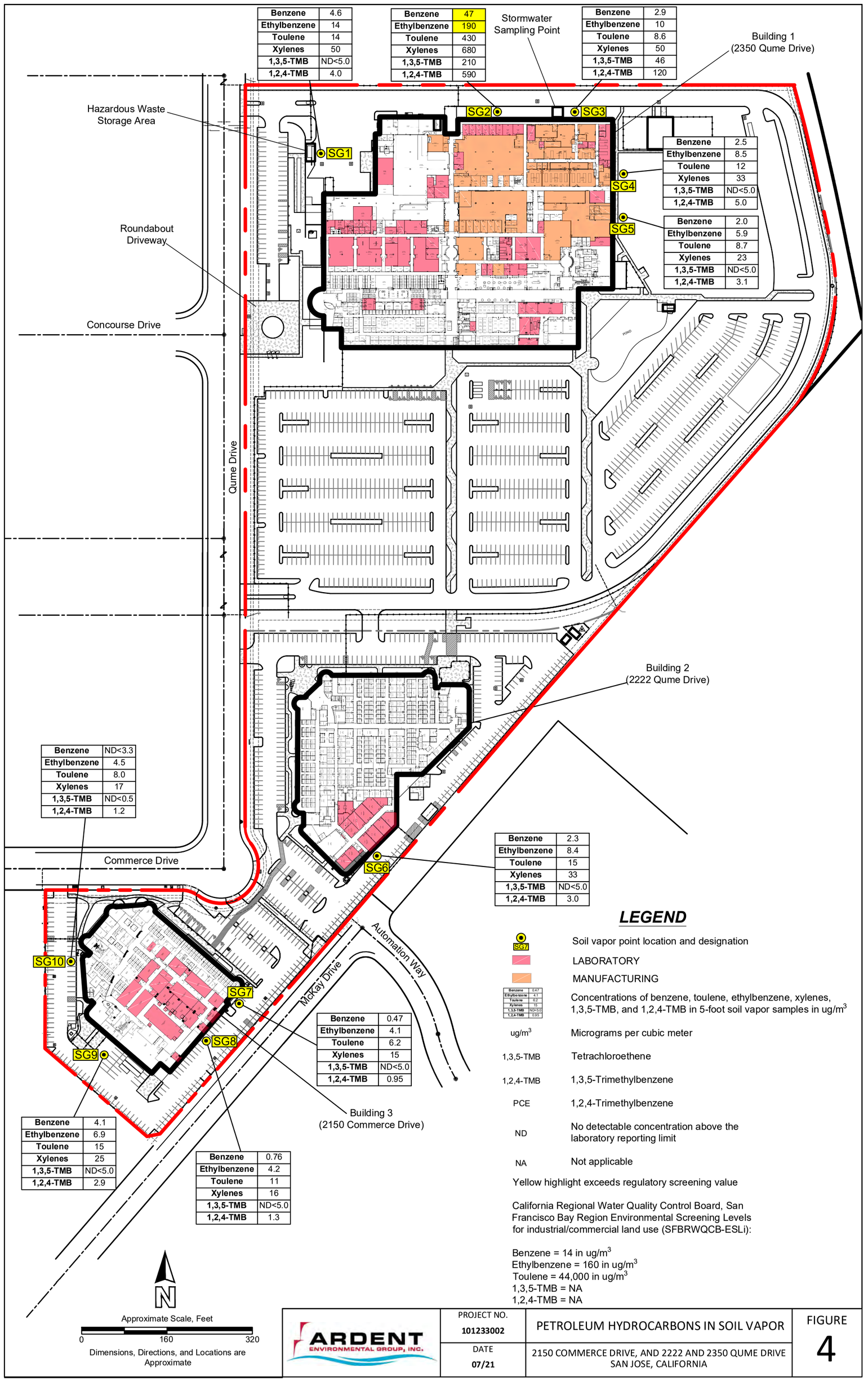
Yellow highlight exceeds regulatory screening value

California Regional Water Quality Control Board, San Francisco Bay Region Environmental Screening Levels for industrial/commercial land use (SFBRWQCB-ESLi):

PCE = 67 in ug/m^3
Chloroform = 18 in ug/m^3

ARDENT ENVIRONMENTAL GROUP, INC.

PROJECT NO.	PCE/CHLOROFORM IN SOIL VAPOR	FIGURE
101233002		3
DATE 07/21	2150 COMMERCE DRIVE, AND 2222 AND 2350 QUME DRIVE SAN JOSE, CALIFORNIA	



LEGEND

- SG7 — Soil vapor point location and designation
- LABORATORY
- MANUFACTURING
- Benzene 0.47 / Ethylbenzene 4.1 / Toulene 6.2 / Xylenes 15 / 1,3,5-TMB ND<5.0 / 1,2,4-TMB 0.95 — Concentrations of benzene, toulene, ethylbenzene, xylenes, 1,3,5-TMB, and 1,2,4-TMB in 5-foot soil vapor samples in ug/m^3
- ug/m^3 — Micrograms per cubic meter
- 1,3,5-TMB — Tetrachloroethene
- 1,2,4-TMB — 1,3,5-Trimethylbenzene
- PCE — 1,2,4-Trimethylbenzene
- ND — No detectable concentration above the laboratory reporting limit
- NA — Not applicable

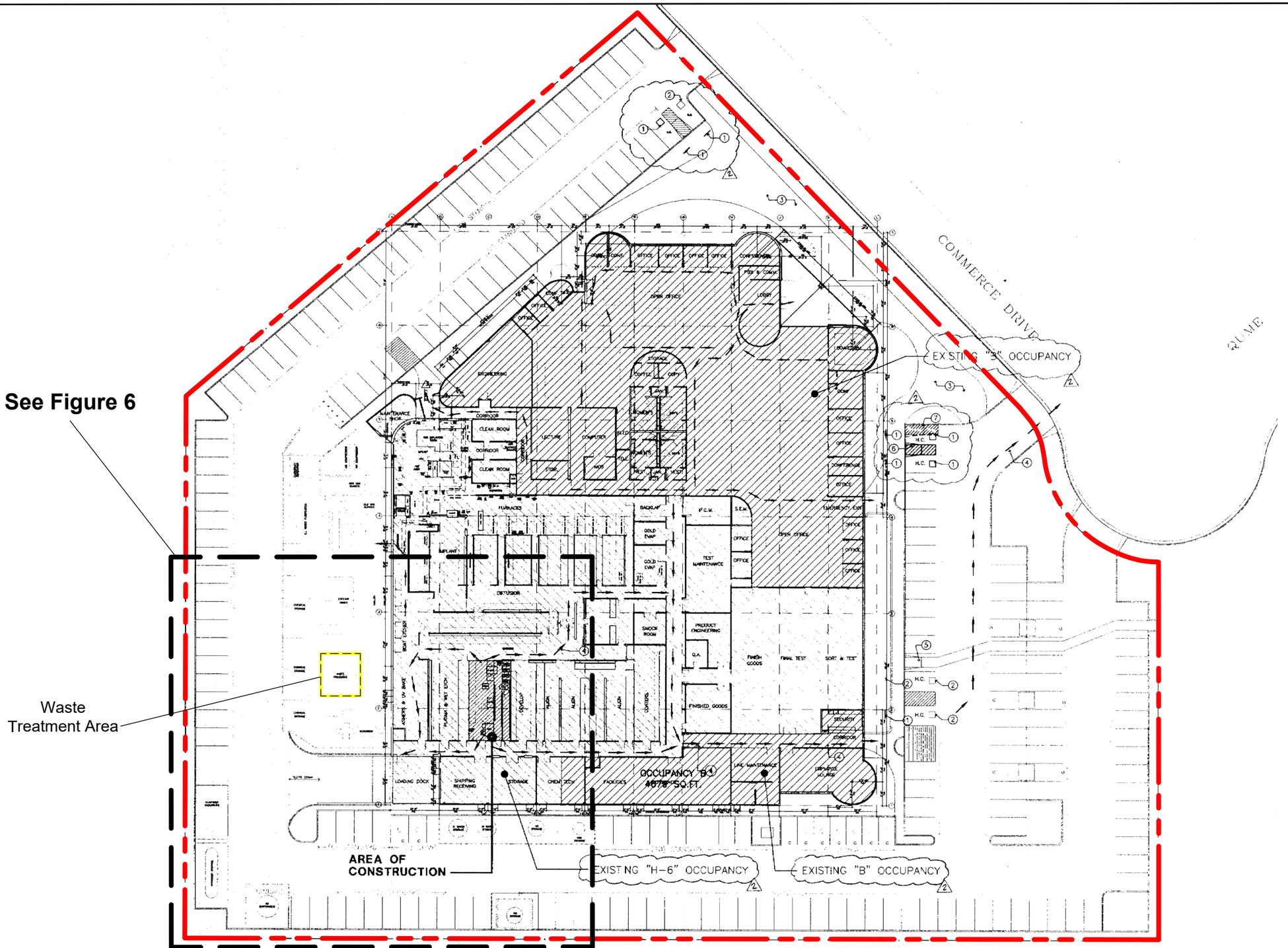
Yellow highlight exceeds regulatory screening value

California Regional Water Quality Control Board, San Francisco Bay Region Environmental Screening Levels for industrial/commercial land use (SFBRWQCB-ESLi):

Benzene = 14 in ug/m^3
Ethylbenzene = 160 in ug/m^3
Toulene = 44,000 in ug/m^3
1,3,5-TMB = NA
1,2,4-TMB = NA

ARDENT ENVIRONMENTAL GROUP, INC.

PROJECT NO.	PETROLEUM HYDROCARBONS IN SOIL VAPOR	FIGURE
101233002		4
DATE 07/21	2150 COMMERCE DRIVE, AND 2222 AND 2350 QUME DRIVE SAN JOSE, CALIFORNIA	



LEGEND

Approximate site boundary

Note:

Base map dated November 24, 1997 obtained from the City of San Jose Planning, Building, and Code Enforcement Division

N

Approximate Scale, Feet

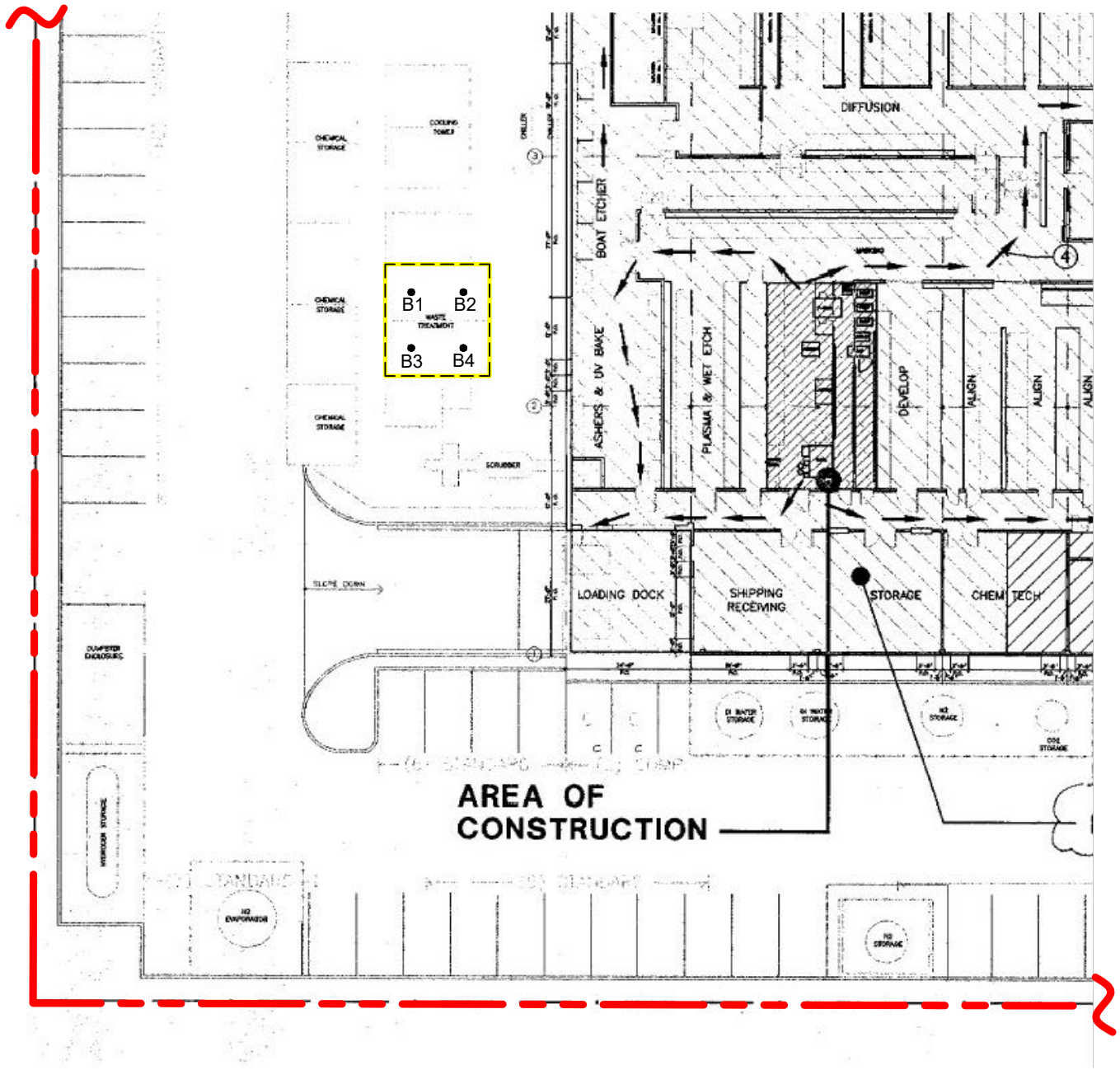
0 25 50 100

Dimensions, Directions, and Locations are Approximate

ARDENT ENVIRONMENTAL GROUP, INC.	PROJECT NO. 101233002	1997 SITE PLAN - BUILDING 3
	DATE 07/21	2150 COMMERCE DRIVE, AND 2222 AND 2350 QUME DRIVE SAN JOSE, CALIFORNIA
		FIGURE 5

LEGEND

- Approximate site boundary
- Waste treatment area
- B1 — Soil boring location and designation



Note:

Base map dated November 24, 1997 obtained from the City of San Jose Planning, Building, and Code Enforcement Division

N

Approximate Scale, Feet

0 15 30 60

Dimensions, Directions, and Locations are Approximate

ARDENT ENVIRONMENTAL GROUP, INC.

PROJECT NO.	DETAILED MAP OF WASTE TREATMENT AREA	FIGURE
101233002		6
DATE 07/21	2150 COMMERCE DRIVE, AND 2222 AND 2350 QUME DRIVE SAN JOSE, CALIFORNIA	

ATTACHMENT A

BORING LOGS

BORING LOG EXPLANATION SHEET

DEPTH (feet)	SAMPLES: Bulk	SAMPLES: Driven	BLOWS/ FOOT	SAMPLE ID	ORGANIC VAPORS (ppm)	SYMBOL	CLASSIFICATION U.S.C.C.	
0	■							Bulk sample.
		■						Modified split-barrel drive sampler.
		☒						No recovery with modified split-barrel drive sampler.
		▮						Continuous push 2.25-inch O.D. (1.5-inch I.D.) sampler.
		╱						No recovery with a continuous push sampler.
5		⊏	XX/XX					Continuous push 1.5-inch O.D. (1.0-inch I.D.) sampler.
		▤						Hand auger or logged soil cuttings.
10								
						▩	SM	ALLUVIUM: Solid line denotes actual change.
								Dashed line denotes approximate change.
15								▽ Groundwater encountered during drilling. ▼ Groundwater measured after drilling.
20								The total depth line is a solid line that is drawn at the bottom of the boring

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ENVIRONMENTAL GROUP, INC.

BORING LOG

EXPLANATION OF BORING LOG SYMBOLS

PROJECT NO.	DATE	FIGURE

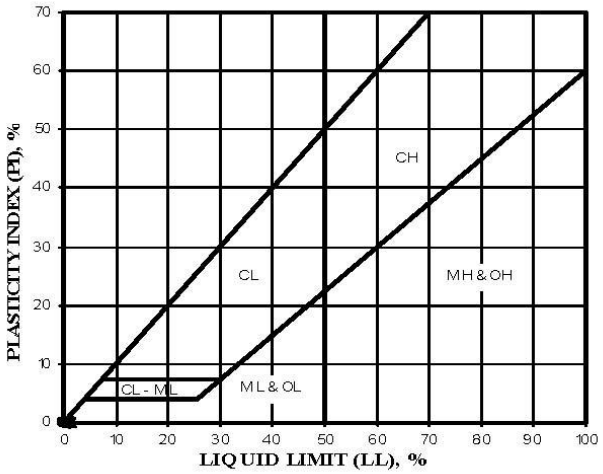
U.S.C.S. METHOD OF SOIL CLASSIFICATION

MAJOR DIVISIONS		SYMBOL	TYPICAL NAMES
COARSE-GRAINED SOILS (More than 1/2 of soil > No. 200 sieve size)	**GRAVELS (More than 1/2 of coarse fraction > No. 4 sieve size)**	GW	Well graded gravels or gravel-sand mixtures, little or no fines
		GP	Poorly graded gravels or gravel-sand mixtures, little or no fines
		GM	Silty gravels, gravel-sand-silt mixtures
		GC	Clayey gravels, gravel-sand-clay mixtures
	SANDS (More than 1/2 of coarse fraction < No. 4 sieve size)	SW	Well graded sands or gravelly sands, little or no fines
		SP	Poorly graded sands or gravelly sands, little or no fines
		SM	Silty sands, sand-silt mixtures
		SC	Clayey sands, sand-clay mixtures
FINE-GRAINED SOILS (More than 1/2 of soil < No. 200 sieve size)	**SILTS & CLAYS Liquid limit < 50**	ML	Inorganic silts and very fine sands, rock flour, silty or clayey fined sands or clayey silts
		CL	Inorganic clays of low to medium plasticity gravelly clays, sandy clays, silty clays, lean
		OL	Organic silts and organic silty clays of low plasticity
	SILTS & CLAYS Liquid limit > 50	MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts
		CH	Inorganic clays of high plasticity, fat clays
		OH	Organic clays of medium to high plasticity, organic silty clays, organic silts
HIGHLY ORGANIC SOILS		PT	Peat and other highly organic soils

GRAIN SIZE CHART

CLASSIFICATION	RANGE OF GRAIN SIZE	
	U.S. Standard Sieve Size	Grain Size in Millimeters
BOULDERS	Above 12"	Above 305
COBBLES	12" to 3"	305 to 76.2
GRAVEL Coarse Fine	3" to No. 4 3" to 3/4" 3/4" to No. 4	76.2 to 4.76 73.2 to 19.1 19.1 to 4.76
SAND Coarse Medium Fine	No. 4 to No. 200 No. 4 to No. 10 No. 10 to No. 40 No. 40 to No. 200	4.76 to 0.075 4.76 to 2.00 2.00 to 0.420 0.420 to 0.075
Silt & Clay	Below No. 200	Below 0.075

PLASTICITY



Ardent Environmental Group, Inc.
1827 Capital Street, Suite 103
Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER B1

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/28/21 **COMPLETED** 5/28/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger/Direct Push
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0			0.3	4 inches ASPHALT
				(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND with some fine gravel and concrete, fill material noted
	B1-2.5			Becomes olive gray (5 Y 3/2) at 2 feet, staining and no odor noted
				Becomes dark yellowish brown (10 YR 4/2) at 3 feet, with some concrete and red brick, no staining or odor noted
5	B1-5	SM		
				Becomes very pale orange (10 YR 6/6), silty fine SAND with cobbles at 9 feet, no fill material noted
10	B1-10		10.0	

- No groundwater encountered
- Bottom of borehole at 10.0 feet.

GENERAL BH / SOIL GAS - GINT STD US.GDT - 7/14/21 08:37 - C:\PROGRAM FILES (X86)\GINT\PROJECTS\101233002 WL.GPJ

Ardent Environmental Group, Inc.
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Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER B2

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/28/21 **COMPLETED** 5/28/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger/Direct Push
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0			0.3	4 inches ASPHALT
		SM		(SM) Dark yellowish brown (10 YR 4/2), damp, silty fine SAND with trace fine gravel, fill material noted
	B2-2.5		2.5	
		ML		(ML) Dark yellowish brown (10 YR 4/2), damp, clayey SILT with some fine gravel, conrete, and glass, fill material noted
5	B2-5		5.0	
		SM		(SM) Moderate yellowish brown (10 YR 5/4), damp, silty coarse SAND with trace cobbles and concrete, fill material noted
		SM		(SM) Becomes silty fine SAND at 9 feet, no fill material noted
10	B2-10		10.0	

- No groundwater encountered
- No stained or odorous soil noted
- Bottom of borehole at 10.0 feet.

GENERAL BH / SOIL GAS - GINT STD US.GDT - 7/14/21 08:37 - C:\PROGRAM FILES (X86)\GINT\PROJECTS\101233002 WL.GPJ

Ardent Environmental Group, Inc.
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Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER B3

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/28/21 **COMPLETED** 5/28/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger/Direct Push
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0				0.3 4 inches ASPHALT
				(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND with some coarse gravel with trace red brick and concrete, fill material noted
	B3-2.5			
				Becomes dark yellowish brown (10 YR 4/2) with trace fine gravel and concrete at 3 feet
5	B3-5	SM		
				Becomes very pale orange (10 YR 8/2), silty fine SAND with some coarse gravel at 8 feet, no fill material noted
10	B3-10			10.0

- No groundwater encountered
- No stained or odorous soil noted
- Bottom of borehole at 10.0 feet.

GENERAL BH / SOIL GAS - GINT STD US.GDT - 7/14/21 08:37 - C:\PROGRAM FILES (X86)\GINT\PROJECTS\101233002 WL.GPJ

Ardent Environmental Group, Inc.
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Fax: 951-736-7560

BORING NUMBER B4

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/28/21 **COMPLETED** 5/28/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger/Direct Push
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0			0.3	4 inches ASPHALT
				(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND with some coarse gravel and concrete, fill material noted
	B4-2.5			
5	B4-5	SM		Becomes dark yellowish brown (10 YR 4/2) at 5 feet
10	B4-10		10.0	Becomes moderate yellowish brown (10 YR 5/4), silty coarse SAND with trace cobbles at 9 feet, no fill material noted

- No groundwater encountered
- No stained or odorous soil noted
- Bottom of borehole at 10.0 feet.

GENERAL BH / SOIL GAS - GINT STD US.GDT - 7/14/21 08:37 - C:\PROGRAM FILES (X86)\GINT\PROJECTS\101233002 WL.GPJ

Ardent Environmental Group, Inc.
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Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER SG1

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0				0.2 2 inches ASPHALT	
		SM		(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND with some fine gravel	
				2.0	Hydrated granular bentonite
		ML		(ML) Dark yellowish brown (10 YR 4/2), moist, clayey SILT with trace fine sand	
5				Becomes moderate yellowish brown (10 YR 5/4) at 4 feet	Dry granular bentonite #2/12 sand
				5.0	

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

GENERAL BH / SOIL GAS - GINT STD US.GDT - 7/14/21 08:37 - C:\PROGRAM FILES (X86)\GINT\PROJECTS\101233002 WL.GPJ

Ardent Environmental Group, Inc.
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Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER SG10

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0				0.3 4 inches ASPHALT (ML) Dark yellowish brown (10 YR 4/2), moist, clayey SILT with trace fine SAND	Hydrated granular bentonite
		ML		Becomes moderate yellowish brown (10 YR 5/4) at 3.5 feet	Dry granular bentonite
5				5.0 Some coarse gravel noted at 4.5 feet	#2/12 sand

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

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Fax: 951-736-7560

BORING NUMBER SG2

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0		SM		(SM) Dark yellowish brown (10 YR 4/2), damp, silty fine SAND with trace clay and fine gravel	Hydrated granular bentonite
3.0		ML		(ML) Dark yellowish brown (10 YR 4/2), damp, clayey SILT	Dry granular bentonite; #2/12 sand
5				5.0	

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

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BORING NUMBER SG3

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0		SM		(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND with trace fine gravel	Hydrated granular bentonite
				2.0	
		ML		(ML) Dark yellowish brown (10 YR 4/2), damp, clayey SILT	
				Becomes moderate yellowish brown (10 YR 5/4) at 4 feet	Dry granular bentonite
5				5.0	#2/12 sand

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

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Ardent Environmental Group, Inc.
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Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER SG4

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0		SM		(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND with some fine gravel	Hydrated granular bentonite
2.0					
		ML		(ML) Dark yellowish brown (10 YR 4/2), damp, clayey SILT	Dry granular bentonite
				Becomes moderate yellowish brown (10 YR 5/4) at 4 feet	#2/12 sand
5					
5.0					

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

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Ardent Environmental Group, Inc.
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Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER SG5

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0		SM		(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND with trace fine gravel	Hydrated granular bentonite
2.0					
		ML		(ML) Dark yellowish brown (10 YR 4/2), damp, clayey SILT	Dry granular bentonite
5				Becomes moderate yellowish brown (10 YR 5/4) at 4 feet	#2/12 sand
5.0					

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

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Fax: 951-736-7560

BORING NUMBER SG6

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0				0.3 4 inches ASPHALT (ML) Dark yellowish brown (10 YR 4/2), moist, clayey SILT with trace fine sand	Hydrated granular bentonite
		ML		Becomes moderate yellowish brown (10 YR 5/4) at 3.5 feet	Dry granular bentonite #2/12 sand
5				5.0	

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

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Ardent Environmental Group, Inc.
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Corona, California 92880
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Fax: 951-736-7560

BORING NUMBER SG7

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0				0.3 4 inches ASPHALT	Hydrated granular bentonite
		SM		(SM) Moderate yellowish brown (10 YR 5/4), damp, silty fine SAND	
				1.5 (ML) Moderate yellowish brown (10 YR 5/4), moist, clayey SILT	Dry granular bentonite
		ML			#2/12 sand
5				5.0	

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

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Ardent Environmental Group, Inc.
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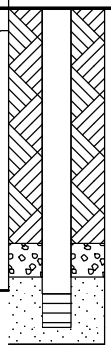
BORING NUMBER SG8

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0				0.3 4 inches ASPHALT
				(ML) Olive gray (5 Y 3/2), damp, clayey SILT, no odor noted
		ML		Becomes moderate yellowish brown (10 YR 5/4) at 2 feet
				4.2 Refusal at 4.2 feet

SOIL GAS SAMPLING PROBE DIAGRAM



- No groundwater encountered
- Refusal at 4.2 feet due to cobbles
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 4.2 feet.

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Ardent Environmental Group, Inc.
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Corona, California 92880
Telephone: 951-736-5334
Fax: 951-736-7560

BORING NUMBER SG9

CLIENT Bridge Acquisition, LLC
PROJECT NAME 2150 Commerce Drive
PROJECT NUMBER 101233002
PROJECT LOCATION 2150 Commerce Drive, San Jose, CA
DATE STARTED 5/27/21 **COMPLETED** 5/27/21
GROUND ELEVATION _____ **HOLE SIZE** 2.25-inches
DRILLING CONTRACTOR Cascade Drilling
GROUND WATER LEVELS:
DRILLING METHOD Hand Auger
AT TIME OF DRILLING ---
LOGGED BY Jon Anderson **CHECKED BY** Jon Anderson
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION	SOIL GAS SAMPLING PROBE DIAGRAM
0				0.3 4 inches ASPHALT (SM) Moderate yellowish brown (10 YR 4/5), damp, silty fine SAND with some fine gravel (Fill)	Hydrated granular bentonite
		SM		Red brick (Fill) noted at 3.5 feet	Dry granular bentonite #2/12 sand
5				5.0	

- No groundwater encountered
- No stained or odorous soil noted
- Soil vapor monitoring point constructed of 0.25-inch Nylaflow tubing
- Bottom of borehole at 5.0 feet.

GENERAL BH / SOIL GAS - GINT STD US.GDT - 7/14/21 08:37 - C:\PROGRAM FILES (X86)\GINT\PROJECTS\101233002 WL.GPJ

ATTACHMENT B

VAPOR SAMPLING LOGS

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG 1
Project Number: 101233002	Date: 5-27-21
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): 5A1-0416	Flow Controller (serial number): 3032
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	

Time (seconds):	Vacuum (inches of water):
0	23.9
15	23.8
30	23.5
45	23.6
60	23.7

TASK NO. 5: PURGE DATA – Required Purge Time = 8.46	
Start Time: 14:51	Stop Time: 15:01
Purge Rate (mL/min): 150	Purge Volume (mL): 1770
Average soil lithology vacuum: 3.4	
TASK NO. 6: SAMPLING DATA	
Sampling Rate(mL/min): 150	Analysis Requested: TO-15 / Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -5
Sample Time: 15:09	Sample ID: SG1
Duplicate Collected? Yes (No)	Duplicate ID: NA
Average soil lithology vacuum: 2.9	

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG2
Project Number: 101233002	Date: 5-27-2021
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): 5541 -0457	Flow Controller (serial number): 3032
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	

Time (seconds):	Vacuum (inches of water):
0	913.9
15	14.2
30	14.1
45	14.2
60	14.1

TASK NO. 5: PURGE DATA – Required Purge Time = 8.46 min	
Start Time: 11:43	Stop Time: 11:52
Purge Rate (mL/min): 150	Purge Volume (mL): 1270 mL
Average soil lithology vacuum: 0.0	
TASK NO. 6: SAMPLING DATA	
Sampling Rate(mL/min): 150	Analysis Requested: TO-15 | Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -5
Sample Time: 12:00	Sample ID: SG2
Duplicate Collected? Yes (No)	Duplicate ID: NA
Average soil lithology vacuum: 0.6	

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG3
Project Number: 101233002	Date:
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): 0246	Flow Controller (serial number): 3032
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	
Time (seconds):	Vacuum (inches of water):
0	56.9
15	56.9
30	56.9
45	57.0
60	57.1
TASK NO. 5: PURGE DATA – Required Purge Time = 8.46	
Start Time: 12:06	Stop Time: 12:15
Purge Rate (mL/min): 150	Purge Volume (mL): 1270
Average soil lithology vacuum: 0.0	
TASK NO. 6: SAMPLING DATA	
Sampling Rate(mL/min): 156	Analysis Requested: TO-15 Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg):
Sample Time: 12:22	Sample ID: SG3
Duplicate Collected? Yes (No)	Duplicate ID: NA
Average soil lithology vacuum: 0.0	

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG4
Project Number: 101233002	Date: 5-27-21
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): SSAT-0028	Flow Controller (serial number): 3032.
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	
Time (seconds):	Vacuum (inches of water):
0	-H2O
15	46.6
30	46.4
45	46.9
60	46.9
TASK NO. 5: PURGE DATA – Required Purge Time = 8.46	
Start Time: 14:00	Stop Time: 14:09
Purge Rate (mL/min): 151	Purge Volume (mL): 1270
Average soil lithology vacuum: 0.0	
TASK NO. 6: SAMPLING DATA	
Sampling Rate(mL/min): 150	Analysis Requested: TO-15 / Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -5
Sample Time: 14:11	Sample ID: SG4
Duplicate Collected? Yes (No)	Duplicate ID: NA
Average soil lithology vacuum: 0.0	

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG5
Project Number: 101233002	Date: 5-27-21
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): SSA-0028	Flow Controller (serial number): 3032
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	

Time (seconds):	Vacuum (inches of water):
0	42.0
15	41.1
30	41.9
45	41.9
60	41.6

TASK NO. 5: PURGE DATA – Required Purge Time = 8.46			
Start Time: 14:23		Stop Time: 14:32	
Purge Rate (mL/min): 150		Purge Volume (mL): 1270	
Average soil lithology vacuum: 3.1			
TASK NO. 6: SAMPLING DATA			
Sampling Rate(mL/min): 150		Analysis Requested: TO-15	Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30		Final Summa Canister Pressure ("Hg): -5	
Sample Time: 14:40		Sample ID: SG5	
Duplicate Collected? Yes (No)		Duplicate ID: NA	
Average soil lithology vacuum: 0.9			

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG6
Project Number: 101233002	Date: 5-27-2021
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): 5541-0831	Flow Controller (serial number): 3032.
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	

Time (seconds):	Vacuum (inches of water):
0	48.2
15	48.1
30	48.1
45	48.1
60	48.0

TASK NO. 5: PURGE DATA – Required Purge Time = 8.46		
Start Time: 15:14	Stop Time: 15:23	
Purge Rate (mL/min): 150	Purge Volume (mL): 1276	
Average soil lithology vacuum: 0.2		
TASK NO. 6: SAMPLING DATA		
Sampling Rate(mL/min):	Analysis Requested: TO-15	Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -5	
Sample Time: 15:31	Sample ID: SG6	
Duplicate Collected? Yes (No)	Duplicate ID: NA	
Average soil lithology vacuum: 0.2		

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION		
Project: 2150 Commerce Drive	Vapor Probe ID: SG 7	
Project Number: 101233002	Date: 5-28-21	
Client: Bridge	Sampler: Jon Anderson	
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear	
TASK NO. 2: EQUIPMENT		
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow	
Summa Canister (serial number): 0745	Flow Controller (serial number): 3032	
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0		
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *		
Time (seconds):	Vacuum (inches of water):	
0	7.9	
15	7.7	
30	7.7	
45	7.7	
60	7.7	
TASK NO. 5: PURGE DATA – Required Purge Time = 8.46		
Start Time: 6:39	Stop Time: 6:48	
Purge Rate (mL/min): 150	Purge Volume (mL): 1270	
Average soil lithology vacuum: 0.0		
TASK NO. 6: SAMPLING DATA		
Sampling Rate(mL/min): 151	Analysis Requested: TO-15	Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -5	
Sample Time: 6:52	Sample ID: SG7	
Duplicate Collected? Yes (No)	Duplicate ID: NA	
Average soil lithology vacuum: 0.0		

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG 8
Project Number: 101233002	Date: 5-24-21
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): 0496	Flow Controller (serial number): 3032.
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	
Time (seconds):	Vacuum (inches of water):
0	17.2
15	17.1
30	17.0
45	16.9
60	16.9
TASK NO. 5: PURGE DATA – Required Purge Time = 8:46	
Start Time: 7:04	Stop Time: 7:12
Purge Rate (mL/min): 150	Purge Volume (mL): 1270
Average soil lithology vacuum: 6.0	
TASK NO. 6: SAMPLING DATA	
Sampling Rate(mL/min): 150	Analysis Requested: TO-15 / Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -5
Sample Time: 7:12	Sample ID: SG8
Duplicate Collected? Yes (No)	Duplicate ID: NA
Average soil lithology vacuum: 0.0	

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG9
Project Number: 101233002	Date: 5.21.21
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): SSAT-0262	Flow Controller (serial number): 3072
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	

Time (seconds):	Vacuum (inches of water):
0	23.7
15	23.6
30	23.6
45	23.6
60	23.6

TASK NO. 5: PURGE DATA – Required Purge Time = 8.46	
Start Time: 9:54	Stop Time: 10:03
Purge Rate (mL/min): 150	Purge Volume (mL): 1270
Average soil lithology vacuum: 0.0	
TASK NO. 6: SAMPLING DATA	
Sampling Rate(mL/min):	Analysis Requested: TO-15 Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -4
Sample Time: 10:12	Sample ID: SG9
Duplicate Collected? Yes (No)	Duplicate ID: NA
Average soil lithology vacuum: 0.0	

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

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VAPOR SAMPLING LOG

TASK NO. 1: PROJECT INFORMATION	
Project: 2150 Commerce Drive	Vapor Probe ID: SG10
Project Number: 101233002	Date: 5-18-21
Client: Bridge	Sampler: Jon Anderson
Project Location: 2150 Commerce Dr. San Jose	Weather: warm/clear
TASK NO. 2: EQUIPMENT	
Purge Pump (serial number): Purge Cans	Sample Tubing: 0.25-Inch Nylaflow
Summa Canister (serial number): SSAT-0826	Flow Controller (serial number): 3032
TASK NO. 3: SOIL LITHOLOGY VACUUM (prior to sampling): 0.0	
TASK NO. 4: SAMPLE TRAIN SHUT-IN TEST *	

Time (seconds):	Vacuum (inches of water):
0	13.4
15	13.6
30	13.6
45	13.8
60	13.9

TASK NO. 5: PURGE DATA – Required Purge Time = 8.46	
Start Time: 10:18	Stop Time: 10:27
Purge Rate (mL/min): 150	Purge Volume (mL): 1270
Average soil lithology vacuum: 0.0	
TASK NO. 6: SAMPLING DATA	
Sampling Rate(mL/min): 150	Analysis Requested: TO-15 / Trace Gas IPA
Initial Summa Canister Pressure ("Hg): -30	Final Summa Canister Pressure ("Hg): -5
Sample Time: 10:35	Sample ID: SG10
Duplicate Collected? Yes (No)	Duplicate ID: NA
Average soil lithology vacuum: 0.0	

* Sample train is considered to maintain vacuum when three consecutive readings over a period of one minute or longer area within 0.5 "H_2O.

ATTACHMENT C

LABORATORY REPORTS

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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04 June 2021

Paul Roberts
Ardent Enviromental Group, Inc.
1827 Capital St., Suite 103
Corona, CA 92880

RE: 2150 Commercer Dr., San Jose

Enclosed are the results of analyses for samples received by the laboratory on 06/01/21 09:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Jaroudi
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SG1	T211794-01	Air	05/27/21 15:01	06/01/21 09:25
SG2	T211794-02	Air	05/27/21 11:52	06/01/21 09:25
SG3	T211794-03	Air	05/27/21 12:15	06/01/21 09:25
SG4	T211794-04	Air	05/27/21 14:10	06/01/21 09:25
SG5	T211794-05	Air	05/27/21 14:32	06/01/21 09:25
SG6	T211794-06	Air	05/27/21 15:23	06/01/21 09:25
SG7	T211794-07	Air	05/28/21 06:48	06/01/21 09:25
SG8	T211794-08	Air	05/28/21 07:12	06/01/21 09:25
SG9	T211794-09	Air	05/28/21 10:03	06/01/21 09:25
SG10	T211794-10	Air	05/28/21 10:27	06/01/21 09:25

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

DETECTIONS SUMMARY

Sample ID: SG1 **Laboratory ID:** T211794-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**140**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**2.8**	3.2	ug/m³ Air	TO-15	J
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**47**	7.7	ug/m³ Air	TO-15	
Isopropyl alcohol	**7.7**	13	ug/m³ Air	TO-15	J
Chloroform	**2.3**	5.0	ug/m³ Air	TO-15	J
Cyclohexane	**8.0**	3.5	ug/m³ Air	TO-15	
Heptane	**22**	4.2	ug/m³ Air	TO-15	
Hexane	**13**	3.6	ug/m³ Air	TO-15	
1,3-Dichlorobenzene	**7.4**	31	ug/m³ Air	TO-15	J
4-Ethyltoluene	**1.4**	5.0	ug/m³ Air	TO-15	J
Styrene	**0.59**	4.3	ug/m³ Air	TO-15	J
Tetrahydrofuran	**41**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**1.2**	6.9	ug/m³ Air	TO-15	J
1,2,4-Trimethylbenzene	**4.0**	5.0	ug/m³ Air	TO-15	J
2-Butanone (MEK)	**25**	15	ug/m³ Air	TO-15	
Methyl isobutyl ketone	**8.3**	42	ug/m³ Air	TO-15	J
Benzene	**4.6**	3.3	ug/m³ Air	TO-15	
Toluene	**14**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**14**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**50**	8.8	ug/m³ Air	TO-15	
o-Xylene	**15**	4.4	ug/m³ Air	TO-15	

Sample ID: SG2 **Laboratory ID:** T211794-02

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**100**	12	ug/m³ Air	TO-15	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**11**	7.7	ug/m³ Air	TO-15	
Isopropyl alcohol	**9.3**	13	ug/m³ Air	TO-15	J
Cyclohexane	**240**	3.5	ug/m³ Air	TO-15	
Heptane	**89**	4.2	ug/m³ Air	TO-15	
Hexane	**75**	3.6	ug/m³ Air	TO-15	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

Sample ID: SG2 **Laboratory ID:** T211794-02

Analyte	Result	Reporting Limit	Units	Method	Notes
1,3-Dichlorobenzene	**5.6**	31	ug/m³ Air	TO-15	J
4-Ethyltoluene	**88**	5.0	ug/m³ Air	TO-15	
Styrene	**2.5**	4.3	ug/m³ Air	TO-15	J
Tetrahydrofuran	**180**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**1.8**	6.9	ug/m³ Air	TO-15	J
1,3,5-Trimethylbenzene	**210**	5.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**590**	5.0	ug/m³ Air	TO-15	
Benzene	**47**	3.3	ug/m³ Air	TO-15	
Toluene	**430**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**190**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**680**	8.8	ug/m³ Air	TO-15	
o-Xylene	**420**	4.4	ug/m³ Air	TO-15	

Sample ID: SG3 **Laboratory ID:** T211794-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**220**	12	ug/m³ Air	TO-15	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**13**	7.7	ug/m³ Air	TO-15	
Isopropyl alcohol	**51**	13	ug/m³ Air	TO-15	
Chlorobenzene	**7.8**	4.7	ug/m³ Air	TO-15	
Chloroform	**4.3**	5.0	ug/m³ Air	TO-15	J
Cyclohexane	**3.8**	3.5	ug/m³ Air	TO-15	
Hexane	**5.8**	3.6	ug/m³ Air	TO-15	
1,3-Dichlorobenzene	**5.7**	31	ug/m³ Air	TO-15	J
4-Ethyltoluene	**65**	5.0	ug/m³ Air	TO-15	
Styrene	**1.1**	4.3	ug/m³ Air	TO-15	J
Tetrahydrofuran	**82**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**4.8**	6.9	ug/m³ Air	TO-15	J
Trichloroethene	**0.98**	5.5	ug/m³ Air	TO-15	J
Trichlorofluoromethane	**2.6**	5.7	ug/m³ Air	TO-15	J
1,3,5-Trimethylbenzene	**46**	5.0	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**120**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**15**	15	ug/m³ Air	TO-15	
Methyl isobutyl ketone	**6.7**	42	ug/m³ Air	TO-15	J
Benzene	**2.9**	3.3	ug/m³ Air	TO-15	J
Toluene	**8.6**	3.8	ug/m³ Air	TO-15	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

Sample ID: SG3 **Laboratory ID:** T211794-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Ethylbenzene	**10**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**50**	8.8	ug/m³ Air	TO-15	
o-Xylene	**11**	4.4	ug/m³ Air	TO-15	

Sample ID: SG4 **Laboratory ID:** T211794-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**120**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**1.3**	3.2	ug/m³ Air	TO-15	J
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**5.7**	7.7	ug/m³ Air	TO-15	J
Isopropyl alcohol	**7.6**	13	ug/m³ Air	TO-15	J
Carbon tetrachloride	**1.7**	6.4	ug/m³ Air	TO-15	J
Chloroform	**170**	5.0	ug/m³ Air	TO-15	
Cyclohexane	**5.1**	3.5	ug/m³ Air	TO-15	
Hexane	**7.4**	3.6	ug/m³ Air	TO-15	
1,3-Dichlorobenzene	**6.6**	31	ug/m³ Air	TO-15	J
4-Ethyltoluene	**2.0**	5.0	ug/m³ Air	TO-15	J
Styrene	**0.79**	4.3	ug/m³ Air	TO-15	J
Tetrahydrofuran	**69**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**150**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**16**	5.5	ug/m³ Air	TO-15	
Trichlorofluoromethane	**1.9**	5.7	ug/m³ Air	TO-15	J
1,2,4-Trimethylbenzene	**5.0**	5.0	ug/m³ Air	TO-15	
2-Butanone (MEK)	**6.2**	15	ug/m³ Air	TO-15	J
Benzene	**2.5**	3.3	ug/m³ Air	TO-15	J
Toluene	**12**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**8.5**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**33**	8.8	ug/m³ Air	TO-15	
o-Xylene	**9.0**	4.4	ug/m³ Air	TO-15	

Sample ID: SG5 **Laboratory ID:** T211794-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**160**	12	ug/m³ Air	TO-15	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**7.4**	7.7	ug/m³ Air	TO-15	J

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

Sample ID: SG5 **Laboratory ID:** T211794-05

Analyte	Result	Reporting Limit	Units	Method	Notes
Isopropyl alcohol	**7.1**	13	ug/m³ Air	TO-15	J
Chloroform	**8.7**	5.0	ug/m³ Air	TO-15	
1,3-Dichlorobenzene	**6.0**	31	ug/m³ Air	TO-15	J
Dichlorodifluoromethane	**2.0**	5.0	ug/m³ Air	TO-15	J
4-Ethyltoluene	**1.2**	5.0	ug/m³ Air	TO-15	J
Styrene	**0.43**	4.3	ug/m³ Air	TO-15	J
Tetrahydrofuran	**42**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**3.7**	6.9	ug/m³ Air	TO-15	J
Trichloroethene	**1.0**	5.5	ug/m³ Air	TO-15	J
1,2,4-Trimethylbenzene	**3.1**	5.0	ug/m³ Air	TO-15	J
2-Butanone (MEK)	**8.7**	15	ug/m³ Air	TO-15	J
Methyl isobutyl ketone	**3.2**	42	ug/m³ Air	TO-15	J
Benzene	**2.0**	3.3	ug/m³ Air	TO-15	J
Toluene	**8.7**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**5.9**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**23**	8.8	ug/m³ Air	TO-15	
o-Xylene	**6.4**	4.4	ug/m³ Air	TO-15	

Sample ID: SG6 **Laboratory ID:** T211794-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**180**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**2.5**	3.2	ug/m³ Air	TO-15	J
Isopropyl alcohol	**7.4**	13	ug/m³ Air	TO-15	J
Chloroform	**1.3**	5.0	ug/m³ Air	TO-15	J
Heptane	**7.9**	4.2	ug/m³ Air	TO-15	
1,3-Dichlorobenzene	**7.2**	31	ug/m³ Air	TO-15	J
Dichlorodifluoromethane	**1.5**	5.0	ug/m³ Air	TO-15	J
Styrene	**0.44**	4.3	ug/m³ Air	TO-15	J
Tetrahydrofuran	**30**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**7.2**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**0.56**	5.5	ug/m³ Air	TO-15	J
Trichlorofluoromethane	**1.5**	5.7	ug/m³ Air	TO-15	J
1,2,4-Trimethylbenzene	**3.0**	5.0	ug/m³ Air	TO-15	J
2-Butanone (MEK)	**15**	15	ug/m³ Air	TO-15	
Methyl isobutyl ketone	**6.3**	42	ug/m³ Air	TO-15	J

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

Sample ID: SG6 **Laboratory ID:** T211794-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Benzene	**2.3**	3.3	ug/m³ Air	TO-15	J
Toluene	**15**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**8.4**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**33**	8.8	ug/m³ Air	TO-15	
o-Xylene	**10**	4.4	ug/m³ Air	TO-15	

Sample ID: SG7 **Laboratory ID:** T211794-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**23**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**2.9**	3.2	ug/m³ Air	TO-15	J
Isopropyl alcohol	**4.0**	13	ug/m³ Air	TO-15	J
Chloroform	**2.4**	5.0	ug/m³ Air	TO-15	J
Tetrahydrofuran	**8.3**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**6.4**	6.9	ug/m³ Air	TO-15	J
Trichloroethene	**0.61**	5.5	ug/m³ Air	TO-15	J
1,2,4-Trimethylbenzene	**0.95**	5.0	ug/m³ Air	TO-15	J
Benzene	**0.47**	3.3	ug/m³ Air	TO-15	J
Toluene	**6.2**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**4.1**	4.4	ug/m³ Air	TO-15	J
m,p-Xylene	**15**	8.8	ug/m³ Air	TO-15	
o-Xylene	**3.9**	4.4	ug/m³ Air	TO-15	J

Sample ID: SG8 **Laboratory ID:** T211794-08

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**76**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**5.7**	3.2	ug/m³ Air	TO-15	
Isopropyl alcohol	**4.0**	13	ug/m³ Air	TO-15	J
4-Ethyltoluene	**0.50**	5.0	ug/m³ Air	TO-15	J
Tetrahydrofuran	**7.7**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**22**	6.9	ug/m³ Air	TO-15	
Trichloroethene	**0.83**	5.5	ug/m³ Air	TO-15	J
Trichlorofluoromethane	**2.0**	5.7	ug/m³ Air	TO-15	J
1,2,4-Trimethylbenzene	**1.3**	5.0	ug/m³ Air	TO-15	J

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

Sample ID: SG8 **Laboratory ID:** T211794-08

Analyte	Result	Reporting Limit	Units	Method	Notes
2-Butanone (MEK)	**3.4**	15	ug/m³ Air	TO-15	J
Benzene	**0.76**	3.3	ug/m³ Air	TO-15	J
Toluene	**11**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**4.2**	4.4	ug/m³ Air	TO-15	J
m,p-Xylene	**16**	8.8	ug/m³ Air	TO-15	
o-Xylene	**4.2**	4.4	ug/m³ Air	TO-15	J

Sample ID: SG9 **Laboratory ID:** T211794-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**150**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**6.6**	3.2	ug/m³ Air	TO-15	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**74**	7.7	ug/m³ Air	TO-15	
Isopropyl alcohol	**9.7**	13	ug/m³ Air	TO-15	J
Chloroform	**1.1**	5.0	ug/m³ Air	TO-15	J
Cyclohexane	**6.1**	3.5	ug/m³ Air	TO-15	
Heptane	**5.9**	4.2	ug/m³ Air	TO-15	
Hexane	**5.7**	3.6	ug/m³ Air	TO-15	
1,2-Dichlorobenzene	**1.2**	31	ug/m³ Air	TO-15	J
1,3-Dichlorobenzene	**2.0**	31	ug/m³ Air	TO-15	J
1,4-Dichlorobenzene	**1.0**	31	ug/m³ Air	TO-15	J
4-Ethyltoluene	**0.82**	5.0	ug/m³ Air	TO-15	J
Styrene	**1.1**	4.3	ug/m³ Air	TO-15	J
Tetrahydrofuran	**10**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**77**	6.9	ug/m³ Air	TO-15	
1,1,1-Trichloroethane	**1.7**	5.6	ug/m³ Air	TO-15	J
Trichloroethene	**22**	5.5	ug/m³ Air	TO-15	
Trichlorofluoromethane	**27**	5.7	ug/m³ Air	TO-15	
1,2,4-Trimethylbenzene	**2.9**	5.0	ug/m³ Air	TO-15	J
2-Butanone (MEK)	**8.8**	15	ug/m³ Air	TO-15	J
Benzene	**4.1**	3.3	ug/m³ Air	TO-15	
Toluene	**15**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**6.9**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**25**	8.8	ug/m³ Air	TO-15	
o-Xylene	**5.6**	4.4	ug/m³ Air	TO-15	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

Sample ID: SG10 **Laboratory ID:** T211794-10

Analyte	Result	Reporting Limit	Units	Method	Notes
Acetone	**65**	12	ug/m³ Air	TO-15	
Carbon Disulfide	**5.3**	3.2	ug/m³ Air	TO-15	
Isopropyl alcohol	**3.6**	13	ug/m³ Air	TO-15	J
Heptane	**2.4**	4.2	ug/m³ Air	TO-15	J
Hexane	**1.4**	3.6	ug/m³ Air	TO-15	J
1,3-Dichlorobenzene	**1.4**	31	ug/m³ Air	TO-15	J
4-Ethyltoluene	**0.66**	5.0	ug/m³ Air	TO-15	J
Tetrahydrofuran	**5.9**	3.0	ug/m³ Air	TO-15	
Tetrachloroethene	**2.9**	6.9	ug/m³ Air	TO-15	J
1,2,4-Trimethylbenzene	**1.2**	5.0	ug/m³ Air	TO-15	J
2-Butanone (MEK)	**3.4**	15	ug/m³ Air	TO-15	J
Toluene	**8.0**	3.8	ug/m³ Air	TO-15	
Ethylbenzene	**4.5**	4.4	ug/m³ Air	TO-15	
m,p-Xylene	**17**	8.8	ug/m³ Air	TO-15	
o-Xylene	**4.3**	4.4	ug/m³ Air	TO-15	J

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG1

T211794-01(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**140**	0.49	12	ug/m³ Air	1.69	1060231	06/02/21	06/02/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	**2.8**	0.22	3.2	"	"	"	"	"	"	J
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**47**	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**7.7**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	**2.3**	0.15	5.0	"	"	"	"	"	"	J
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	**8.0**	0.16	3.5	"	"	"	"	"	"	
Heptane	**22**	0.15	4.2	"	"	"	"	"	"	
Hexane	**13**	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	**7.4**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**1.4**	0.25	5.0	"	"	"	"	"	"	J
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	**0.59**	0.19	4.3	"	"	"	"	"	"	J

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG1

T211794-01(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.69	1060231	06/02/21	06/02/21	TO-15	
Tetrahydrofuran	**41**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**1.2**	0.21	6.9	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	ND	0.21	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.24	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**4.0**	0.33	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**25**	0.45	15	"	"	"	"	"	"	
Methyl isobutyl ketone	**8.3**	0.14	42	"	"	"	"	"	"	J
Benzene	**4.6**	0.14	3.3	"	"	"	"	"	"	
Toluene	**14**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**14**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**50**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**15**	0.085	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*106 %*	*59.2-130*		"	"	"	"	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG2

T211794-02(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
Acetone	**100**	0.49	12	ug/m³ Air	1.74	1060231	06/02/21	06/02/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	0.22	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**11**	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**9.3**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	ND	0.15	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	**240**	0.16	3.5	"	"	"	"	"	"	
Heptane	**89**	0.15	4.2	"	"	"	"	"	"	
Hexane	**75**	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	**5.6**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**88**	0.25	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	**2.5**	0.19	4.3	"	"	"	"	"	"	J

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG2

T211794-02(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.						
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.74	1060231	06/02/21	06/02/21	TO-15	
Tetrahydrofuran	**180**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**1.8**	0.21	6.9	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	ND	0.21	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.24	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	**210**	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**590**	0.33	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	0.45	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.14	42	"	"	"	"	"	"	
Benzene	**47**	0.14	3.3	"	"	"	"	"	"	
Toluene	**430**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**190**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**680**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**420**	0.085	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*94.3 %*	*59.2-130*		"	"	"	"	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG3

T211794-03(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**220**	0.49	12	ug/m³ Air	1.63	1060231	06/02/21	06/02/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	0.22	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**13**	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**51**	0.55	13	"	"	"	"	"	"	
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	**7.8**	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	**4.3**	0.15	5.0	"	"	"	"	"	"	J
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	**3.8**	0.16	3.5	"	"	"	"	"	"	
Heptane	ND	0.15	4.2	"	"	"	"	"	"	
Hexane	**5.8**	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	**5.7**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**65**	0.25	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	**1.1**	0.19	4.3	"	"	"	"	"	"	J

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG3

T211794-03(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.63	1060231	06/02/21	06/02/21	TO-15	
Tetrahydrofuran	**82**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**4.8**	0.21	6.9	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	**0.98**	0.21	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	**2.6**	0.24	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	**46**	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**120**	0.33	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**15**	0.45	15	"	"	"	"	"	"	
Methyl isobutyl ketone	**6.7**	0.14	42	"	"	"	"	"	"	J
Benzene	**2.9**	0.14	3.3	"	"	"	"	"	"	J
Toluene	**8.6**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**10**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**50**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**11**	0.085	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.4 %*	*59.2-130*		"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG4

T211794-04(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**120**	0.49	12	ug/m³ Air	1.65	1060231	06/02/21	06/02/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	**1.3**	0.22	3.2	"	"	"	"	"	"	J
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**5.7**	0.26	7.7	"	"	"	"	"	"	J
Isopropyl alcohol	**7.6**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	**1.7**	0.055	6.4	"	"	"	"	"	"	J
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	**170**	0.15	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	**5.1**	0.16	3.5	"	"	"	"	"	"	
Heptane	ND	0.15	4.2	"	"	"	"	"	"	
Hexane	**7.4**	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	**6.6**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**2.0**	0.25	5.0	"	"	"	"	"	"	J
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	**0.79**	0.19	4.3	"	"	"	"	"	"	J

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG4

T211794-04(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.65	1060231	06/02/21	06/02/21	TO-15	
Tetrahydrofuran	**69**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**150**	0.21	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	**16**	0.21	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	**1.9**	0.24	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**5.0**	0.33	5.0	"	"	"	"	"	"	
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**6.2**	0.45	15	"	"	"	"	"	"	J
Methyl isobutyl ketone	ND	0.14	42	"	"	"	"	"	"	
Benzene	**2.5**	0.14	3.3	"	"	"	"	"	"	J
Toluene	**12**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**8.5**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**33**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**9.0**	0.085	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.5 %*	*59.2-130*		"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG5

T211794-05(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**160**	0.49	12	ug/m³ Air	1.66	1060231	06/02/21	06/02/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	ND	0.22	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**7.4**	0.26	7.7	"	"	"	"	"	"	J
Isopropyl alcohol	**7.1**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	**8.7**	0.15	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	ND	0.16	3.5	"	"	"	"	"	"	
Heptane	ND	0.15	4.2	"	"	"	"	"	"	
Hexane	ND	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	**6.0**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	**2.0**	0.18	5.0	"	"	"	"	"	"	J
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**1.2**	0.25	5.0	"	"	"	"	"	"	J
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	**0.43**	0.19	4.3	"	"	"	"	"	"	J

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG5

T211794-05(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.66	1060231	06/02/21	06/02/21	TO-15	
Tetrahydrofuran	**42**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**3.7**	0.21	6.9	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	**1.0**	0.21	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	ND	0.24	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**3.1**	0.33	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**8.7**	0.45	15	"	"	"	"	"	"	J
Methyl isobutyl ketone	**3.2**	0.14	42	"	"	"	"	"	"	J
Benzene	**2.0**	0.14	3.3	"	"	"	"	"	"	J
Toluene	**8.7**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**5.9**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**23**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**6.4**	0.085	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*93.2 %*	*59.2-130*		"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG6

T211794-06(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**180**	0.49	12	ug/m³ Air	1.71	1060231	06/02/21	06/03/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	**2.5**	0.22	3.2	"	"	"	"	"	"	J
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**7.4**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	**1.3**	0.15	5.0	"	"	"	"	"	"	J
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	ND	0.16	3.5	"	"	"	"	"	"	
Heptane	**7.9**	0.15	4.2	"	"	"	"	"	"	
Hexane	ND	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	**7.2**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	**1.5**	0.18	5.0	"	"	"	"	"	"	J
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.25	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	**0.44**	0.19	4.3	"	"	"	"	"	"	J

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PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG6

T211794-06(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
				SunStar Laboratories, Inc.						
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.71	1060231	06/02/21	06/03/21	TO-15	
Tetrahydrofuran	**30**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**7.2**	0.21	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	**0.56**	0.21	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	**1.5**	0.24	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**3.0**	0.33	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**15**	0.45	15	"	"	"	"	"	"	
Methyl isobutyl ketone	**6.3**	0.14	42	"	"	"	"	"	"	J
Benzene	**2.3**	0.14	3.3	"	"	"	"	"	"	J
Toluene	**15**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**8.4**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**33**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**10**	0.085	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*98.0 %*	*59.2-130*		"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG7

T211794-07(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**23**	0.49	12	ug/m³ Air	1.59	1060231	06/02/21	06/03/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	**2.9**	0.22	3.2	"	"	"	"	"	"	J
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**4.0**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	**2.4**	0.15	5.0	"	"	"	"	"	"	J
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	ND	0.16	3.5	"	"	"	"	"	"	
Heptane	ND	0.15	4.2	"	"	"	"	"	"	
Hexane	ND	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.43	31	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	ND	0.25	5.0	"	"	"	"	"	"	
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG7

T211794-07(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
Styrene	ND	0.19	4.3	ug/m³ Air	1.59	1060231	06/02/21	06/03/21	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**8.3**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**6.4**	0.21	6.9	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	**0.61**	0.21	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	ND	0.24	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**0.95**	0.33	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	ND	0.45	15	"	"	"	"	"	"	
Methyl isobutyl ketone	ND	0.14	42	"	"	"	"	"	"	
Benzene	**0.47**	0.14	3.3	"	"	"	"	"	"	J
Toluene	**6.2**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**4.1**	0.14	4.4	"	"	"	"	"	"	J
m,p-Xylene	**15**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**3.9**	0.085	4.4	"	"	"	"	"	"	J
Surrogate: 4-Bromofluorobenzene			*96.4 %*	*59.2-130*		"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG8

T211794-08(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
Acetone	**76**	0.49	12	ug/m³ Air	1.68	1060231	06/02/21	06/03/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	**5.7**	0.22	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**4.0**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	ND	0.15	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	ND	0.16	3.5	"	"	"	"	"	"	
Heptane	ND	0.15	4.2	"	"	"	"	"	"	
Hexane	ND	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.43	31	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**0.50**	0.25	5.0	"	"	"	"	"	"	J
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG8

T211794-08(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
Styrene	ND	0.19	4.3	ug/m³ Air	1.68	1060231	06/02/21	06/03/21	TO-15	
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	"	"	"	"	"	"	
Tetrahydrofuran	**7.7**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**22**	0.21	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	**0.83**	0.21	5.5	"	"	"	"	"	"	J
Trichlorofluoromethane	**2.0**	0.24	5.7	"	"	"	"	"	"	J
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.3**	0.33	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**3.4**	0.45	15	"	"	"	"	"	"	J
Methyl isobutyl ketone	ND	0.14	42	"	"	"	"	"	"	
Benzene	**0.76**	0.14	3.3	"	"	"	"	"	"	J
Toluene	**11**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**4.2**	0.14	4.4	"	"	"	"	"	"	J
m,p-Xylene	**16**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**4.2**	0.085	4.4	"	"	"	"	"	"	J
Surrogate: 4-Bromofluorobenzene			*95.3 %*	*59.2-130*		"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG9

T211794-09(Air)

SunStar Laboratories, Inc.

TO-15

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Acetone	**150**	0.49	12	ug/m³ Air	1.64	1060231	06/02/21	06/03/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	**6.6**	0.22	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	**74**	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**9.7**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	**1.1**	0.15	5.0	"	"	"	"	"	"	J
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	**6.1**	0.16	3.5	"	"	"	"	"	"	
Heptane	**5.9**	0.15	4.2	"	"	"	"	"	"	
Hexane	**5.7**	0.43	3.6	"	"	"	"	"	"	
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	**1.2**	0.36	31	"	"	"	"	"	"	J
1,3-Dichlorobenzene	**2.0**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	**1.0**	0.44	31	"	"	"	"	"	"	J
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**0.82**	0.25	5.0	"	"	"	"	"	"	J
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	**1.1**	0.19	4.3	"	"	"	"	"	"	J

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG9

T211794-09(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.64	1060231	06/02/21	06/03/21	TO-15	
Tetrahydrofuran	**10**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**77**	0.21	6.9	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	**1.7**	0.24	5.6	"	"	"	"	"	"	J
Trichloroethene	**22**	0.21	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	**27**	0.24	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**2.9**	0.33	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**8.8**	0.45	15	"	"	"	"	"	"	J
Methyl isobutyl ketone	ND	0.14	42	"	"	"	"	"	"	
Benzene	**4.1**	0.14	3.3	"	"	"	"	"	"	
Toluene	**15**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**6.9**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**25**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**5.6**	0.085	4.4	"	"	"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.9 %*	*59.2-130*		"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG10

T211794-10(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
Acetone	**65**	0.49	12	ug/m³ Air	1.66	1060231	06/02/21	06/03/21	TO-15	
1,3-Butadiene	ND	0.29	4.5	"	"	"	"	"	"	
Carbon Disulfide	**5.3**	0.22	3.2	"	"	"	"	"	"	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.26	7.7	"	"	"	"	"	"	
Isopropyl alcohol	**3.6**	0.55	13	"	"	"	"	"	"	J
Bromodichloromethane	ND	0.16	6.8	"	"	"	"	"	"	
Bromoform	ND	0.23	11	"	"	"	"	"	"	
Bromomethane	ND	0.55	20	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.055	6.4	"	"	"	"	"	"	
Chlorobenzene	ND	0.098	4.7	"	"	"	"	"	"	
Chloroethane	ND	0.35	2.7	"	"	"	"	"	"	
Chloroform	ND	0.15	5.0	"	"	"	"	"	"	
Chloromethane	ND	0.46	11	"	"	"	"	"	"	
Cyclohexane	ND	0.16	3.5	"	"	"	"	"	"	
Heptane	**2.4**	0.15	4.2	"	"	"	"	"	"	J
Hexane	**1.4**	0.43	3.6	"	"	"	"	"	"	J
Dibromochloromethane	ND	0.26	8.7	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.36	31	"	"	"	"	"	"	
1,3-Dichlorobenzene	**1.4**	0.43	31	"	"	"	"	"	"	J
1,4-Dichlorobenzene	ND	0.44	31	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.18	5.0	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.23	4.1	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.16	4.1	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	4.0	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.25	4.0	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.22	4.0	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.13	4.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.21	4.6	"	"	"	"	"	"	
4-Ethyltoluene	**0.66**	0.25	5.0	"	"	"	"	"	"	J
Methylene chloride	ND	0.079	27	"	"	"	"	"	"	
Styrene	ND	0.19	4.3	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

SG10

T211794-10(Air)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
TO-15										
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	ug/m³ Air	1.66	1060231	06/02/21	06/03/21	TO-15	
Tetrahydrofuran	**5.9**	0.25	3.0	"	"	"	"	"	"	
Tetrachloroethene	**2.9**	0.21	6.9	"	"	"	"	"	"	J
1,1,2-Trichloroethane	ND	0.19	5.6	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.24	5.6	"	"	"	"	"	"	
Trichloroethene	ND	0.21	5.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.24	5.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.49	5.0	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	**1.2**	0.33	5.0	"	"	"	"	"	"	J
Vinyl acetate	ND	0.18	3.6	"	"	"	"	"	"	
Vinyl chloride	ND	0.052	2.6	"	"	"	"	"	"	
1,4-Dioxane	ND	0.97	18	"	"	"	"	"	"	
2-Butanone (MEK)	**3.4**	0.45	15	"	"	"	"	"	"	J
Methyl isobutyl ketone	ND	0.14	42	"	"	"	"	"	"	
Benzene	ND	0.14	3.3	"	"	"	"	"	"	
Toluene	**8.0**	0.14	3.8	"	"	"	"	"	"	
Ethylbenzene	**4.5**	0.14	4.4	"	"	"	"	"	"	
m,p-Xylene	**17**	0.20	8.8	"	"	"	"	"	"	
o-Xylene	**4.3**	0.085	4.4	"	"	"	"	"	"	J
Surrogate: 4-Bromofluorobenzene			*98.9 %*	*59.2-130*		*"*	*"*	*"*	*"*	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060231 - Canister Analysis											
Blank (1060231-BLK1)				Prepared & Analyzed: 06/02/21							
Surrogate: 4-Bromofluorobenzene	*357*			*ug/m³ Air*	*362*		*98.7*	*59.2-130*			
1,1-Difluoroethane (Freon 152)	ND	3.3	27	"							
Acetone	ND	0.49	12	"							
1,3-Butadiene	ND	0.29	4.5	"							
Carbon Disulfide	ND	0.22	3.2	"							
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.26	7.7	"							
Isopropyl alcohol	ND	0.55	13	"							
Bromodichloromethane	ND	0.16	6.8	"							
Bromoform	ND	0.23	11	"							
Bromomethane	ND	0.55	20	"							
Carbon tetrachloride	ND	0.055	6.4	"							
Chlorobenzene	ND	0.098	4.7	"							
Chloroethane	ND	0.35	2.7	"							
Chloroform	ND	0.15	5.0	"							
Chloromethane	ND	0.46	11	"							
Cyclohexane	ND	0.16	3.5	"							
Heptane	ND	0.15	4.2	"							
Hexane	ND	0.43	3.6	"							
Dibromochloromethane	ND	0.26	8.7	"							
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"							
1,2-Dichlorobenzene	ND	0.36	31	"							
1,3-Dichlorobenzene	ND	0.43	31	"							
1,4-Dichlorobenzene	ND	0.44	31	"							
Dichlorodifluoromethane	ND	0.18	5.0	"							
1,1-Dichloroethane	ND	0.23	4.1	"							
1,2-Dichloroethane	ND	0.16	4.1	"							

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060231 - Canister Analysis											
Blank (1060231-BLK1)				Prepared & Analyzed: 06/02/21							
1,1-Dichloroethene	ND	0.28	4.0	ug/m³ Air							
cis-1,2-Dichloroethene	ND	0.25	4.0	"							
trans-1,2-Dichloroethene	ND	0.22	4.0	"							
1,2-Dichloropropane	ND	0.13	4.7	"							
cis-1,3-Dichloropropene	ND	0.21	4.6	"							
trans-1,3-Dichloropropene	ND	0.21	4.6	"							
4-Ethyltoluene	ND	0.25	5.0	"							
Methylene chloride	ND	0.079	27	"							
Styrene	ND	0.19	4.3	"							
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	"							
Tetrahydrofuran	ND	0.25	3.0	"							
Tetrachloroethene	ND	0.21	6.9	"							
1,1,2-Trichloroethane	ND	0.19	5.6	"							
1,1,1-Trichloroethane	ND	0.24	5.6	"							
Trichloroethene	ND	0.21	5.5	"							
Trichlorofluoromethane	ND	0.24	5.7	"							
1,3,5-Trimethylbenzene	ND	0.49	5.0	"							
1,2,4-Trimethylbenzene	ND	0.33	5.0	"							
Vinyl acetate	ND	0.18	3.6	"							
Vinyl chloride	ND	0.052	2.6	"							
1,4-Dioxane	ND	0.97	18	"							
2-Butanone (MEK)	ND	0.45	15	"							
Methyl isobutyl ketone	ND	0.14	42	"							
Benzene	ND	0.14	3.3	"							
Toluene	ND	0.14	3.8	"							
Ethylbenzene	ND	0.14	4.4	"							
m,p-Xylene	ND	0.20	8.8	"							

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SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060231 - Canister Analysis											
Blank (1060231-BLK1)				Prepared & Analyzed: 06/02/21							
o-Xylene	ND	0.085	4.4	ug/m³ Air							
Duplicate (1060231-DUP1)			**Source: T211754-01**	Prepared & Analyzed: 06/02/21							
Surrogate: 4-Bromofluorobenzene	*350*			*ug/m³ Air*	*362*		*96.8*	*59.2-130*			
1,1-Difluoroethane (Freon 152)	ND	3.3	27	"		ND				30	
Acetone	7.65	0.49	12	"		7.96			3.88	30	J
1,3-Butadiene	ND	0.29	4.5	"		ND				30	
Carbon Disulfide	ND	0.22	3.2	"		ND				30	
1,1,2-trichloro-1,2,2-trifluoroethane (CFC 113)	ND	0.26	7.7	"		ND				30	
Isopropyl alcohol	27.5	0.55	13	"		28.8			4.60	30	
Bromodichloromethane	ND	0.16	6.8	"		ND				30	
Bromoform	ND	0.23	11	"		ND				30	
Bromomethane	ND	0.55	20	"		ND				30	
Carbon tetrachloride	0.402	0.055	6.4	"		0.402			0.00	30	J
Chlorobenzene	ND	0.098	4.7	"		ND				30	
Chloroethane	ND	0.35	2.7	"		ND				30	
Chloroform	1.09	0.15	5.0	"		0.936			15.4	30	J
Chloromethane	ND	0.46	11	"		ND				30	
Cyclohexane	ND	0.16	3.5	"		ND				30	
Heptane	ND	0.15	4.2	"		ND				30	
Hexane	ND	0.43	3.6	"		ND				30	
Dibromochloromethane	ND	0.26	8.7	"		ND				30	
1,2-Dibromoethane (EDB)	ND	0.18	7.8	"		ND				30	
1,2-Dichlorobenzene	0.864	0.36	31	"		0.768			11.8	30	J
1,3-Dichlorobenzene	ND	0.43	31	"		ND				30	
1,4-Dichlorobenzene	ND	0.44	31	"		ND				30	
Dichlorodifluoromethane	ND	0.18	5.0	"		ND				30	

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SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060231 - Canister Analysis											
Duplicate (1060231-DUP1)		**Source: T211754-01**		Prepared & Analyzed: 06/02/21							
1,1-Dichloroethane	ND	0.23	4.1	ug/m³ Air		ND				30	
1,2-Dichloroethane	ND	0.16	4.1	"		ND				30	
1,1-Dichloroethene	ND	0.28	4.0	"		ND				30	
cis-1,2-Dichloroethene	ND	0.25	4.0	"		ND				30	
trans-1,2-Dichloroethene	ND	0.22	4.0	"		ND				30	
1,2-Dichloropropane	ND	0.13	4.7	"		ND				30	
cis-1,3-Dichloropropene	ND	0.21	4.6	"		ND				30	
trans-1,3-Dichloropropene	ND	0.21	4.6	"		ND				30	
4-Ethyltoluene	1.57	0.25	5.0	"		1.49			5.13	30	J
Methylene chloride	ND	0.079	27	"		ND				30	
Styrene	1.84	0.19	4.3	"		1.50			20.4	30	J
1,1,2,2-Tetrachloroethane	ND	0.54	7.0	"		ND				30	
Tetrahydrofuran	ND	0.25	3.0	"		ND				30	
Tetrachloroethene	2.06	0.21	6.9	"		2.28			10.0	30	J
1,1,2-Trichloroethane	ND	0.19	5.6	"		ND				30	
1,1,1-Trichloroethane	ND	0.24	5.6	"		ND				30	
Trichloroethene	0.687	0.21	5.5	"		0.601			13.3	30	J
Trichlorofluoromethane	1.26	0.24	5.7	"		1.08			15.4	30	J
1,3,5-Trimethylbenzene	ND	0.49	5.0	"		ND				30	
1,2,4-Trimethylbenzene	5.65	0.33	5.0	"		5.81			2.74	30	
Vinyl acetate	ND	0.18	3.6	"		ND				30	
Vinyl chloride	ND	0.052	2.6	"		ND				30	
1,4-Dioxane	ND	0.97	18	"		ND				30	
2-Butanone (MEK)	3.06	0.45	15	"		3.58			15.6	30	J
Methyl isobutyl ketone	ND	0.14	42	"		ND				30	
Benzene	1.07	0.14	3.3	"		1.07			0.00	30	J
Toluene	1.69	0.14	3.8	"		1.93			13.3	30	J

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SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Lake Forest, California 92630
949.297.5020 Phone
949.297.5027 Fax

Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

TO-15 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060231 - Canister Analysis											
Duplicate (1060231-DUP1)		**Source: T211754-01**			Prepared & Analyzed: 06/02/21						
Ethylbenzene	2.01	0.14	4.4	ug/m³ Air		1.94			3.51	30	J
m,p-Xylene	4.23	0.20	8.8	"		4.58			7.87	30	J
o-Xylene	2.91	0.085	4.4	"		3.19			9.09	30	J

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25712 Commercentre Drive
Lake Forest, California 92630
949.297.5020 Phone
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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	06/04/21 08:59

Notes and Definitions

J	Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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AIR LABORATORY

Chain of Custody Record

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide
25712 Commercentre Drive, Lake Forest, CA 92630
949-297-5020

Client: ARDENT ENVIRONMENTAL GROUP, INC
Address: 1027 CAPITOL STREET, SUITE 103, VACAVILLE
Phone: 951-736-5354 Fax:
Project Manager: PAUL ROBLES / JON ANDERSON

Date: 5-28-2021 Page: 1 Of 1
Project Name: 250 COMMERCE DR, 2222 AND 2330 GUM TREE RUN
Collector: JON ANDERSON Client Project #: 20123322
Batch #: T211794 EDF #:

Laboratory ID #	Sample ID	Date Sampled	Start Time	Finish Time	Sample Type: Soil Gas / Indoor Air	Container Type: Summa Can / Tedlar	Initial Pressure	Final Pressure	TO-3	TO-14	TO-15	Methane by GC - FID	Fixed Gases by TCD	RSK - 175		Summa Can, Manifold # / Comments
01	SG1	5-27-21	15:01	15:09	SG	SUMMA	-30	-5			X					SSAI-0446
02	SG2	5-27-21	11:56	12:03	SG	SUMMA	-30	-5								SSAI-0457
03	SG3	5-27-21	12:15	12:27	SG	SUMMA	-30	-5								SSAI-0546
04	SG4	5-27-21	14:10	14:46	SG	SUMMA	-30	-5								SSAI-0518
05	SG5	5-27-21	14:32	14:40	SG	SUMMA	-30	-5								SSAI-0723
06	SG6	5-27-21	15:23	15:31	SG	SUMMA	-30	-5								SSAI-0531
07	SG7	5-28-21	6:48	6:56	SG	SUMMA	-30	-5								SSAI-0754
08	SG8	5-28-21	7:12	7:20	SG	SUMMA	-30	-5								SSAI-0496
09	SG9	5-28-21	10:03	10:12	SG	SUMMA	-30	-4								SSAI-0262
10	SG10	5-28-21	10:27	10:35	SG	SUMMA	-30	-5								SSAI-0526

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	5-28-21 12:00		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GLS	6/1/21 7:25		6/1/21 7:25
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Total # of containers	
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	NA
Received good condition/cold	✓

Turn around time: Results by June 4, 2021

Notes

* TO-15 SIM analysis available upon prior notification. **(Precertified Summa cans needed)**

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T211794

Client Name: Arcadis Project: 2150 Commerce Dr. & 2222 & 2550 Ginne Driver

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: _____ Date/Time Courier Received: _____

Lab Received by: Paul Date/Time Lab Received: 6/1/21 9:25

Total number of coolers received: — Thermometer ID: SC-GUN Calibration due: 8/17/21

Temperature: Cooler #1	°C +/- the CF (-0.2°C) =	N/A	°C corrected temperature
Temperature: Cooler #2	°C +/- the CF (-0.2°C) =		°C corrected temperature
Temperature: Cooler #3	°C +/- the CF (-0.2°C) =		°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☐ Yes ☐ No ☒ N/A
If NO:		
Samples received on ice?	☐ Yes	☐ No → **Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☐ No → **Complete Non-Conformance Sheet**

Custody seals intact on cooler sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☒ Yes	☐ No*	☐ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☒ **Yes**	☐ **No***	

* Complete Non-Conformance Receiving Sheet if checked

Cooler Sample Review - Initials and date: JB 6/1/21

Comments:

SunStar Laboratories Inc
25712 Commercentre Dr
Lake Forest, CA 92630

Office (949)297-5020
Bill Hannell (530) 304-5525

T211794

PLEASE DO ***NOT*** WRITE ON OR PLACE LABELS ON SUMMA CANS

SunStar Laboratories, Inc.

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

Canister Data Sheet

Client: ARDENT JON 5-25-21 30+2 FREMONT

Vacuum Gauge: REC-3		**Used to Verify:**	X	**SN: 145026**	**Calibrated On:**	2/5/2020	**Next Calibration Due:**		2/5/2021
Vacuum Gauge: REC-4		**Used to Verify:**		**SN: 145025**	**Calibrated On:**	2/5/2020	**Next Calibration Due:**		2/5/2021
Canister Serial #		CHECK Date	Pressure (-28 -to -30 inHg)	Sample ID	Sample Date	Initial Pressure	Final Pressure	Sample Start Time	Sample Finish Time
SSAT:	0028	5/25/2021	-30	SG4	5-27-21	-30	-5	14:16	14:16
SSAT:	0246	5/25/2021	-30	SG3	5-27-21	-30	-5	12:15	12:27
SSAT:	0262	5/25/2021	-30	SG9	5-28-21	-30	-4	10:03	10:12
SSAT:	0416	5/25/2021	-30	SG1	5-27-21	-30		15:9	15:09
SSAT:	0457	5/25/2021	-30	SG2	5-27-21	-30	-5	11:52	12:00
SSAT:	0496	5/25/2021	-30	SG8	5-28-30	-30	-5	7:12	7:20
SSAT:	0728	5/25/2021	-30	SG5	5-27-21	-30	-5	19:32	14:40
SSAT:	0742	5/25/2021	-30						
SSAT:	0745	5/25/2021	-30	SG7	5-28-21	-30	-5	6:46	6:56
SSAT:	0826	5/25/2021	-30	SG10	5-28-21	-30	-5	10:27	10:35
SSAT:	0831	5/25/2021	-30	SG6	5-27-21	-30	-5	15:23	15:31
SSAT:	0850	5/25/2021	-30						
SSAT:	0656	5/25/2021	-30						

SunStar Laboratories, Inc.

PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

R1/794

Project Name:FREMONT					Rebecca
Company:ARDENT					DB
Name:JON					
Item		Quantity		Unit	
2 oz Jars 24/CS					
4 oz Jars 24/CS					
8 oz Jars 12/CS		1		BOX	
40 ml unpreserved VOAs 100/box					
40 ml HCl preserved VOAs 72/box					
250 ml Poly 24/CS					
500 ml Poly 24/CS					
1 Liter Poly 12/CS					
500 ml Amber Bottle Wide 12/CS					
1 Liter Amber Bottle 12/CS					
1 Liter Bottle Square					
5035 kits:(2)Sodium Bisulfate VOAs 72/box		24		EA	
	(1) Methanol VOA 72/box	12		EA	
	(1)Syringe 50/pack	12 TERRACORES		EA	
Lock-N-Load Handle 1/ea					
Tedlar Bags 10/pack					
Sub Slab Insert w/ washer & N/F					
Soil Gas SS 16" Drop Tubes					
Gas Extraction Fittings					
Soil Gas Filters					

	Volume of Summa	# Sent	Used	Unused	Unreturned
Batch Certified Summa Canisters	400cc				
	1L				
	3L				
	6L				
Purge cans	1L	13	CHARGE-8	1	0
Nitrogen cans	1L	4	NO CHARGE	1	0
Ind. Cerified Summa Cannisters	1L	13	CHARGE-13	3	0
	3L				
	6L				

63/153 Manifolds, Var. Sampler, etc. Calibrated Correctly - Gauge Reads at 0			DB
Manifolds: Inst. Sampler, Variable Sampler. Shut In Set Ups. 150ml/mn, 63ml/mn	2 -MANIFOLDS (150)	CHARGE-1	
Swagelok Fittings: Nuts/Ferrules. Ts	13 N/F	NO CHARGE	
Cooler (Sm, Med, Lrg) Number & Quantity			
Other: Poly Tube. Valves.Silicon Tape. etc			
DB	Date:	6/25/21	
	Date:		

Comments:

Cooler Policy: Failure to return cooler(s) within 30 days of receipt or if the returned cooler(s) are in unusable condition, will result in a $50 per cooler fee for replacement costs.

Asset Check-In Receipt

SunStar Laboratories Inc.

Check-In Date: 6/1/2021 T211794 **User Name:** Berner, Dave

Asset Tag	Asset Type	Serial No	Location	Customer No.	Customer Name
0007	1000cc: 1000cc Summa	0007	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0028	1000cc: 1000cc Summa	0028	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0073	1000cc: 1000cc Summa	0073	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0083	1000cc: 1000cc Summa	0083	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0107	1000cc: 1000cc Summa	0107	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0150	1000cc: 1000cc Summa	0150	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0240	1000cc: 1000cc Summa	0240	Sunstar Labs, Lake Forest Air Lab	Ardent-Jon	Jon Anderson
0246	1000cc: 1000cc Summa	0246	Sunstar Labs, Lake Forest Air Lab	Ardent-Jon	Jon Anderson
0262	1000cc: 1000cc Summa	0262	Sunstar Labs, Lake Forest Air Lab	Ardent-Jon	Jon Anderson
0276	1000cc: 1000cc Summa	0276	Sunstar Labs, Lake Forest Air Lab	Ardent-Jon	Jon Anderson
0403	1000cc: 1000cc Summa	0403	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0416	1000cc: 1000cc Summa	0416	Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0457	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0465	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0472	1000cc: 1000cc Summa		Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
0496	1000cc: 1000cc Summa	0496	Sunstar Labs, Lake Forest Air Lab	Ardent-Jon	Jon Anderson
0728	1000cc: 1000cc Summa	0728	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0729	1000cc: 1000cc Summa	0729	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0742	1000cc: 1000cc Summa	0742	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0745	1000cc: 1000cc Summa	0745	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0750	1000cc: 1000cc Summa	0750	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0753	1000cc: 1000cc Summa	0753	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson

Asset Check-In Receipt

SunStar Laboratories Inc.

Check-In Date: 6/1/2021 T211794 **User Name:** Berner, Dave

Asset Tag	Asset Type	Serial No	Location	Customer No.	Customer Name
0826	1000cc 1000cc Summa	0826	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0831	1000cc 1000cc Summa	0831	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0843	1000cc 1000cc Summa	0843	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
0850	1000cc 1000cc Summa	0850	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
2008	Vapor Manifold Vapor Manifold	2008	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
3032	Vapor Manifold Vapor Manifold	3032	Sunstar Labs, SunStar Labs - South	Ardent-Jon	Jon Anderson
643	1000cc 1000cc Summa		Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
654	1000cc 1000cc Summa		Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
656	1000cc 1000cc Summa		Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson
657	1000cc 1000cc Summa		Sunstar Labs, Tustin Air Lab	Ardent-Jon	Jon Anderson

13 VE returned

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211794

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Report To:

Ardent Enviromental Group, Inc.
Paul Roberts
1827 Capital St., Suite 103
Corona, CA 92880

Date Due:	06/04/21 17:00 (3 day TAT)		
Received By:	Paul Berner	Date Received:	06/01/21 09:25
Logged In By:	Jennifer Berger	Date Logged In:	06/01/21 15:40

Samples Received at:

Custody Seals	No	Received On Ice	No
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	No		

Analysis	Due	TAT	Expires	Comments
T211794-01 SG1 [Air] Sampled 05/27/21 15:01 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/26/21 15:01	MDL
T211794-02 SG2 [Air] Sampled 05/27/21 11:52 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/26/21 11:52	MDL
T211794-03 SG3 [Air] Sampled 05/27/21 12:15 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/26/21 12:15	MDL
T211794-04 SG4 [Air] Sampled 05/27/21 14:10 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/26/21 14:10	MDL
T211794-05 SG5 [Air] Sampled 05/27/21 14:32 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/26/21 14:32	MDL
T211794-06 SG6 [Air] Sampled 05/27/21 15:23 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/26/21 15:23	MDL
T211794-07 SG7 [Air] Sampled 05/28/21 06:48 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/27/21 06:48	MDL
T211794-08 SG8 [Air] Sampled 05/28/21 07:12 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/27/21 07:12	MDL
T211794-09 SG9 [Air] Sampled 05/28/21 10:03 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/27/21 10:03	MDL

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211794

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Analysis	Due	TAT	Expires	Comments
T211794-10 SG10 [Air] Sampled 05/28/21 10:27 (GMT-08:00) Pacific Time (US &				
TO-15	06/04/21 15:00	3	06/27/21 10:27	MDL

Reviewed By

Date

SunStar Laboratories, Inc.
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14 July 2021

Paul Roberts
Ardent Enviromental Group, Inc.
1827 Capital St., Suite 103
Corona, CA 92880

RE: 2150 Commercer Dr., San Jose

Enclosed are the results of analyses for samples received by the laboratory on 06/01/21 09:25. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Mike Jaroudi
Project Manager

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B1-2.5'	T211788-01	Soil	05/28/21 08:30	06/01/21 09:25
B1-10'	T211788-03	Soil	05/28/21 08:44	06/01/21 09:25
B2-2.5'	T211788-04	Soil	05/28/21 09:24	06/01/21 09:25
B2-10'	T211788-06	Soil	05/28/21 09:41	06/01/21 09:25
B3-2.5'	T211788-07	Soil	05/28/21 09:51	06/01/21 09:25
B3-10'	T211788-09	Soil	05/28/21 08:09	06/01/21 09:25
B4-2.5'	T211788-10	Soil	05/28/21 09:05	06/01/21 09:25
B4-10'	T211788-12	Soil	05/28/21 09:14	06/01/21 09:25

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

DETECTIONS SUMMARY

Sample ID: B1-2.5' **Laboratory ID:** T211788-01

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**3.2**	5.0	mg/kg	EPA 6010b	J
Barium	**97**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.47**	2.0	mg/kg	EPA 6010b	J
Chromium	**28**	2.0	mg/kg	EPA 6010b	
Cobalt	**8.7**	2.0	mg/kg	EPA 6010b	
Copper	**22**	1.0	mg/kg	EPA 6010b	
Lead	**6.8**	3.0	mg/kg	EPA 6010b	
Molybdenum	**0.32**	5.0	mg/kg	EPA 6010b	J
Nickel	**39**	2.0	mg/kg	EPA 6010b	
Vanadium	**27**	5.0	mg/kg	EPA 6010b	
Zinc	**37**	1.0	mg/kg	EPA 6010b	
pH	**8.6**	0.1	pH Units	EPA 9045B	O-04

Sample ID: B1-10' **Laboratory ID:** T211788-03

Analyte	Result	Reporting Limit	Units	Method	Notes
Silver	**2.3**	2.0	mg/kg	EPA 6010b	
Barium	**47**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.11**	2.0	mg/kg	EPA 6010b	J
Chromium	**7.6**	2.0	mg/kg	EPA 6010b	
Cobalt	**2.0**	2.0	mg/kg	EPA 6010b	
Copper	**20**	1.0	mg/kg	EPA 6010b	
Molybdenum	**1.3**	5.0	mg/kg	EPA 6010b	J
Nickel	**2.5**	2.0	mg/kg	EPA 6010b	
Vanadium	**18**	5.0	mg/kg	EPA 6010b	
Zinc	**8.2**	1.0	mg/kg	EPA 6010b	
pH	**12.3**	0.1	pH Units	EPA 9045B	O-04

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Sample ID: B2-2.5' **Laboratory ID:** T211788-04

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**2.3**	5.0	mg/kg	EPA 6010b	J
Barium	**99**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.54**	2.0	mg/kg	EPA 6010b	J
Chromium	**30**	2.0	mg/kg	EPA 6010b	
Cobalt	**11**	2.0	mg/kg	EPA 6010b	
Copper	**26**	1.0	mg/kg	EPA 6010b	
Lead	**7.6**	3.0	mg/kg	EPA 6010b	
Molybdenum	**0.25**	5.0	mg/kg	EPA 6010b	J
Nickel	**41**	2.0	mg/kg	EPA 6010b	
Vanadium	**33**	5.0	mg/kg	EPA 6010b	
Zinc	**46**	1.0	mg/kg	EPA 6010b	
Benzene	**0.49**	1.7	ug/kg	EPA 8260B/5035	J
pH	**8.6**	0.1	pH Units	EPA 9045B	O-04

Sample ID: B2-10' **Laboratory ID:** T211788-06

Analyte	Result	Reporting Limit	Units	Method	Notes
Silver	**1.5**	2.0	mg/kg	EPA 6010b	J
Barium	**50**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.24**	2.0	mg/kg	EPA 6010b	J
Chromium	**95**	2.0	mg/kg	EPA 6010b	
Cobalt	**9.4**	2.0	mg/kg	EPA 6010b	
Copper	**15**	1.0	mg/kg	EPA 6010b	
Lead	**1.1**	3.0	mg/kg	EPA 6010b	J
Molybdenum	**0.55**	5.0	mg/kg	EPA 6010b	J
Nickel	**110**	2.0	mg/kg	EPA 6010b	
Vanadium	**24**	5.0	mg/kg	EPA 6010b	
Zinc	**33**	1.0	mg/kg	EPA 6010b	
Chromium	**0.80**	0.50	mg/l	STLC Waste Extraction T	
Toluene	**0.27**	2.5	ug/kg	EPA 8260B/5035	J
pH	**11.6**	0.1	pH Units	EPA 9045B	O-04

Sample ID: B3-2.5' **Laboratory ID:** T211788-07

Analyte	Result	Reporting Limit	Units	Method	Notes

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Sample ID: B3-2.5' **Laboratory ID:** T211788-07

Analyte	Result	Reporting Limit	Units	Method	Notes
Arsenic	**1.5**	5.0	mg/kg	EPA 6010b	J
Barium	**75**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.35**	2.0	mg/kg	EPA 6010b	J
Chromium	**23**	2.0	mg/kg	EPA 6010b	
Cobalt	**7.4**	2.0	mg/kg	EPA 6010b	
Copper	**21**	1.0	mg/kg	EPA 6010b	
Lead	**4.2**	3.0	mg/kg	EPA 6010b	
Molybdenum	**0.34**	5.0	mg/kg	EPA 6010b	J
Nickel	**32**	2.0	mg/kg	EPA 6010b	
Vanadium	**24**	5.0	mg/kg	EPA 6010b	
Zinc	**35**	1.0	mg/kg	EPA 6010b	
Benzene	**0.51**	1.8	ug/kg	EPA 8260B/5035	J
Toluene	**0.23**	1.8	ug/kg	EPA 8260B/5035	J
pH	**10.9**	0.1	pH Units	EPA 9045B	O-04

Sample ID: B3-10' **Laboratory ID:** T211788-09

Analyte	Result	Reporting Limit	Units	Method	Notes
Silver	**2.1**	2.0	mg/kg	EPA 6010b	
Barium	**73**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.27**	2.0	mg/kg	EPA 6010b	J
Chromium	**48**	2.0	mg/kg	EPA 6010b	
Cobalt	**3.2**	2.0	mg/kg	EPA 6010b	
Copper	**67**	1.0	mg/kg	EPA 6010b	
Lead	**2.3**	3.0	mg/kg	EPA 6010b	J
Molybdenum	**0.74**	5.0	mg/kg	EPA 6010b	J
Nickel	**15**	2.0	mg/kg	EPA 6010b	
Vanadium	**14**	5.0	mg/kg	EPA 6010b	
Zinc	**250**	1.0	mg/kg	EPA 6010b	
Mercury	**0.051**	0.10	mg/kg	EPA 7471A Soil	J
Styrene	**0.33**	2.5	ug/kg	EPA 8260B/5035	J
Benzene	**0.36**	2.5	ug/kg	EPA 8260B/5035	J
pH	**11.8**	0.1	pH Units	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Sample ID: B4-2.5' **Laboratory ID:** T211788-10

Analyte	Result	Reporting Limit	Units	Method	Notes
Silver	**1.4**	2.0	mg/kg	EPA 6010b	J
Arsenic	**1.3**	5.0	mg/kg	EPA 6010b	J
Barium	**41**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.21**	2.0	mg/kg	EPA 6010b	J
Chromium	**12**	2.0	mg/kg	EPA 6010b	
Cobalt	**4.1**	2.0	mg/kg	EPA 6010b	
Copper	**3.7**	1.0	mg/kg	EPA 6010b	
Lead	**3.0**	3.0	mg/kg	EPA 6010b	
Molybdenum	**0.35**	5.0	mg/kg	EPA 6010b	J
Nickel	**9.9**	2.0	mg/kg	EPA 6010b	
Vanadium	**16**	5.0	mg/kg	EPA 6010b	
Zinc	**18**	1.0	mg/kg	EPA 6010b	
Chloromethane	**0.53**	2.5	ug/kg	EPA 8260B/5035	J
Benzene	**2.1**	2.5	ug/kg	EPA 8260B/5035	J
Toluene	**2.3**	2.5	ug/kg	EPA 8260B/5035	J
Ethylbenzene	**0.38**	2.5	ug/kg	EPA 8260B/5035	J
m,p-Xylene	**0.68**	5.0	ug/kg	EPA 8260B/5035	J
o-Xylene	**1.5**	2.5	ug/kg	EPA 8260B/5035	J
pH	**8.5**	0.1	pH Units	EPA 9045B	O-04

Sample ID: B4-10' **Laboratory ID:** T211788-12

Analyte	Result	Reporting Limit	Units	Method	Notes
Silver	**3.3**	2.0	mg/kg	EPA 6010b	
Arsenic	**1.8**	5.0	mg/kg	EPA 6010b	J
Barium	**40**	1.0	mg/kg	EPA 6010b	
Cadmium	**0.30**	2.0	mg/kg	EPA 6010b	J
Chromium	**7.7**	2.0	mg/kg	EPA 6010b	
Cobalt	**1.4**	2.0	mg/kg	EPA 6010b	J
Copper	**4.8**	1.0	mg/kg	EPA 6010b	
Molybdenum	**0.29**	5.0	mg/kg	EPA 6010b	J
Nickel	**2.2**	2.0	mg/kg	EPA 6010b	
Vanadium	**10**	5.0	mg/kg	EPA 6010b	
Zinc	**8.5**	1.0	mg/kg	EPA 6010b	
Benzene	**2.6**	3.7	ug/kg	EPA 8260B/5035	J
pH	**12.3**	0.1	pH Units	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B1-2.5'

T211788-01(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	ND	0.50	2.0	"	"	"	"	"	"	
Arsenic	**3.2**	0.80	5.0	"	"	"	"	"	"	J
Barium	**97**	0.30	1.0	"	"	"	"	"	"	
Beryllium	ND	0.20	1.0	"	"	"	"	06/03/21	"	
Cadmium	**0.47**	0.10	2.0	"	"	"	"	06/03/21	"	J
Chromium	**28**	0.10	2.0	"	"	"	"	"	"	
Cobalt	**8.7**	0.20	2.0	"	"	"	"	"	"	
Copper	**22**	0.20	1.0	"	"	"	"	"	"	
Lead	**6.8**	1.0	3.0	"	"	"	"	"	"	
Molybdenum	**0.32**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**39**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**27**	0.30	5.0	"	"	"	"	"	"	
Zinc	**37**	0.10	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471										
Mercury	ND	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.18	1.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.17	1.7	"	"	"	"	"	"	
Bromodichloromethane	ND	0.17	1.7	"	"	"	"	"	"	
Bromoform	ND	0.29	1.7	"	"	"	"	"	"	
Bromomethane	ND	0.18	1.7	"	"	"	"	"	"	
n-Butylbenzene	ND	0.14	1.7	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.18	1.7	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.13	1.7	"	"	"	"	"	"	
Chlorobenzene	ND	0.20	1.7	"	"	"	"	"	"	
Chloroethane	ND	0.19	1.7	"	"	"	"	"	"	
Chloroform	ND	0.22	1.7	"	"	"	"	"	"	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B1-2.5'

T211788-01(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	0.21	1.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
2-Chlorotoluene	ND	0.17	1.7	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.21	1.7	"	"	"	"	"	"	
Dibromochloromethane	ND	0.63	1.7	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.66	3.3	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.19	1.7	"	"	"	"	"	"	
Dibromomethane	ND	0.18	1.7	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.17	1.7	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.21	1.7	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.18	1.7	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.15	1.7	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.19	1.7	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.26	1.7	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.19	1.7	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.090	1.7	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.19	1.7	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	1.7	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.19	1.7	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.19	1.7	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.13	1.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.14	1.7	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.13	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.22	1.7	"	"	"	"	"	"	
Isopropylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.16	1.7	"	"	"	"	"	"	
Methylene chloride	ND	0.16	6.6	"	"	"	"	"	"	
Naphthalene	ND	0.078	1.7	"	"	"	"	"	"	
n-Propylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
Styrene	ND	0.15	1.7	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.25	1.7	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.21	1.7	"	"	"	"	"	"	
Tetrachloroethene	ND	0.22	1.7	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B1-2.5'

T211788-01(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
1,2,3-Trichlorobenzene	ND	0.14	1.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,2,4-Trichlorobenzene	ND	0.14	1.7	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.24	1.7	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.19	1.7	"	"	"	"	"	"	
Trichloroethene	ND	0.20	1.7	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.14	1.7	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.25	1.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.19	1.7	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.7	"	"	"	"	"	"	
Vinyl chloride	ND	0.21	1.7	"	"	"	"	"	"	
Benzene	ND	0.17	1.7	"	"	"	"	"	"	
Toluene	ND	0.17	1.7	"	"	"	"	"	"	
Ethylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
m,p-Xylene	ND	0.32	3.3	"	"	"	"	"	"	
o-Xylene	ND	0.15	1.7	"	"	"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*91.1 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*122 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**8.6**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B1-10'

T211788-03(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	**2.3**	0.50	2.0	"	"	"	"	"	"	
Arsenic	ND	0.80	5.0	"	"	"	"	"	"	
Barium	**47**	0.30	1.0	"	"	"	"	"	"	
Beryllium	ND	0.20	1.0	"	"	"	"	06/03/21	"	
Cadmium	**0.11**	0.10	2.0	"	"	"	"	06/03/21	"	J
Chromium	**7.6**	0.10	2.0	"	"	"	"	"	"	
Cobalt	**2.0**	0.20	2.0	"	"	"	"	"	"	
Copper	**20**	0.20	1.0	"	"	"	"	"	"	
Lead	ND	1.0	3.0	"	"	"	"	"	"	
Molybdenum	**1.3**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**2.5**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**18**	0.30	5.0	"	"	"	"	"	"	
Zinc	**8.2**	0.10	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471										
Mercury	ND	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.39	3.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.37	3.7	"	"	"	"	"	"	
Bromodichloromethane	ND	0.38	3.7	"	"	"	"	"	"	
Bromoform	ND	0.64	3.7	"	"	"	"	"	"	
Bromomethane	ND	0.41	3.7	"	"	"	"	"	"	
n-Butylbenzene	ND	0.32	3.7	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.39	3.7	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.37	3.7	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.29	3.7	"	"	"	"	"	"	
Chlorobenzene	ND	0.44	3.7	"	"	"	"	"	"	
Chloroethane	ND	0.41	3.7	"	"	"	"	"	"	
Chloroform	ND	0.49	3.7	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B1-10'

T211788-03(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	0.47	3.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
2-Chlorotoluene	ND	0.38	3.7	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.46	3.7	"	"	"	"	"	"	
Dibromochloromethane	ND	1.4	3.7	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.5	7.3	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.43	3.7	"	"	"	"	"	"	
Dibromomethane	ND	0.39	3.7	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.39	3.7	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.45	3.7	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.41	3.7	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.32	3.7	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.41	3.7	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.58	3.7	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.42	3.7	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	3.7	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.42	3.7	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.48	3.7	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.41	3.7	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.41	3.7	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.30	3.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.30	3.7	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.29	3.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.49	3.7	"	"	"	"	"	"	
Isopropylbenzene	ND	0.37	3.7	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.35	3.7	"	"	"	"	"	"	
Methylene chloride	ND	0.35	15	"	"	"	"	"	"	
Naphthalene	ND	0.17	3.7	"	"	"	"	"	"	
n-Propylbenzene	ND	0.38	3.7	"	"	"	"	"	"	
Styrene	ND	0.34	3.7	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.55	3.7	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.47	3.7	"	"	"	"	"	"	
Tetrachloroethene	ND	0.49	3.7	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B1-10'

T211788-03(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
1,2,3-Trichlorobenzene	ND	0.31	3.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,2,4-Trichlorobenzene	ND	0.32	3.7	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.52	3.7	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.41	3.7	"	"	"	"	"	"	
Trichloroethene	ND	0.45	3.7	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.31	3.7	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.55	3.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.42	3.7	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.43	3.7	"	"	"	"	"	"	
Vinyl chloride	ND	0.45	3.7	"	"	"	"	"	"	
Benzene	ND	0.37	3.7	"	"	"	"	"	"	
Toluene	ND	0.38	3.7	"	"	"	"	"	"	
Ethylbenzene	ND	0.37	3.7	"	"	"	"	"	"	
m,p-Xylene	ND	0.70	7.3	"	"	"	"	"	"	
o-Xylene	ND	0.32	3.7	"	"	"	"	"	"	
Surrogate: Toluene-d8			*103 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*93.0 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*108 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**12.3**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B2-2.5'

T211788-04(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	ND	0.50	2.0	"	"	"	"	"	"	
Arsenic	**2.3**	0.80	5.0	"	"	"	"	"	"	J
Barium	**99**	0.30	1.0	"	"	"	"	"	"	
Beryllium	ND	0.20	1.0	"	"	"	"	06/03/21	"	
Cadmium	**0.54**	0.10	2.0	"	"	"	"	06/03/21	"	J
Chromium	**30**	0.10	2.0	"	"	"	"	"	"	
Cobalt	**11**	0.20	2.0	"	"	"	"	"	"	
Copper	**26**	0.20	1.0	"	"	"	"	"	"	
Lead	**7.6**	1.0	3.0	"	"	"	"	"	"	
Molybdenum	**0.25**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**41**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**33**	0.30	5.0	"	"	"	"	"	"	
Zinc	**46**	0.10	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471										
Mercury	ND	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.18	1.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.17	1.7	"	"	"	"	"	"	
Bromodichloromethane	ND	0.17	1.7	"	"	"	"	"	"	
Bromoform	ND	0.29	1.7	"	"	"	"	"	"	
Bromomethane	ND	0.18	1.7	"	"	"	"	"	"	
n-Butylbenzene	ND	0.14	1.7	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.18	1.7	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.13	1.7	"	"	"	"	"	"	
Chlorobenzene	ND	0.20	1.7	"	"	"	"	"	"	
Chloroethane	ND	0.19	1.7	"	"	"	"	"	"	
Chloroform	ND	0.22	1.7	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B2-2.5'

T211788-04(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	0.21	1.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
2-Chlorotoluene	ND	0.17	1.7	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.21	1.7	"	"	"	"	"	"	
Dibromochloromethane	ND	0.63	1.7	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.67	3.3	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.19	1.7	"	"	"	"	"	"	
Dibromomethane	ND	0.18	1.7	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.18	1.7	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.21	1.7	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.19	1.7	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.15	1.7	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.19	1.7	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.26	1.7	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.19	1.7	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.091	1.7	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.19	1.7	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.22	1.7	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.19	1.7	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.19	1.7	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.14	1.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.14	1.7	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.13	1.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.22	1.7	"	"	"	"	"	"	
Isopropylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.16	1.7	"	"	"	"	"	"	
Methylene chloride	ND	0.16	6.7	"	"	"	"	"	"	
Naphthalene	ND	0.078	1.7	"	"	"	"	"	"	
n-Propylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
Styrene	ND	0.15	1.7	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.25	1.7	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.21	1.7	"	"	"	"	"	"	
Tetrachloroethene	ND	0.22	1.7	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B2-2.5'

T211788-04(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
1,2,3-Trichlorobenzene	ND	0.14	1.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,2,4-Trichlorobenzene	ND	0.14	1.7	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.24	1.7	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.19	1.7	"	"	"	"	"	"	
Trichloroethene	ND	0.21	1.7	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.14	1.7	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.25	1.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.19	1.7	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.19	1.7	"	"	"	"	"	"	
Vinyl chloride	ND	0.21	1.7	"	"	"	"	"	"	
Benzene	**0.49**	0.17	1.7	"	"	"	"	"	"	J
Toluene	ND	0.17	1.7	"	"	"	"	"	"	
Ethylbenzene	ND	0.17	1.7	"	"	"	"	"	"	
m,p-Xylene	ND	0.32	3.3	"	"	"	"	"	"	
o-Xylene	ND	0.15	1.7	"	"	"	"	"	"	
Surrogate: Toluene-d8			*98.0 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*90.8 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*112 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**8.6**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B2-10'

T211788-06(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	**1.5**	0.50	2.0	"	"	"	"	"	"	J
Arsenic	ND	0.80	5.0	"	"	"	"	"	"	
Barium	**50**	0.30	1.0	"	"	"	"	"	"	
Beryllium	ND	0.20	1.0	"	"	"	"	"	"	
Cadmium	**0.24**	0.10	2.0	"	"	"	"	"	"	J
Chromium	**95**	0.10	2.0	"	"	"	"	"	"	
Cobalt	**9.4**	0.20	2.0	"	"	"	"	"	"	
Copper	**15**	0.20	1.0	"	"	"	"	"	"	
Lead	**1.1**	1.0	3.0	"	"	"	"	"	"	J
Molybdenum	**0.55**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**110**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**24**	0.30	5.0	"	"	"	"	"	"	
Zinc	**33**	0.10	1.0	"	"	"	"	"	"	
STLC Metals by 6000/7000 Series Methods										
Chromium	**0.80**		0.50	mg/l	1	1061636	06/16/21	06/22/21	STLC Waste Extraction Test	
Cold Vapor Extraction EPA 7470/7471										
Mercury	ND	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.27	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.25	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	2.5	"	"	"	"	"	"	
Bromoform	ND	0.44	2.5	"	"	"	"	"	"	
Bromomethane	ND	0.28	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	0.22	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.27	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.25	2.5	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B2-10'

T211788-06(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Carbon tetrachloride	ND	0.20	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Chlorobenzene	ND	0.30	2.5	"	"	"	"	"	"	
Chloroethane	ND	0.28	2.5	"	"	"	"	"	"	
Chloroform	ND	0.34	2.5	"	"	"	"	"	"	
Chloromethane	ND	0.32	2.5	"	"	"	"	"	"	
2-Chlorotoluene	ND	0.26	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.31	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	0.95	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.29	2.5	"	"	"	"	"	"	
Dibromomethane	ND	0.27	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.26	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.31	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.28	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.22	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.28	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.14	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.28	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.33	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.28	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.28	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.33	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	0.25	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.24	2.5	"	"	"	"	"	"	
Methylene chloride	ND	0.24	10	"	"	"	"	"	"	
Naphthalene	ND	0.12	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	0.26	2.5	"	"	"	"	"	"	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B2-10'

T211788-06(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
Styrene	ND	0.23	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,1,2,2-Tetrachloroethane	ND	0.37	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.32	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	0.33	2.5	"	"	"	"	"	"	
1,2,3-Trichlorobenzene	ND	0.21	2.5	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	0.22	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.36	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.28	2.5	"	"	"	"	"	"	
Trichloroethene	ND	0.31	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.21	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.37	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.29	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.29	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.31	2.5	"	"	"	"	"	"	
Benzene	ND	0.25	2.5	"	"	"	"	"	"	
Toluene	**0.27**	0.26	2.5	"	"	"	"	"	"	J
Ethylbenzene	ND	0.25	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	0.48	5.0	"	"	"	"	"	"	
o-Xylene	ND	0.22	2.5	"	"	"	"	"	"	
Surrogate: Toluene-d8			*100 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.3 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*106 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**11.6**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B3-2.5'

T211788-07(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	ND	0.50	2.0	"	"	"	"	"	"	
Arsenic	**1.5**	0.80	5.0	"	"	"	"	"	"	J
Barium	**75**	0.30	1.0	"	"	"	"	"	"	
Beryllium	ND	0.20	1.0	"	"	"	"	"	"	
Cadmium	**0.35**	0.10	2.0	"	"	"	"	"	"	J
Chromium	**23**	0.10	2.0	"	"	"	"	"	"	
Cobalt	**7.4**	0.20	2.0	"	"	"	"	"	"	
Copper	**21**	0.20	1.0	"	"	"	"	"	"	
Lead	**4.2**	1.0	3.0	"	"	"	"	"	"	
Molybdenum	**0.34**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**32**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**24**	0.30	5.0	"	"	"	"	"	"	
Zinc	**35**	0.10	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471										
Mercury	ND	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.19	1.8	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.18	1.8	"	"	"	"	"	"	
Bromodichloromethane	ND	0.18	1.8	"	"	"	"	"	"	
Bromoform	ND	0.31	1.8	"	"	"	"	"	"	
Bromomethane	ND	0.19	1.8	"	"	"	"	"	"	
n-Butylbenzene	ND	0.15	1.8	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.19	1.8	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.18	1.8	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.14	1.8	"	"	"	"	"	"	
Chlorobenzene	ND	0.21	1.8	"	"	"	"	"	"	
Chloroethane	ND	0.20	1.8	"	"	"	"	"	"	
Chloroform	ND	0.24	1.8	"	"	"	"	"	"	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B3-2.5'

T211788-07(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	0.23	1.8	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
2-Chlorotoluene	ND	0.18	1.8	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.22	1.8	"	"	"	"	"	"	
Dibromochloromethane	ND	0.67	1.8	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	0.70	3.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.20	1.8	"	"	"	"	"	"	
Dibromomethane	ND	0.19	1.8	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.18	1.8	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.22	1.8	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.19	1.8	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.15	1.8	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.20	1.8	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.28	1.8	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.20	1.8	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.095	1.8	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.20	1.8	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.23	1.8	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.20	1.8	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.20	1.8	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.14	1.8	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.14	1.8	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.14	1.8	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.23	1.8	"	"	"	"	"	"	
Isopropylbenzene	ND	0.18	1.8	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.17	1.8	"	"	"	"	"	"	
Methylene chloride	ND	0.17	7.0	"	"	"	"	"	"	
Naphthalene	ND	0.082	1.8	"	"	"	"	"	"	
n-Propylbenzene	ND	0.18	1.8	"	"	"	"	"	"	
Styrene	ND	0.16	1.8	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.26	1.8	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.23	1.8	"	"	"	"	"	"	
Tetrachloroethene	ND	0.23	1.8	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B3-2.5'

T211788-07(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
1,2,3-Trichlorobenzene	ND	0.15	1.8	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,2,4-Trichlorobenzene	ND	0.15	1.8	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.25	1.8	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.20	1.8	"	"	"	"	"	"	
Trichloroethene	ND	0.22	1.8	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.15	1.8	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.26	1.8	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.20	1.8	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.20	1.8	"	"	"	"	"	"	
Vinyl chloride	ND	0.22	1.8	"	"	"	"	"	"	
Benzene	**0.51**	0.17	1.8	"	"	"	"	"	"	J
Toluene	**0.23**	0.18	1.8	"	"	"	"	"	"	J
Ethylbenzene	ND	0.18	1.8	"	"	"	"	"	"	
m,p-Xylene	ND	0.33	3.5	"	"	"	"	"	"	
o-Xylene	ND	0.15	1.8	"	"	"	"	"	"	
Surrogate: Toluene-d8			*96.5 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*96.1 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*108 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**10.9**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B3-10'

T211788-09(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	**2.1**	0.50	2.0	"	"	"	"	06/03/21	"	
Arsenic	ND	0.80	5.0	"	"	"	"	06/03/21	"	
Barium	**73**	0.30	1.0	"	"	"	"	06/03/21	"	
Beryllium	ND	0.20	1.0	"	"	"	"	"	"	
Cadmium	**0.27**	0.10	2.0	"	"	"	"	06/03/21	"	J
Chromium	**48**	0.10	2.0	"	"	"	"	06/03/21	"	
Cobalt	**3.2**	0.20	2.0	"	"	"	"	06/03/21	"	
Copper	**67**	0.20	1.0	"	"	"	"	06/03/21	"	
Lead	**2.3**	1.0	3.0	"	"	"	"	06/03/21	"	J
Molybdenum	**0.74**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**15**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**14**	0.30	5.0	"	"	"	"	06/03/21	"	
Zinc	**250**	0.10	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471										
Mercury	**0.051**	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	J
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.27	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.25	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	2.5	"	"	"	"	"	"	
Bromoform	ND	0.44	2.5	"	"	"	"	"	"	
Bromomethane	ND	0.28	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	0.22	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.27	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.25	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	0.30	2.5	"	"	"	"	"	"	
Chloroethane	ND	0.28	2.5	"	"	"	"	"	"	
Chloroform	ND	0.34	2.5	"	"	"	"	"	"	

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B3-10'

T211788-09(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	0.32	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
2-Chlorotoluene	ND	0.26	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.31	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	0.95	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.29	2.5	"	"	"	"	"	"	
Dibromomethane	ND	0.27	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.26	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.31	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.28	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.22	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.28	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.14	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.28	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.33	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.28	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.28	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.33	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	0.25	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.24	2.5	"	"	"	"	"	"	
Methylene chloride	ND	0.24	10	"	"	"	"	"	"	
Naphthalene	ND	0.12	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	0.26	2.5	"	"	"	"	"	"	
Styrene	**0.33**	0.23	2.5	"	"	"	"	"	"	J
1,1,2,2-Tetrachloroethane	ND	0.37	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.32	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	0.33	2.5	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B3-10'

T211788-09(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
1,2,3-Trichlorobenzene	ND	0.21	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,2,4-Trichlorobenzene	ND	0.22	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.36	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.28	2.5	"	"	"	"	"	"	
Trichloroethene	ND	0.31	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.21	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.37	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.29	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.29	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.31	2.5	"	"	"	"	"	"	
Benzene	**0.36**	0.25	2.5	"	"	"	"	"	"	J
Toluene	ND	0.26	2.5	"	"	"	"	"	"	
Ethylbenzene	ND	0.25	2.5	"	"	"	"	"	"	
m,p-Xylene	ND	0.48	5.0	"	"	"	"	"	"	
o-Xylene	ND	0.22	2.5	"	"	"	"	"	"	
Surrogate: Toluene-d8			*103 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*95.7 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*109 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**11.8**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B4-2.5'

T211788-10(Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
SunStar Laboratories, Inc.										
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	**1.4**	0.50	2.0	"	"	"	"	"	"	J
Arsenic	**1.3**	0.80	5.0	"	"	"	"	"	"	J
Barium	**41**	0.30	1.0	"	"	"	"	"	"	
Beryllium	ND	0.20	1.0	"	"	"	"	06/03/21	"	
Cadmium	**0.21**	0.10	2.0	"	"	"	"	06/03/21	"	J
Chromium	**12**	0.10	2.0	"	"	"	"	"	"	
Cobalt	**4.1**	0.20	2.0	"	"	"	"	"	"	
Copper	**3.7**	0.20	1.0	"	"	"	"	"	"	
Lead	**3.0**	1.0	3.0	"	"	"	"	"	"	
Molybdenum	**0.35**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**9.9**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**16**	0.30	5.0	"	"	"	"	"	"	
Zinc	**18**	0.10	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471										
Mercury	ND	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.27	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.25	2.5	"	"	"	"	"	"	
Bromodichloromethane	ND	0.26	2.5	"	"	"	"	"	"	
Bromoform	ND	0.44	2.5	"	"	"	"	"	"	
Bromomethane	ND	0.28	2.5	"	"	"	"	"	"	
n-Butylbenzene	ND	0.22	2.5	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.27	2.5	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.25	2.5	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.20	2.5	"	"	"	"	"	"	
Chlorobenzene	ND	0.30	2.5	"	"	"	"	"	"	
Chloroethane	ND	0.28	2.5	"	"	"	"	"	"	
Chloroform	ND	0.34	2.5	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B4-2.5'

T211788-10(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	**0.53**	0.32	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	J
2-Chlorotoluene	ND	0.26	2.5	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.31	2.5	"	"	"	"	"	"	
Dibromochloromethane	ND	0.95	2.5	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.0	5.0	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.29	2.5	"	"	"	"	"	"	
Dibromomethane	ND	0.27	2.5	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.26	2.5	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.31	2.5	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.28	2.5	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.22	2.5	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.28	2.5	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.40	2.5	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.28	2.5	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.14	2.5	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.28	2.5	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.33	2.5	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.28	2.5	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.28	2.5	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.20	2.5	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.33	2.5	"	"	"	"	"	"	
Isopropylbenzene	ND	0.25	2.5	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.24	2.5	"	"	"	"	"	"	
Methylene chloride	ND	0.24	10	"	"	"	"	"	"	
Naphthalene	ND	0.12	2.5	"	"	"	"	"	"	
n-Propylbenzene	ND	0.26	2.5	"	"	"	"	"	"	
Styrene	ND	0.23	2.5	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.37	2.5	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.32	2.5	"	"	"	"	"	"	
Tetrachloroethene	ND	0.33	2.5	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B4-2.5'

T211788-10(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
1,2,3-Trichlorobenzene	ND	0.21	2.5	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,2,4-Trichlorobenzene	ND	0.22	2.5	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.36	2.5	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.28	2.5	"	"	"	"	"	"	
Trichloroethene	ND	0.31	2.5	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.21	2.5	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.37	2.5	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.29	2.5	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.29	2.5	"	"	"	"	"	"	
Vinyl chloride	ND	0.31	2.5	"	"	"	"	"	"	
Benzene	**2.1**	0.25	2.5	"	"	"	"	"	"	J
Toluene	**2.3**	0.26	2.5	"	"	"	"	"	"	J
Ethylbenzene	**0.38**	0.25	2.5	"	"	"	"	"	"	J
m,p-Xylene	**0.68**	0.48	5.0	"	"	"	"	"	"	J
o-Xylene	**1.5**	0.22	2.5	"	"	"	"	"	"	J
Surrogate: Toluene-d8			*103 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*97.3 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*110 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**8.5**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B4-10'

T211788-12(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Metals by EPA 6010B										
Antimony	ND	1.4	3.0	mg/kg	1	1060128	06/01/21	06/03/21	EPA 6010b	
Silver	**3.3**	0.50	2.0	"	"	"	"	"	"	
Arsenic	**1.8**	0.80	5.0	"	"	"	"	"	"	J
Barium	**40**	0.30	1.0	"	"	"	"	"	"	
Beryllium	ND	0.20	1.0	"	"	"	"	"	"	
Cadmium	**0.30**	0.10	2.0	"	"	"	"	"	"	J
Chromium	**7.7**	0.10	2.0	"	"	"	"	"	"	
Cobalt	**1.4**	0.20	2.0	"	"	"	"	"	"	J
Copper	**4.8**	0.20	1.0	"	"	"	"	"	"	
Lead	ND	1.0	3.0	"	"	"	"	"	"	
Molybdenum	**0.29**	0.20	5.0	"	"	"	"	"	"	J
Nickel	**2.2**	0.30	2.0	"	"	"	"	"	"	
Selenium	ND	2.2	5.0	"	"	"	"	"	"	
Thallium	ND	1.7	5.0	"	"	"	"	"	"	
Vanadium	**10**	0.30	5.0	"	"	"	"	"	"	
Zinc	**8.5**	0.10	1.0	"	"	"	"	"	"	
Cold Vapor Extraction EPA 7470/7471										
Mercury	ND	0.050	0.10	mg/kg	1	1060129	06/01/21	06/04/21	EPA 7471A Soil	
Volatile Organic Compounds by EPA Method 8260B										
Bromobenzene	ND	0.40	3.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
Bromochloromethane	ND	0.38	3.7	"	"	"	"	"	"	
Bromodichloromethane	ND	0.39	3.7	"	"	"	"	"	"	
Bromoform	ND	0.65	3.7	"	"	"	"	"	"	
Bromomethane	ND	0.41	3.7	"	"	"	"	"	"	
n-Butylbenzene	ND	0.32	3.7	"	"	"	"	"	"	
sec-Butylbenzene	ND	0.40	3.7	"	"	"	"	"	"	
tert-Butylbenzene	ND	0.38	3.7	"	"	"	"	"	"	
Carbon tetrachloride	ND	0.29	3.7	"	"	"	"	"	"	
Chlorobenzene	ND	0.45	3.7	"	"	"	"	"	"	
Chloroethane	ND	0.42	3.7	"	"	"	"	"	"	
Chloroform	ND	0.50	3.7	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B4-10'

T211788-12(Soil)

SunStar Laboratories, Inc.

Volatile Organic Compounds by EPA Method 8260B

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Chloromethane	ND	0.48	3.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
2-Chlorotoluene	ND	0.39	3.7	"	"	"	"	"	"	
4-Chlorotoluene	ND	0.47	3.7	"	"	"	"	"	"	
Dibromochloromethane	ND	1.4	3.7	"	"	"	"	"	"	
1,2-Dibromo-3-chloropropane	ND	1.5	7.5	"	"	"	"	"	"	
1,2-Dibromoethane (EDB)	ND	0.44	3.7	"	"	"	"	"	"	
Dibromomethane	ND	0.40	3.7	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	0.39	3.7	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	0.46	3.7	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	0.42	3.7	"	"	"	"	"	"	
Dichlorodifluoromethane	ND	0.33	3.7	"	"	"	"	"	"	
1,1-Dichloroethane	ND	0.42	3.7	"	"	"	"	"	"	
1,2-Dichloroethane	ND	0.59	3.7	"	"	"	"	"	"	
1,1-Dichloroethene	ND	0.43	3.7	"	"	"	"	"	"	
cis-1,2-Dichloroethene	ND	0.20	3.7	"	"	"	"	"	"	
trans-1,2-Dichloroethene	ND	0.43	3.7	"	"	"	"	"	"	
1,2-Dichloropropane	ND	0.49	3.7	"	"	"	"	"	"	
1,3-Dichloropropane	ND	0.42	3.7	"	"	"	"	"	"	
2,2-Dichloropropane	ND	0.42	3.7	"	"	"	"	"	"	
1,1-Dichloropropene	ND	0.30	3.7	"	"	"	"	"	"	
cis-1,3-Dichloropropene	ND	0.31	3.7	"	"	"	"	"	"	
trans-1,3-Dichloropropene	ND	0.29	3.7	"	"	"	"	"	"	
Hexachlorobutadiene	ND	0.50	3.7	"	"	"	"	"	"	
Isopropylbenzene	ND	0.38	3.7	"	"	"	"	"	"	
p-Isopropyltoluene	ND	0.36	3.7	"	"	"	"	"	"	
Methylene chloride	ND	0.36	15	"	"	"	"	"	"	
Naphthalene	ND	0.18	3.7	"	"	"	"	"	"	
n-Propylbenzene	ND	0.39	3.7	"	"	"	"	"	"	
Styrene	ND	0.34	3.7	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.56	3.7	"	"	"	"	"	"	
1,1,1,2-Tetrachloroethane	ND	0.48	3.7	"	"	"	"	"	"	
Tetrachloroethene	ND	0.50	3.7	"	"	"	"	"	"	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

B4-10'

T211788-12(Soil)

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by EPA Method 8260B										
1,2,3-Trichlorobenzene	ND	0.31	3.7	ug/kg	1	1060122	06/01/21	06/03/21	EPA 8260B/5035	
1,2,4-Trichlorobenzene	ND	0.32	3.7	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.53	3.7	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.42	3.7	"	"	"	"	"	"	
Trichloroethene	ND	0.46	3.7	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.32	3.7	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.56	3.7	"	"	"	"	"	"	
1,3,5-Trimethylbenzene	ND	0.43	3.7	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	ND	0.44	3.7	"	"	"	"	"	"	
Vinyl chloride	ND	0.46	3.7	"	"	"	"	"	"	
Benzene	**2.6**	0.37	3.7	"	"	"	"	"	"	J
Toluene	ND	0.39	3.7	"	"	"	"	"	"	
Ethylbenzene	ND	0.38	3.7	"	"	"	"	"	"	
m,p-Xylene	ND	0.71	7.5	"	"	"	"	"	"	
o-Xylene	ND	0.33	3.7	"	"	"	"	"	"	
Surrogate: Toluene-d8			*99.2 %*	*76.1-127*		"	"	"	"	
Surrogate: 4-Bromofluorobenzene			*99.3 %*	*85.9-114*		"	"	"	"	
Surrogate: Dibromofluoromethane			*110 %*	*77.8-142*		"	"	"	"	
Conventional Chemistry Parameters by APHA/EPA/ASTM Methods										
Hexavalent Chromium	ND	0.072	10	mg/kg	1	1060121	06/01/21	06/02/21	EPA 7196A	
pH	**12.3**	0.02	0.1	pH Units	"	1060228	06/02/21	06/03/21	EPA 9045B	O-04

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060128 - EPA 3050B											
Blank (1060128-BLK1)					Prepared: 06/01/21 Analyzed: 06/03/21						
Antimony	ND	1.4	3.0	mg/kg							
Silver	ND	0.50	2.0	"							
Arsenic	ND	0.80	5.0	"							
Barium	ND	0.30	1.0	"							
Beryllium	ND	0.20	1.0	"							
Cadmium	ND	0.10	2.0	"							
Chromium	ND	0.10	2.0	"							
Cobalt	ND	0.20	2.0	"							
Copper	ND	0.20	1.0	"							
Lead	ND	1.0	3.0	"							
Molybdenum	ND	0.20	5.0	"							
Nickel	ND	0.30	2.0	"							
Selenium	ND	2.2	5.0	"							
Thallium	ND	1.7	5.0	"							
Vanadium	ND	0.30	5.0	"							
Zinc	ND	0.10	1.0	"							
LCS (1060128-BS1)					Prepared: 06/01/21 Analyzed: 06/03/21						
Arsenic	101	0.80	5.0	mg/kg	100		101	75-125			
Barium	99.9	0.30	1.0	"	100		99.9	75-125			
Cadmium	100	0.10	2.0	"	100		100	75-125			
Chromium	100	0.10	2.0	"	100		100	75-125			
Lead	100	1.0	3.0	"	100		100	75-125			
Matrix Spike (1060128-MS1)		**Source: T211788-01**			Prepared: 06/01/21 Analyzed: 06/03/21						
Arsenic	75.0	0.80	5.0	mg/kg	97.1	3.18	73.9	75-125			QM-05
Barium	228	0.30	1.0	"	97.1	96.7	136	75-125			QM-05
Cadmium	66.4	0.10	2.0	"	97.1	0.467	67.9	75-125			QM-05
Chromium	97.2	0.10	2.0	"	97.1	27.6	71.6	75-125			QM-05

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Metals by EPA 6010B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060128 - EPA 3050B											
Matrix Spike (1060128-MS1)		**Source: T211788-01**			Prepared: 06/01/21 Analyzed: 06/03/21						
Lead	72.5	1.0	3.0	mg/kg	97.1	6.80	67.6	75-125			QM-05
Matrix Spike Dup (1060128-MSD1)		**Source: T211788-01**			Prepared: 06/01/21 Analyzed: 06/03/21						
Arsenic	71.7	0.80	5.0	mg/kg	96.2	3.18	71.3	75-125	4.42	20	QM-05
Barium	207	0.30	1.0	"	96.2	96.7	115	75-125	9.59	20	
Cadmium	63.8	0.10	2.0	"	96.2	0.467	65.9	75-125	3.97	20	QM-05
Chromium	93.7	0.10	2.0	"	96.2	27.6	68.7	75-125	3.62	20	QM-05
Lead	68.4	1.0	3.0	"	96.2	6.80	64.0	75-125	5.83	20	QM-05

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

STLC Metals by 6000/7000 Series Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1061636 - STLC Metals											
Blank (1061636-BLK1)					Prepared: 06/16/21 Analyzed: 06/22/21						
Lead	ND		0.50	mg/l							
Chromium	ND		0.50	"							
LCS (1061636-BS1)					Prepared: 06/16/21 Analyzed: 06/22/21						
Lead	11.1		0.50	mg/l	10.0		111	75-125			
Chromium	11.5		0.50	"	10.0		115	75-125			
Matrix Spike (1061636-MS1)		**Source: T211788-06**			Prepared: 06/16/21 Analyzed: 06/22/21						
Lead	12.3		0.50	mg/l	10.0	0.186	121	75-125			
Chromium	14.3		0.50	"	10.0	0.798	135	75-125			QM-05
Matrix Spike Dup (1061636-MSD1)		**Source: T211788-06**			Prepared: 06/16/21 Analyzed: 06/22/21						
Lead	14.9		0.50	mg/l	10.0	0.186	147	75-125	18.9	30	QM-05
Chromium	17.1		0.50	"	10.0	0.798	163	75-125	18.0	30	QM-05

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Cold Vapor Extraction EPA 7470/7471 - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060129 - EPA 7471A Soil											
Blank (1060129-BLK1)					Prepared: 06/01/21 Analyzed: 06/04/21						
Mercury	ND	0.050	0.10	mg/kg							
LCS (1060129-BS1)					Prepared: 06/01/21 Analyzed: 06/04/21						
Mercury	0.379	0.050	0.10	mg/kg	0.403		94.1	80-120			
Matrix Spike (1060129-MS1)		**Source: T211788-01**			Prepared: 06/01/21 Analyzed: 06/04/21						
Mercury	0.400	0.050	0.10	mg/kg	0.417	ND	96.0	75-125			
Matrix Spike Dup (1060129-MSD1)		**Source: T211788-01**			Prepared: 06/01/21 Analyzed: 06/04/21						
Mercury	0.416	0.050	0.10	mg/kg	0.410	ND	102	75-125	4.03	20	

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060122 - EPA 5035 GCMS											
Blank (1060122-BLK1)					Prepared: 06/01/21 Analyzed: 06/02/21						
Surrogate: Toluene-d8	*51.1*			*ug/kg*	*50.0*		*102*	*76.1-127*			
Surrogate: 4-Bromofluorobenzene	*46.4*			*"*	*50.0*		*92.8*	*85.9-114*			
Surrogate: Dibromofluoromethane	*49.9*			*"*	*50.0*		*99.9*	*77.8-142*			
Bromobenzene	ND	0.27	2.5	"							
Bromochloromethane	ND	0.25	2.5	"							
Bromodichloromethane	ND	0.26	2.5	"							
Bromoform	ND	0.44	2.5	"							
Bromomethane	ND	0.28	2.5	"							
n-Butylbenzene	ND	0.22	2.5	"							
sec-Butylbenzene	ND	0.27	2.5	"							
tert-Butylbenzene	ND	0.25	2.5	"							
Carbon tetrachloride	ND	0.20	2.5	"							
Chlorobenzene	ND	0.30	2.5	"							
Chloroethane	ND	0.28	2.5	"							
Chloroform	ND	0.34	2.5	"							
Chloromethane	ND	0.32	2.5	"							
2-Chlorotoluene	ND	0.26	2.5	"							
4-Chlorotoluene	ND	0.31	2.5	"							
Dibromochloromethane	ND	0.95	2.5	"							
1,2-Dibromo-3-chloropropane	ND	1.0	5.0	"							
1,2-Dibromoethane (EDB)	ND	0.29	2.5	"							
Dibromomethane	ND	0.27	2.5	"							
1,2-Dichlorobenzene	ND	0.26	2.5	"							
1,3-Dichlorobenzene	ND	0.31	2.5	"							
1,4-Dichlorobenzene	ND	0.28	2.5	"							
Dichlorodifluoromethane	ND	0.22	2.5	"							
1,1-Dichloroethane	ND	0.28	2.5	"							

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060122 - EPA 5035 GCMS											
Blank (1060122-BLK1)					Prepared: 06/01/21 Analyzed: 06/02/21						
1,2-Dichloroethane	ND	0.40	2.5	ug/kg							
1,1-Dichloroethene	ND	0.28	2.5	"							
cis-1,2-Dichloroethene	ND	0.14	2.5	"							
trans-1,2-Dichloroethene	ND	0.28	2.5	"							
1,2-Dichloropropane	ND	0.33	2.5	"							
1,3-Dichloropropane	ND	0.28	2.5	"							
2,2-Dichloropropane	ND	0.28	2.5	"							
1,1-Dichloropropene	ND	0.20	2.5	"							
cis-1,3-Dichloropropene	ND	0.20	2.5	"							
trans-1,3-Dichloropropene	ND	0.20	2.5	"							
Hexachlorobutadiene	ND	0.33	2.5	"							
Isopropylbenzene	ND	0.25	2.5	"							
p-Isopropyltoluene	ND	0.24	2.5	"							
Methylene chloride	ND	0.24	10	"							
Naphthalene	ND	0.12	2.5	"							
n-Propylbenzene	ND	0.26	2.5	"							
Styrene	ND	0.23	2.5	"							
1,1,2,2-Tetrachloroethane	ND	0.37	2.5	"							
1,1,1,2-Tetrachloroethane	ND	0.32	2.5	"							
Tetrachloroethene	ND	0.33	2.5	"							
1,2,3-Trichlorobenzene	ND	0.21	2.5	"							
1,2,4-Trichlorobenzene	ND	0.22	2.5	"							
1,1,2-Trichloroethane	ND	0.36	2.5	"							
1,1,1-Trichloroethane	ND	0.28	2.5	"							
Trichloroethene	ND	0.31	2.5	"							
Trichlorofluoromethane	ND	0.21	2.5	"							
1,2,3-Trichloropropane	ND	0.37	2.5	"							

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Ardent Enviromental Group, Inc.	Project: 2150 Commercer Dr., San Jose	
1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Volatile Organic Compounds by EPA Method 8260B - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060122 - EPA 5035 GCMS											
Blank (1060122-BLK1)					Prepared: 06/01/21 Analyzed: 06/02/21						
1,3,5-Trimethylbenzene	ND	0.29	2.5	ug/kg							
1,2,4-Trimethylbenzene	ND	0.29	2.5	"							
Vinyl chloride	ND	0.31	2.5	"							
Benzene	ND	0.25	2.5	"							
Toluene	ND	0.26	2.5	"							
Ethylbenzene	ND	0.25	2.5	"							
m,p-Xylene	ND	0.48	5.0	"							
o-Xylene	ND	0.22	2.5	"							
LCS (1060122-BS1)					Prepared: 06/01/21 Analyzed: 06/02/21						
Surrogate: Toluene-d8	*49.2*			*ug/kg*	*50.0*		*98.5*	*76.1-127*			
Surrogate: 4-Bromofluorobenzene	*51.5*			*"*	*50.0*		*103*	*85.9-114*			
Surrogate: Dibromofluoromethane	*47.8*			*"*	*50.0*		*95.5*	*77.8-142*			
Chlorobenzene	46.2	0.30	2.5	"	50.0		92.3	79.1-117			
1,1-Dichloroethene	39.7	0.28	2.5	"	50.0		79.4	68-126			
Trichloroethene	43.0	0.31	2.5	"	50.0		86.0	80.6-119			
Benzene	48.2	0.25	2.5	"	50.0		96.5	79.1-117			
Toluene	46.4	0.26	2.5	"	50.0		92.9	79.5-118			
LCS Dup (1060122-BSD1)					Prepared: 06/01/21 Analyzed: 06/02/21						
Surrogate: Toluene-d8	*51.0*			*ug/kg*	*50.0*		*102*	*76.1-127*			
Surrogate: 4-Bromofluorobenzene	*47.7*			*"*	*50.0*		*95.4*	*85.9-114*			
Surrogate: Dibromofluoromethane	*47.9*			*"*	*50.0*		*95.8*	*77.8-142*			
Chlorobenzene	45.6	0.30	2.5	"	50.0		91.2	79.1-117	1.22	20	
1,1-Dichloroethene	40.0	0.28	2.5	"	50.0		79.9	68-126	0.628	20	
Trichloroethene	44.2	0.31	2.5	"	50.0		88.4	80.6-119	2.68	20	
Benzene	48.8	0.25	2.5	"	50.0		97.6	79.1-117	1.13	20	
Toluene	47.4	0.26	2.5	"	50.0		94.7	79.5-118	2.00	20	

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Conventional Chemistry Parameters by APHA/EPA/ASTM Methods - Quality Control

SunStar Laboratories, Inc.

Analyte	Result	MDL	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1060121 - General Preparation											
Blank (1060121-BLK1)					Prepared: 06/01/21 Analyzed: 06/02/21						
Hexavalent Chromium	ND	0.072	10	mg/kg							
LCS (1060121-BS1)					Prepared: 06/01/21 Analyzed: 06/02/21						
Hexavalent Chromium	35.2	0.072	10	mg/kg	40.0		88.0	75-125			
Matrix Spike (1060121-MS1)		**Source: T211788-01**			Prepared: 06/01/21 Analyzed: 06/02/21						
Hexavalent Chromium	33.3	0.072	10	mg/kg	40.7	ND	82.0	75-125			
Matrix Spike Dup (1060121-MSD1)		**Source: T211788-01**			Prepared: 06/01/21 Analyzed: 06/02/21						
Hexavalent Chromium	40.1	0.072	10	mg/kg	39.7	ND	101	75-125	18.4	20	
Batch 1060228 - General Preparation											
Duplicate (1060228-DUP1)		**Source: T211788-01**			Prepared: 06/02/21 Analyzed: 06/03/21						
pH	8.61	0.02	0.1	pH Units		8.58			0.349	20	O-04

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1827 Capital St., Suite 103	Project Number: 101233002	**Reported:**
Corona CA, 92880	Project Manager: Paul Roberts	07/14/21 11:33

Notes and Definitions

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS was within acceptance criteria. The data is acceptable as no negative impact on data is expected.
O-04	This sample was received and analyzed outside the EPA recommended holding time.
J	Detected but below the Standard Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Method Detection Limit (MDL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

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949-297-5020

Chain of Custody Record

Client: ARDENT ENVIRONMENTAL GROUP, INC
Address: 1827 Capitol Street, Suite 103, Corona, CA
Phone: 951-736-5334 Fax:
Project Manager: Paul Rivers / Jon Anderson

Date: 5-28-2021 Page: 1 of 1
Project Name: 2150 Commerce Dr, San Jose
Collector: Jon Anderson Client Project #: 101233002
Batch #: T211788 EDF #:

Sample ID	Date Sampled	Time	Sample Type	Container Type	8260 VOCs	8260 + OXY	8260 BTEX, OXY only	8270	8021 BTEX	8015M (gasoline)	8015M (diesel)	8015M Ext./Carbon Chain C6-C44	6010/7000 Title 22 Metals	PLI	Hex Chrm 7196	Hall		Laboratory ID #	Comments/Preservative	Total # of containers
B1-2.5'	5-28-2021	8:30	Soil	Sass/sleeve	X								X	X	X			01		12
B1-5'		8:38														X		02		
B1-10'		8:44			X								X	X	X			03		
B2-2.5'		9:24			X								X	X	X			04		
B2-5'		9:30														X		05		
B2-10'		9:41			X								X	X	X			06		
B3-2.5'		7:51			X								X	X	X			07		
B3-5'		8:22														X		08		
B3-10'		8:09			X								X	X	X			09		
B4-2.5'		9:05			X								X	X	X			10		
B4-5'		9:08														X		11		
B4-10'		9:14			X								X	X	X			12		

Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
	5-28-21 / 12:00		
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time
GLS	6/1/21 7:25		6/1/21 9:25
Relinquished by: (signature)	Date / Time	Received by: (signature)	Date / Time

Sample disposal instructions: Disposal @ $2.00 each ___ Return to client ___ Pickup ___

Total # of containers	12
Chain of Custody seals Y/N/NA	N
Seals intact? Y/N/NA	NA
Received good condition/cold	15.3°C
Turn around time:	Fri. June 4

Notes
NEED RESULTS BY Friday June 4/2021.

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SAMPLE RECEIVING REVIEW SHEET

Batch/Work Order #: T211788

Client Name: Ardent Environmental Group Project: 2150 Commercer Dr., San Jose

Delivered by: ☐ Client ☐ SunStar Courier ☒ GLS ☐ FedEx ☐ Other

If Courier, Received by: ____ Date/Time Courier Received: ____

Lab Received by: Paul Date/Time Lab Received: 6/1/21 9:25

Total number of coolers received: 1 Thermometer ID: SC-GUN Calibration due: 8/17/21

Temperature:	Cooler #1 15.5	°C +/- the CF (-0.2°C) = 15.3	°C corrected temperature
Temperature:	Cooler #2	°C +/- the CF (-0.2°C) =	°C corrected temperature
Temperature:	Cooler #3	°C +/- the CF (-0.2°C) =	°C corrected temperature

Temperature criteria = ≤ 6°C (no frozen containers)	Within criteria?	☐ Yes ☒ No ☐ N/A
If NO:		
Samples received on ice?	☐ Yes	☒ No → **Complete Non-Conformance Sheet**
If on ice, samples received same day collected?	☐ Yes → Acceptable	☒ No → **Complete Non-Conformance Sheet**

Custody seals intact on cooler/sample	☐ Yes	☐ No*	☒ N/A
Sample containers intact	☒ Yes	☐ No*	
Sample labels match Chain of Custody IDs	☒ Yes	☐ No*	
Total number of containers received match COC	☒ Yes	☐ No*	
Proper containers received for analyses requested on COC	☒ Yes	☐ No*	
Proper preservative indicated on COC/containers for analyses requested	☒ Yes	☐ No*	☐ N/A
Complete shipment received in good condition with correct temperatures, containers, labels, volumes preservatives and within method specified holding times	☐ Yes	☒ No*	

* Complete Non-Conformance Receiving Sheet if checked

Cooler Sample Review - Initials and date: JB 6/1/21

Comments: Samples received in a cooler without ice (temperature 15.3°C) nor was it sampled same day as sample received. Samples were received submerged in water.

SunStar Laboratories, Inc.
Providing Quality Analytical Services Nationwide

SAMPLE NON-CONFORMANCE SHEET

Batch/Work Order # T2117-88

- **COOLERS**
  - ☐ Not Received (received COC only)
  - ☐ Leaking/Damaged
  - ☐ Other:
- **CUSTODY SEALS**
  - ☐ None
  - ☐ Not Intact
- **TEMPERATURE (Temp criteria ≤ 6°C)**
  - ☒ Cooler/Sample Temp(s)
  - ☐ Temperature Blank(s)
- **CHAIN OF CUSTODY (COC)**
  - ☐ Not relinquished by client: No date time relinquished
  - ☐ Incomplete information provided
  - ☐ COC not received – notify PM
- **CONTAINERS**
  - ☐ Leaking ☐ Broken
  - ☐ Extra ☐ Missing
- **LABELS**
  - ☐ Not the same sample ID / info as on the COC
  - ☐ Incomplete Information
  - ☐ Markings/Info illegible
- **SAMPLES**
  - ☐ Samples **NOT RECEIVED** but listed on COC
  - ☐ Samples received but **NOT LISTED** on COC
  - ☐ Logged based on Label Information and not COC
  - ☐ Logged according to Work Plan and not COC
  - ☐ Logged in, **ON HOLD** until further notice
  - ☐ Insufficient quantities for analysis
  - ☐ Improper container used
  - ☐ Mislabeled as to tests, preservatives, etc.
  - ☐ Holding time expired – list sample ID and test
  - ☐ Not preserved/Improper preservative used
  - ☐ Without Labels, no information on containers
  - ☐ VOA vial(s) containing headspace >6mm
  - ☐ Other

Project Manager notified of sample non-conformance(s) ☒ Yes ☐ No

All samples accepted for processing and distributing to laboratory(ies) ☒ Yes ☐ No

For samples not accepted due to non-conformance, specify each specific sample ID being rejected in the comments section below:

Comments:

(949) 297-5020 ■ www.sunstarlabs.com ■ 25712 Commercentre Drive ■ Lake Forest, CA 92630

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211788

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Report To:

Ardent Enviromental Group, Inc.
Paul Roberts
1827 Capital St., Suite 103
Corona, CA 92880

Date Due:	06/08/21 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	06/01/21 09:25
Logged In By:	Jennifer Berger	Date Logged In:	06/01/21 12:40

Samples Received at:	**15.3°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	Yes		

Analysis	Due	TAT	Expires	Comments
T211788-01 B1-2.5' [Soil] Sampled 05/28/21 08:30 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	11/24/21 08:30	
8260 5035	06/04/21 15:00	3	06/11/21 08:30	
Cr6-7196A	06/04/21 15:00	3	06/27/21 08:30	
pH soil 9045	06/04/21 15:00	3	05/29/21 08:30	
T211788-02 B1-5' [Soil] Sampled 05/28/21 08:38 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T211788-03 B1-10' [Soil] Sampled 05/28/21 08:44 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	11/24/21 08:44	
8260 5035	06/04/21 15:00	3	06/11/21 08:44	
Cr6-7196A	06/04/21 15:00	3	06/27/21 08:44	
pH soil 9045	06/04/21 15:00	3	05/29/21 08:44	
T211788-04 B2-2.5' [Soil] Sampled 05/28/21 09:24 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	11/24/21 09:24	
8260 5035	06/04/21 15:00	3	06/11/21 09:24	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:24	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:24	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211788

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Analysis	Due	TAT	Expires	Comments
T211788-05 B2-5' [Soil] Sampled 05/28/21 09:30 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T211788-06 B2-10' [Soil] Sampled 05/28/21 09:41 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	11/24/21 09:41	
8260 5035	06/04/21 15:00	3	06/11/21 09:41	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:41	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:41	
T211788-07 B3-2.5' [Soil] Sampled 05/28/21 09:51 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	11/24/21 09:51	
8260 5035	06/04/21 15:00	3	06/11/21 09:51	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:51	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:51	
T211788-08 B3-5' [Soil] Sampled 05/28/21 08:02 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
T211788-09 B3-10' [Soil] Sampled 05/28/21 08:09 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	11/24/21 08:09	
8260 5035	06/04/21 15:00	3	06/11/21 08:09	
Cr6-7196A	06/04/21 15:00	3	06/27/21 08:09	
pH soil 9045	06/04/21 15:00	3	05/29/21 08:09	
T211788-10 B4-2.5' [Soil] Sampled 05/28/21 09:05 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	11/24/21 09:05	
8260 5035	06/04/21 15:00	3	06/11/21 09:05	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:05	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:05	
T211788-11 B4-5' [Soil] Sampled 05/28/21 09:08 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211788

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Analysis	Due	TAT	Expires	Comments
**T211788-12 B4-10' [Soil] Sampled 05/28/21 09:14 (GMT-08:00) Pacific Time (US & **				
6010 Title 22	06/04/21 15:00	3	11/24/21 09:14	
8260 5035	06/04/21 15:00	3	06/11/21 09:14	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:14	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:14	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By

Date

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211788

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Report To:

Ardent Enviromental Group, Inc.
Paul Roberts
1827 Capital St., Suite 103
Corona, CA 92880

Date Due:	06/08/21 17:00 (5 day TAT)		
Received By:	Paul Berner	Date Received:	06/01/21 09:25
Logged In By:	Jennifer Berger	Date Logged In:	06/01/21 12:40

Samples Received at:	**15.3°C**		
Custody Seals	Yes	Received On Ice	Yes
Containers Intact	Yes		
COC/Labels Agree	Yes		
Preservation Confirme	Yes		

Analysis	Due	TAT	Expires	Comments
T211788-01 B1-2.5' [Soil] Sampled 05/28/21 08:30 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	06/02/21 08:30	
8260 5035	06/04/21 15:00	3	06/11/21 08:30	
Cr6-7196A	06/04/21 15:00	3	06/27/21 08:30	
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[NO ANALYSES]				
T211788-03 B1-10' [Soil] Sampled 05/28/21 08:44 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	06/02/21 08:44	
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8260 5035	06/04/21 15:00	3	06/11/21 09:24	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:24	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:24	

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211788

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Analysis	Due	TAT	Expires	Comments
T211788-05 B2-5' [Soil] Sampled 05/28/21 09:30 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				
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8260 5035	06/04/21 15:00	3	06/11/21 09:41	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:41	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:41	
STLC Pb	06/23/21 15:00	5	11/24/21 09:41	Cr Only
STLC Leaching Procedure Metals	06/23/21 15:00	5	11/24/21 09:41	Cr Only
T211788-07 B3-2.5' [Soil] Sampled 05/28/21 09:51 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	06/02/21 09:51	
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Cr6-7196A	06/04/21 15:00	3	06/27/21 08:09	
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T211788-10 B4-2.5' [Soil] Sampled 05/28/21 09:05 (GMT-08:00) Pacific Time (US &				
6010 Title 22	06/04/21 15:00	3	06/02/21 09:05	
8260 5035	06/04/21 15:00	3	06/11/21 09:05	
Cr6-7196A	06/04/21 15:00	3	06/27/21 09:05	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:05	
T211788-11 B4-5' [Soil] Sampled 05/28/21 09:08 (GMT-08:00) Pacific Time (US &				**HOLD**
[NO ANALYSES]				

SunStar Laboratories, Inc.
PROVIDING QUALITY ANALYTICAL SERVICES NATIONWIDE

WORK ORDER

T211788

Client:	**Ardent Enviromental Group, Inc.**	**Project Manager:**	**Mike Jaroudi**
Project:	**2150 Commercer Dr., San Jose**	**Project Number:**	**101233002**

Analysis	Due	TAT	Expires	Comments
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Cr6-7196A	06/04/21 15:00	3	06/27/21 09:14	
pH soil 9045	06/04/21 15:00	3	05/29/21 09:14	

Analysis groups included in this work order

6010 Title 22

subgroup 6010B T22 7470/71 Hg

Reviewed By

Date

ATTACHMENT D

PERTINENT INFORMATION FROM THE SCCDEH

Fixed Treatment Unit
Closure Plan
for
MagePower Facility
2150 Commerce Drive
San Jose, California

Prepared by:
Integrated Engineering Services
780 Charcot Ave
San Jose, CA 95131
(408) 321-0810
April 13, 2000

Fixed Treatment Unit Closure Plan

Table of Contents

Section 1.0 Background

Section 2.0 Facility Closure

Section 3.0 Closure Personnel

Section 4.0 Fixed Treatment Unit

Section 5.0 Materials & Equipment Disposition

Section 6.0 Decontamination
- 6.1 Chemical Tanks and Bunker
- 6.2 Treatment/Transfer and Holding Tanks
- 6.3 Chemical Delivery Pumps and Tubing
- 6.4 Filter Press
- 6.5 Wastewater Treatment Plant Equipment Pad

Section 7.0 Sampling Criteria
- 7.1 Rinsate
- 7.2 Soil and Groundwater Sampling

Section 8.0 Closure Report

List of Attachments

Attachment 1 Facility Map Identifying Location of FTU at the Site

Attachment 2 Hazardous Materials Inventory Statements

Attachment 3 Limited Phase II Environmental Site Investigation

1.0 Background

The MagePower, Inc.(MagePower) facility is located at 2150 Commerce Drive in San Jose. The facility is approximately 62,000 sq. ft. MagePower was a semiconductor company that made ingrated circuits on silicon wafers. MagePower went out of business in early 1999 and is currently owned by General Bank located at 4128 Temple City Boulevard in Rosemead, California.

The MagePower facility operates a permitted Fixed Treatment Unit (Unit ID#). Attachment #1 is a facility map identifying the location of the Unit on site. The Fixed Treatment Unit at MagePower is located in a vault on the equipment pad and pretreats wastewater generated by the manufacturing operations prior to discharge to the San Jose/Santa Clara Water Pollution Control Plant under Permit #SJ-051A.

2.0 Facility Closure

In early 1999, MagePower declared bankruptcy, at which time General Bank assumed ownership of the facility. Although the MagePower facility ceased manufacturing operations, General Bank has continued to keep the building facilities running while hazardous materials remain on the property. All equipment will be removed from the plant by April 30, 2000. The facility closure will be completed on or before June of 2000. A Hazardous Materials Storage System Closure Permit was obtained from the City of San Jose, Bureau of Fire Prevention- Hazardous Materials Division on April 7, 2000 (Permit #2700032400).

The Fixed Treatment Unit at MagePower is permitted under PBR Unit # TT1512 and is intended to be disconnected from the effluent pipe to the sewer line and closed. MagePower intends to begin closure of the Fixed Treatment Unit by the end of April, 2000 and anticipates completion of the closure process by May 31, 2000. Prior to closure, MagePower will continue to process waste generated as part of the ongoing facility closure through the FTU until May 1, 2000. These wastes are primarily associated with the closure of the building including decontamination of the building (i.e., tank draining, trench washing, floor washing, equipment decontamination, etc.).

3.0 Closure Personnel

The main site contacts for closure related issues are:

Rudy Gonzalez	Decontamination Contractor	(408) 980-1613
Sue Saso	Integrated Engineering Services (HazMat Consultant)	(408) 321-0810

R&S, a licensed decontamination contractor, has been hired to perform a variety of decontamination activities at the MagePower facility. All personnel participating in decontamination activities are 40-hour HazWoper trained.

4.0 Fixed Treatment Unit

The wastewater pretreatment system at MagePower includes a separate hydrofluoric acid waste treatment tank and filter press. The fluorides are precipitated out using calcium chloride with calcium fluoride sludge separation via a filter press and the treated water discharged via the AWN.

The Treatment Unit consists of the following fixed tanks:

2 - 7500 gallon wastewater neutralization tanks
2 - 1500 gallon waste Hydrofluoric Acid holding and treatment tanks
4 - 55 gallon waste Calcium Fluoride sludge drums
1 - 1000 gallon Sulfuric Acid 36% tank
1 - 3000 gallon Sodium Hydroxide 30% tank
1 - 1000 gallon Calcium Chloride 34.8% tank

The treatment unit includes associated pumps, mixers, instrumentation, composite sampler, and filter press.

5.0 Materials & Equipment Disposition

The tanks, vaults and equipment will be drained, decontaminated and sampled for pH. The sodium hydroxide and sulfuric acid left in the tanks will be processed through the AWN prior to decontamination. The rainwater collected in the secondary containment vault will be pumped into the primary wastewater treatment tank. The wastewater treatment tanks will be disconnected from the effluent pipe, capped and not accessible to the sanitary sewer; it will then be left in place for future use. The sulfuric acid and sodium hydroxide chemical feed tanks associated with the AWN will be drained, decontaminated and returned to the original owners (Pressure Vessel Corporation).

The HF treatment system, including reagent tanks and filter press, will be decontaminated and left in place for future use. The rinsates and sludge generated from decontamination of these equipment will be collected and shipped offsite as hazardous waste under Manifest. Since the HF holding tank was drained and dry upon our hire date for decontamination, the rinsate will be tested for fluorides and if below 160 ppm, the rinsate will be discarded via the AWN. The waste calcium fluoride sludge drums left onsite will be discarded as hazardous waste under Manifest.

Attachment #2 is the Hazardous Materials Inventory Statement for the wastewater treatment system taken from the Hazardous Materials Business Plan on file with the San Jose Fire Department at the time of closure.

6.0 Decontamination

Decontamination of the treatment tanks and associated equipment will begin once all on-site wastes have been treated through the unit. As described in Section 5.0, decontamination activities will be performed as follows:

6.1 Chemical Feed Tanks

1) Remaining contents of tanks will be drained into the AWN or drummed for offsite hazardous waste disposal.
2) Tank and associated piping will be rinsed and neutralized with rinsate being disposed of via the sanitary sewer drain.
3) Confirmation pH sampling to be performed prior to removal of piping.
4) Piping will be properly disposed of pending sampling results.
5) Sulfuric acid and sodium hydroxide tanks will be sent back to Pressure Vessel Corporation.
6) Calcium chloride tank will remain onsite; calcium fluoride sludge drums will be shipped offsite as hazardous waste under Manifest.
7) Containment vault will be pressure washed, neutralized and rinsate disposed of via the sanitary sewer drain.
8) Confirmation rinsate sampling to be performed.
9) Subsurface sampling will be performed at the request of the inspector.

6.2 Treatment and Holding Tanks

1) Disassemble and cap the effluent piping associated with the wastewater treatment unit.
2) Disconnect electrical and facility services to all wastewater treatment unit equipment.
3) Pressure wash all holding tanks.
4) Confirmation rinsate sampling to be performed after tanks are decontaminated.

6.3 Chemical Delivery Pumps and Tubing

1) Flush and neutralize all chemical delivery pumps and lines.
2) Confirmation sampling to be performed on rinsate
3) Leave pumps in place.

6.4 Filter Press

1) Disassemble filter press.
2) Pressure wash all surfaces, sample and drum rinsate.
3) Wipe down entire system and leave in place.
4) Dispose of sludge and rinsate as hazardous waste.

6.5 Wastewater Treatment System Equipment Pad

1) Remove and decontaminate miscellaneous wastewater treatment equipment.
2) Pressure wash floors and surrounding walls, sample and drum rinsate.
3) Perform confirmation decontamination sampling on floor and walls.

4) Dispose of collected rinsate via sanitary sewer or as hazardous waste based on pH results.

7.0 Sampling Criteria

7.1 Rinsate

Collected rinsate from decontamination of the AWN system will be treated through the onsite wastewater treatment system. Rinsates collected from decontamination of the AWN system itself will be sampled for pH and per the results, either discharged directly to the sanitary sewer or shipped offsite as hazardous waste. All rinsates and sludge collected from decontamination of the HF treatment system and filter press will be collected and shipped offsite as hazardous waste.

7.2 Soil & Groundwater Sampling

The fixed treatment unit is located in a secondary containment vault. Groundwater sampling conducted during a Limited Phase II Site Investigation in April, 1999 resulted in no contaminants of regulatory concern in the groundwater (Attachment #3).

There do not appear to be any cracks or defects in the tanks and secondary containment vault. After all equipment has been removed from the area, and floors and walls cleaned, IES and R&S Technology will request that an inspection of the area be performed. The purpose of the inspection will be to determine if the Santa Clara County Environmental Health Division will require sampling and what analyses will be performed. If required, IES and R&S Technology will work closely with Santa Clara County to develop a mutually acceptable sampling plan.

8.0 Closure Report

Upon completion of the Fixed Treatment Unit closure, IES will submit a complete closure report including the following information:

1. Explanation of all decontamination activities performed;
2. Documentation of the disposition of all hazardous materials, hazardous waste and hazardous material containing equipment (i.e., bills of lading, hazardous waste manifests, recycler receipts, etc.); and
3. If applicable, sampling results and a map of sampling locations.

The report will be submitted within 30 day of the completed closure.

ATTACHMENT 1

FACILITY SITE MAP

ATTACHMENT 2

HMIS SECTION FOR ACID WASTE NEUTRALIZATION SYSTEM

D6. ACID NEUTRALIZATION SYSTEM

HAZARD CLASS	CHEMICAL	# OF CONTAINERS	CONTAINER SIZE	TOTAL
NonRG	Calcium Chloride 34.8%	1	1000 gal	1000 gal
CorrL	Hydrofluoric Acid Waste	1	1500 gal	1500 gal
CorrL	Sodium Hydroxide 30%	1	3000 gal	3000 gal
CorrL	Sulfuric Acid 36%	1	1000 gal	1000 gal
CorrL	Wastewater Neutralization Tank	2	7500 gal	15000 gal
ORMES	Waste Calcium Fluoride Sludge	4	55 gal	220 gal

D7. EMERGENCY GENERATOR

HAZARD CLASS	CHEMICAL	# OF CONTAINERS	CONTAINER SIZE	TOTAL
CombL	Diesel Fuel	1	125 gal	125 gal

E1. OLD GAS BUNKER

HAZARD CLASS	CHEMICAL	# OF CONTAINERS	CONTAINER SIZE	TOTAL
NonFG	Ammonia, Anhydrous (O,N)	2	111 ft3	222 ft3
NonFG	Chlorine (Q)	2	270 ft3	540 ft3
FlamG	Dichlorosilane (I,H)	2	346 ft3	692 ft3
NonFG	Hydrogen Chloride (E,G)	2	631 ft3	1262 ft3
NonFG	Nitrogen	14	226 ft3	3164 ft3
PoisAG	Phosphine 2%/N2 98% (M)	1	180 ft3	180 ft3
PoisAG	Phosphine 15%/Silane 85% (L)	1	175 ft3	175 ft3
FlamG	Silane 100%	5	346 ft3	1730 ft3
PoisAG	Arsine 15%/H2 85%	4	.016 ft3	.064 ft3
PoisAG	Phosphine (YC)	4	.016 ft3	.064 ft3
PoisAG	Phosphine 15%/H2 85% (YC)	4	.016 ft3	.064 ft3
NonFG	Argon (YC)	3	.08 ft3	.24 ft3
NonFG	Argon (YC)	4	.016 ft3	.064 ft3
PoisAG	Hydrogen Bromide	1	48 ft3	48 ft3
Non-FG	Nitrogen Trifluoride	1	91 ft3	91 ft3

E2. BUNKER "E"

HAZARD CLASS	CHEMICAL	# OF CONTAINERS	CONTAINER SIZE	TOTAL
FlamG	Diborane 5%/N_2 95%	2	190 ft3	380 ft3
FlamG	Dichlorosilane	2	349 ft3	698 ft3
PoisAG	Phosphine 5%/N_2 95%	4	180 ft3	720 ft3

ATTACHMENT 3

LIMITED PHASE II ENVIRONMENTAL SITE INVESTIGATION

providing environmental
consulting and
engineering services

840 North Tustin Avenue
Suite 101
Santa Ana, California 92705

FAX TRANSMITTAL SHEET

McCulley
Frick &
Gilman, Inc.

TO: FROM:

FAX#: 408-965-5505 Name: Rita Rausch

Company: K&S Senders's Ref.: 6264-2

Attention: Rich Garcia/Tom Blount Date: May 13, 1999

Description/Title of Document: Draft Report - Phase II Investigation 2150 Commerce

10 Pages, including this sheet

If you do not receive all pages, please notify us as soon as possible

Phone: 714-973-3090
FAX: 714-973-3097

MESSAGE:

Attached is a copy of the draft report for the Phase II investigation conducted by MFG on the former Magepower facility.

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May 6, 1999
MFG Project No. 6264

Mr. Jim Spooner
Kulicke & Soffa Industries Inc.
2101 Blair Mill Road
Willow Grove, PA 19090

Subject: **Results of Limited Phase II Site Investigation**
Former Magepower Facility
2150 Commerce Street
San Jose, California

Dear Mr. Spooner:

At the request of Kulicke & Soffa, Inc., McCulley, Frick & Gilman, Inc. (MFG) has performed a Limited Phase II site investigation at the above referenced property (the Site). This letter summarizes the findings of the investigation, MFG's interpretation of the data, and our recommendations regarding identified environmental conditions.

SCOPE OF WORK

The scope of work for the field investigation was outlined in a proposal prepared by MFG, dated April 15, 1999. Briefly, the scope of work included the following:

- preparation of a site-specific Health and Safety Plan;
- investigation of all planned soil boring locations for the presence of underground metallic utilities;
- collection of up to 20 soil samples and four groundwater samples from five Geoprobe direct-push soil borings. Each Geoprobe soil boring was to be drilled to a depth of 20 feet below land surface (bls) or to the water table, whichever was shallower. Soil samples were to be collected from each boring at five foot depth intervals;
- collection of up to six soil samples from three hand auger borings;
- collection of one groundwater sample from an existing groundwater monitoring well;

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- chemical analysis of the soil and groundwater samples, as described in the proposal; and
- preparation of this report.

FIELD INVESTIGATION

The field investigation was performed by MFG on April 21 and 22, 1999. A summary of the work performed by MFG is provided in Table 1, attached, and in the following paragraphs.

On April 21, 1999, Subdynamic Locating Services of San Jose, California, screened all five of the proposed Geoprobe soil boring locations and two of the three hand auger boring locations for the presence of underground metallic utilities using conventional electronic utility locating instruments. The one remaining hand auger boring location, which was situated inside of the building, could not be screened due to the close proximity of live electrical lines and panels.

A total of 5 soil samples were collected from three hand auger borings on April 21, 1999. Two of the hand auger borings (HA#1 and HA#2) were drilled inside of the hazardous waste storage area. These borings met refusal on gravelly soils at a depth of approximately 4 to 4.5 feet bls. Two soil samples were collected from each boring, at depths of approximately 3 and 4 feet below grade. The third boring (HA#3) was drilled within a concrete-lined piping containment trench, at the location of a known hydrofluoric acid spill inside of the building. This boring also met refusal on gravelly soils, at a depth of approximately 4.5 feet below grade. Only one sample was collected from HA#3, at a depth of approximately 4 feet below grade (approximately 2 feet below the bottom of the containment trench).

Soil samples were collected from the hand auger borings by hand-driving a 2-inch diameter, 6-inch long decontaminated steel sampler lined with a brass soil sampling sleeve directly into the soil at the bottom of the boring. Upon retrieval, the sampler was disassembled and the sampling sleeve was removed. The ends of the sleeve were then covered with Teflon sheets and sealed with plastic caps. The samples were then properly labeled and placed in an ice chest cooled to approximately 4°C, pending transportation under chain-of-custody protocol to Entech Analytical Labs, Inc. of Sunnyvale, California for chemical analysis.

A total of five Geoprobe direct-push soil borings (B-1 to B-5) were drilled to a depth of approximately sixteen feet bls on April 22, 1999, using a sampling rig operated by InterPhase Environmental, Inc. of Los Angeles, California. One Geoprobe boring (B-1) was drilled near the property line on the northeast (upgradient) side of the facility. Two Geoprobe borings (B-2 and B-3) were drilled near the property line on the southwest (downgradient) side of the facility. The two remaining Geoprobe borings (B-4 and B-5) were drilled adjacent to the sump located near the southern corner of the facility.

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Soil samples were collected from the Geoprobe borings by driving a 2-inch diameter, 2-foot long piston-type sampler lined with four 1.5-inch diameter, six-inch long stainless steel sampling sleeves to the top of the desired sampling interval. The piston was then unlocked and driven an additional two feet to collect an undisturbed sample of soil. The sampler was then withdrawn from the borehole and disassembled. The ends of the sampling sleeves were covered with Teflon sheets and sealed with plastic caps. The samples were then properly labeled and placed in an ice chest cooled to approximately 4°C, pending transportation to Entech for analysis.

The Geoprobe groundwater samples were collected on April 22, 1999, from separate borings drilled within one foot of the borings used for soil sampling. The groundwater samples were collected using an in-situ groundwater sampling tool, consisting of a 4-foot length of 1-inch diameter stainless steel wire-wrap well screen placed inside of a steel sheath. To collect a water sample, the sampler was assembled and driven to the bottom of desired sampling interval. The drilling rods were then retracted to raise the sheath, thereby exposing the well screen to water-saturated soil at depth. After allowing groundwater to enter the screen, water samples were collected by inserting a stainless steel check valve attached to length of clean ¼-inch diameter Teflon tubing into the sampler. Water was lifted to the surface by repeatedly raising and lowering the tubing approximately four inches. The water samples were placed in containers provided by the laboratory, properly labeled, and stored in an ice chest cooled to approximately 4°C, pending transportation to Entech for analysis.

One groundwater sample was collected from the existing monitoring well at the Site on April 22, 1999. Prior to sample collection, depth to water was measured in the well using an electronic water level sounder. The groundwater sample was then collected using a disposable Teflon bailer. The well was not purged or otherwise disturbed prior to sampling. The groundwater sample was placed in containers provided by the laboratory, properly labeled, and stored in an ice chest cooled to approximately 4°C, pending transportation to Entech for analysis.

The soil and groundwater analytical program included volatile organic compounds (VOCs; EPA method 8260), California Title 22 metals (metals; EPA 6010/7000-series), fluoride salts (EPA method), and acidity (pH; EPA method 9045). A sample-by-sample summary of the soil analytical program is provided in Table 1.

All of the soil borings were logged by a trained geologist, in general accordance with the Unified Soil Classification System. In addition to soil properties, observations were made of soil discoloration and chemical odors. An organic vapor analyzer (Thermo Environmental Instruments Model 480B photoionization detector) was also used to screen the soil samples for the presence of organic vapors.

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RESULTS

Soil and Groundwater Conditions

Soils encountered during drilling included sands, gravelly sands, and gravel with clay interbeds from the surface to a depth of approximately 15 feet bls. A clay layer was present from 15 to at least 16 feet bls. Groundwater was detected in the Geoprobe borings at a depth of approximately 16 feet bls. Groundwater was measured in the monitoring well at a depth of approximately 13.5 feet bls. Based on the difference between the depth that water was observed in the soil borings and the measured depth to groundwater in the monitoring well, it is possible that groundwater beneath the Site is confined.

Neither chemical odors, discoloration, nor elevated organic vapor analyzer readings were noted in any of the soil or groundwater samples.

Analytical Results: Soil Samples

Analytical data for the soil samples are summarized in Table 2. Briefly, these results include:

- VOCs were not detected in any of the soil samples.
- metals concentrations were either non-dectectable or comparable to typical background concentrations in California soils. All metals concentrations were well below California hazardous waste criteria.
- Fluoride concentrations were all well below California hazardous waste criteria.
- pH values were within the typical range for native soils in the western United States.

Analytical Results: Groundwater Samples

Analytical data for the groundwater samples are summarized in Table 3. Briefly, these results include:

- Naphthalene was detected in the groundwater sample from boring B-1 at a concentration of 5.7 µg/l. No other VOCs were detected in this sample, and VOCs were not detected in any of the other groundwater samples.
- metals concentrations in all groundwater samples were below California Maximum Contaminant Levels (MCLs) for drinking water.

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- Fluoride concentrations were below California MCLs in all of the groundwater samples.
- pH values were within the typical range for native soils in the western United States.

DISCUSSION

No hazardous chemicals were detected in any of the soil samples. Naphthalene was detected in the groundwater sample collected from boring B-1, which is located near the property line upgradient from the facility. Naphthalene is not specifically regulated in groundwater by the State of California. Furthermore, the napthalene concentration detected in the groundwater sample from boring B-1 is likely below taste and odor thresholds. It is unlikely that the naphthalene concentration detected in this sample would be of regulatory concern.

WASTE GENERATED DURING FIELD INVESTIGATION

One labeled 55-gallon DOT drum containing approximately ¼ full of soil generated from the hand auger borings was left in a covered area adjacent to the hazardous waste storage area. Based on the analytical data generated during this investigation, this soil would be classified as a non-hazardous waste, and could be disposed of on-site.

If you have any questions regarding this report, please do not hesitate to contact me at (714) 973-3090.

Sincerely,

McCULLEY, FRICK & GILMAN, INC.

Rita Rausch
Senior Environmental Scientist

Attachments: Table 1 - Summary of Sampling and Analytical Program
Table 2 - Summary of Analytical Results: Soil Samples
Table 3 - Summary of Analytical Results: Groundwater Samples
Attachment A - Laboratory Reports

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TABLE 1

SUMMARY OF SAMPLING AND ANALYTICAL PROGRAM

1250 Commerce Street
San Jose, California

SAMPLING PROGRAM				ANALYTICAL PROGRAM			
BORING NUMBER	TOTAL DEPTH (FEET)	SAMPLE NUMBER	SAMPLED INTERVAL (FEET)	VOCs	METALS	pH	FLUORIDE SALTS
Geoprobe Borings							
B-1	16	B-1-1	5-7	✓	✓	✓	✓
		B-1-2	10-12				
		B-1-3	14-16	✓		✓	✓
		B-1 Water	17-21	✓	✓	✓	✓
B-2	16	B-2-1	5-7	✓	✓	✓	✓
		B-2-2	10-12				
		B-2-3	14-16	✓		✓	✓
		B-2 Water	17-21	✓	✓	✓	✓
B-3	16	B-3-1	5-7	✓	✓	✓	✓
		B-3-2	10-12				
		B-3-3	14-16	✓		✓	✓
		B-3 Water	17-21	✓	✓	✓	✓
B-4	16	B-4-1	5-7	✓	✓	✓	✓
		B-4-2	10-12				
		B-4-3	14-16	✓		✓	✓
		B-4 Water	17-21	✓	✓	✓	✓
B-5	16	B-5-1	5-7	✓	✓	✓	✓
		B-5-2	10-12				
		B-5-3	14-16	✓		✓	✓
Hand Auger Borings							
HA#1	4	HA#1-1	3.0-3.5	✓	✓	✓	✓
		HA#1-2	4.0-4.5	✓		✓	✓
HA#2	4	HA#2-1	3.0-3.5	✓	✓	✓	✓
		HA#2-2	3.75-4.25	✓		✓	✓
HA#3	4.5	HA#3-1	4.5-5.0	✓	✓	✓	✓

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TABLE 2

SUMMARY OF ANALYTICAL RESULTS: SOIL SAMPLES

2150 Commerce Street
San Jose, California

BORING NUMBER	SAMPLE NUMBER	VOCs	METALS	FLUORIDE SALTS	pH
Geoprobe Borings					
B-1	B-1-1	ND	Non-Haz	<0.5	9.4
	B-1-3	ND	–	<0.5	9.1
B-2	B-2-1	ND	Non-Haz	1.4	9.0
	B-2-3	ND	–	<0.5	8.2
B-3	B-3-1	ND	Non-Haz	1.4	9.4
	B-3-3	ND	–	0.79	9.2
B-4	B-4-1	ND	Non-Haz	4.3	9.4
	B-4-3	ND	–	0.99	9.3
B-5	B-5-1	ND	Non-Haz	0.71	8.9
	B-5-3	ND	–	<0.5	9.0
Hand Auger Borings					
HA#1	HA#1-1	ND	Non-Haz	0.85	9.3
	HA#1-2	ND	–	1.0	9.0
HA#2	HA#2-1	ND	Non-Haz	0.59	9.0
	HA#2-2	ND	–	1.4	8.8
HA#3	HA#3-1	ND	Non-Haz	1.3	8.3

Notes:

1) ND indicates all concentrations non-detectable. Please refer to laboratory reports for detection limits.
2) Non-Haz indicates all concentrations below California hazardous waste criteria (TTLC and 10 × STLC values).

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TABLE 3

SUMMARY OF ANALYTICAL RESULTS: GROUNDWATER SAMPLES

2150 Commerce Street
San Jose, California

BORING NUMBER	SAMPLE NUMBER	VOCs[1]	METALS[2]	FLUORIDE SALTS	pH
B-1	B-1 water	Nap[3]: 5.5 Others: ND	< MCL	< 0.5	9.4
B-2	B-2 water	ND	< MCL	1.4	9.0
B-3	B-3 water	ND	< MCL	1.4	9.4
B-4	B-4 water	ND	< MCL	4.3	9.4
Monitoring Well	Monitoring Well	ND	< MCL	0.71	8.9

Notes:

1) ND indicates all concentrations non-detectable. Please refer to laboratory reports for detection limits.
2) < MCL indicates all concentrations below California Maximum Contaminant Levels (MCLs)
3) Nap = Naphthalene

525 Del Rey Avenue

EzC, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-003 **Client Sample ID:** A-1-1

Sample Time: 9:25 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	6.3		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

525 Del Rey Avenue

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Project Number: 1473SCOL
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-006 **Client Sample ID:** A-6-1

Sample Time: 10:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	8.3	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-007 **Client Sample ID:** A-3-1

Sample Time: 10:30 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	8.7	1			STU	4/24/00	SPH000424	EPA 9045C

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Project Number: 1475.CC1
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-001 **Client Sample ID:** A-5-1
Sample Time: 8:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.4	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-002 **Client Sample ID:** A-2-1
Sample Time: 9:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	7.7	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-003 **Client Sample ID:** A-4-1
Sample Time: 9:25 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.0	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-004 **Client Sample ID:** A-1-1
Sample Time: 9:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.6	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-005 **Client Sample ID:** A-7-1
Sample Time: 9:55 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.2	1			STU	4/24/00	SPH000424	EPA 9045C

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

CITY OF SAN JOSÉ, CALIFORNIA

FOUR NORTH SECOND STREET, SUITE 1100
SAN JOSE, CALIFORNIA 95113-1305
(408) 277-4444

SAN JOSE FIRE DEPARTM

FAX TRANSMITTAL SHEET

DATE: 6/7/00 TIME: _____

FAX SENT TO: Nicole Pullman

OF COMPANY/DEPARTMENT: County Health Services

SENT TO FAX NUMBER: 280-6479

FAX FROM: Mike Randolph

OF THE SAN JOSE FIRE DEPARTMENT - BUREAU OF

FIRE PREVENTION

TRANSMITTED FROM FAX # (408) 288-8602

OF PAGES TRANSMITTED (including this cover page): _____

COMMENTS:

Attached are some Inspections records noting signs of chemical spills/leaks and a description of 7 core boring locations. Sample #4 had chloromethane - only solvent found. Also attached are pH + Fluoride

IF THERE ARE ANY PROBLEMS IN RECEIVING THIS FAX, PLEASE CALL _____ AT (408) 277-4659.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
17.12	V	Submit copy of soil sample results for sample taken in piping trench of Service Chase #9. Also, submit copy of any photos taken before boring. Note: Observe major corrosion and stains on trench w/ Waste HF, waste acid piping. There appears to have been a ~~major~~ significant release behind the sulfuric acid wet sink. Sheet rock on both sides of 4'x2' wall badly destroyed near floor. Liquid appears to have entered trench after eating thru wall. Very little staircase observed on floor.		
17.12	V.	Submit plans to repair wall to San Jose Bldg Dept. - 30 days from		
17.12	V	~~Note:~~ Dispose of wall (100 sq ft area) as hazardous waste or demonstrate wall is non-hazardous		

							NO FEE	NPS
TIME								
DATE	5/12/99							
BILL? Y/N								
O.C.C INIT								

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.
An inspection to determine whether or not you have complied with this notice will be conducted on or after 10 days.

Failure to comply with the foregoing order by the date of reinspection may cause a CITATION to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

x [signature] Occupant

x Mike Rudolph Inspecting Officer (Print Name, Assignment)

x [signature] Inspecting Officer (Signature)

240-14supp (REV. 7/97)

[redacted]

INFORMATION

BILLING INFORMATION IF NO B/ACCT NO.

Business Owners Name (Last, First): MEGA MOS CORP

Street Number: 2150 | Dir. | Street Name: COMMERCE DR | Area Code / Telephone Number: 408-253-7422

City: SAN JOSE, | State: CA | Zip Code: 95131-1858

BUILDING INFORMATION

Use UBC	Cert UBC	NFPA	SIC	Bldgs.	Mgt.	Yr Const.	Stories	Sq. Ft. Gr. Flr.
M		799	3674		1	1983	01	62,000

Sprnk.	Standpipe	5 Yr. Test Date	Alarm	Spec. Sys.	Assmbly.	O.L.	Dining
.1	0	03191993	5	4	0	64	

FS: 02161993 INTIAL INSP. DATE: 082

PS: 06302000 PERMIT EXP. DATE: 063

FS: 2211 INSP / GEO AR: H

HAZMAT INFORMATION

UG Tanks	SPCC Req'd?	Toxic Gas	Flam. Gas	Gas Mon.	HMOC	HMBP
6		1	Y	Y	10	1

Initial Inspection: 3/30/00 | Completion Date: | Employee/Company No.:

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:

You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose

VIOLATION TYPE: ☐ SJFC ☐ UST ☐ HMBP ☐ SPCC

CODE SECTION		P/V	DESCRIPTION	APPR.
			☐ SERVICE FIRE EXTINGUISHER ☐ PROVIDE NONCOMBUSTIBLE TRASH CONTAINER	
			☐ NO EXTENSION CORDS IN PLACE OF PERMANENT WIRING ☐ PROVIDE FIRE EXTINGUISHER	
			☐ KEEP EXIT WAYS CLEAR ☐ KEEP ELECTRICAL PANELS CLEAR	
			☐ OTHER VIOLATIONS AS NOTED BELOW:	
C7	1C58c7	P	~~COMPRESSED GASES A~~	
C9	1C58c9	P	CRYOGENS - ANNUAL	
F3	1C58f3	P	FLAM/COMB LIQUIDS	
H1	1C58h1	P	HAZARDOUS MATERIAL	
H2	1C58h2	P	~~HZRDS PROD MATERI~~	
P2	1C58p2	P	PLACE OF ASSEMBLY	
W1	1C58w1	P	~~WELDING/CTTING FIXE~~	
			Facility closure inspection with particular attention being paid to the three trenches. Trenches have been used by several companies over the years according to contractor	
			NOTE: Analyses of soil samples to be determined later.	

Date HMIS Rec'd:	Date HMBP Rec'd:	Date HMBP Approved:	Permi Status

REPRINT THIS INFORMATION FOR REFERENCE NEXT YEAR ☐

HM 2/5 3/3 5/2 6/2 8/5 9/2

4/26/99 PER F/S INSP O/B CLOUSURE DONE BY HM

Inspections are reported in 30 minute increments: e.g. 30 minutes = 1; 1 hour = 2; 1:30 = 3, etc. Inspections to be billed will be indicated below.

CLASS	1	2	3	4	5	6	8	9	Z	Total
SOLID		■	■							■
LIQUID		■		■						■
GAS	■		■	■	■	■	■	■		■
TOTAL										

TIME	1.0					NO FEE
DATE	3/30/a					
BILL? Y/N	~~N~~ Y					
OCC INIT	RW					

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

An inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

x _____ Occupant

x Mike Rundolph Inspecting Officer (Print Name, Assignment)

x Mike Rundolph Inspecting Officer (Signature)

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR
You are hereby notified that an inspection of your premises has disclosed that
provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations,

CODE SECTION	P/V	DESCRIPTION
		Contractor stated that only waste HF and waste acid piping ~~were~~ were located in trenches. To ~~ice~~ implant room ~~front~~ consider ~~and~~ along outer wall of equipment pad and elsewhere observed ~~concreted~~-coated trench to be discolored (light green, white, red, etc.) in areas along trench. Trench had olive-green coating
	*	Trench opposite roll up door had discolor ation (red) and deterioration of coating- along upper side of trench
		Note: Contractor had removed all piping and stated that trenches had been cleaned with ~~water~~ high pressure water/TSP solution.
		several The undersides of ^ trench covers had significant discoloration. The contractor stated the trench covers had not been cleaned yet.

TIME						NO FEE
DATE	7/3/00					
BILL? Y/N	N					
OCC INIT						

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

An inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a CITATION to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

x _____
Occupant

x Mike Randolph
Inspecting Officer (Print Name, Assignment)

x Mike Randolph
Inspecting Officer (Signature)

240-14supp (REV. 5/99)

NOTICE OF VIOLATION
You are hereby notified that an inspection has revealed violations of provisions of Title 19, Title 22, Title 24, or Title 25 of the California Code of Regulations.

CODE SECTION	P/V	DESCRIPTION
SJMC 17.12	V	Based on widespread discoloration of coated piping ~~&~~ trenches with varying degrees of coating deterioration, collect soil samples immediately below the concrete in the following areas:
		1) 90° elbow of trench about 20 ft inside from rollup door.
		2) 1ST piping trench inside from roll up door about 15 ft to the lower side where trench makes 90° zig zag. There is a crack in coating.
		3) Low pt at trench outside on equipment pad
		4) At T intersection of piping trench that runs out to equipment pad with trench that runs parallel to outer wall
		5) Thru floor that is next to highest point of trench in ion implanter room two feet from wall

TIME						NO FEE
DATE	3/30/00					
BILL? Y/N						
OCC INIT						

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

An inspection to determine whether or not you have complied with this notice will be conducted on or after 10 days.

Failure to comply with the foregoing order by the date of reinspection may cause a CITATION to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

x [signature] Occupant

x Mike Randolph Inspecting Officer (Print Name, Assignment)

x Mike Randolph Inspecting Officer (Signature)

240-14supp (REV. 5/99)

BILLING INFORMATION IF NO B/ACCT NO

Business Owners Name (Last, First)
MEGA MOS CORP

Street Number | Dir. | Street Name
2150 COMMERCE DR

Area Code | Emergency Phone Number
408-253-7424

City | State | Zip Code
SAN JOSE, CA 95131-1858

BUILDING INFORMATION

Use UBC	Con UBC	NFPA	SIC	Bldgs.	Mgt.	Yr. Const	Stories	Sq. Ft. Gr. Flr.
M1		799	3674		1	1983	01	62,000

Sprnk.	Standpipe	5 Yr. Test Date	Alarm	Spec. Sys.	Assmbly.	O.L.	Dining
Y	0	03191993	5	4	0	64	

FS | INITIAL INSP. D
02161993 | 08

FS | PERMIT EXP. D
06301999 | 06

FS | INSP / GEO
2211

HAZMAT INFORMATION

UG Tanks	SPCC Req'd?	Toxic Gas	Flam. Gas	Gas Mon	HMOC	HMBP
0		1	Y	Y	10	1

Initial Inspection | Completion Date | Employee/Company No.

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violati provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jo

VIOLATION TYPE: ☐ SJFC ☐ UST ☐ HMBP ☐ SPCC

CODE SECTION	P/V	DESCRIPTION	APPR
		☐ SERVICE FIRE EXTINGUISHER ☐ PROVIDE NONCOMBUSTIBLE TRASH CONTAINER	
		☐ NO EXTENSION CORDS IN PLACE OF PERMANENT WIRING ☐ PROVIDE FIRE EXTINGUISHER	
		☐ KEEP EXIT WAYS CLEAR ☐ KEEP ELECTRICAL PANELS CLEAR	
		☐ OTHER VIOLATIONS AS NOTED BELOW.	
C7 1058c7	P	COMPRESSED GASES A	
C9 1058c9	P	CRYOGENS - ANNUAL	
F3 1058f3	P	FLAM/COMB LIQUIDS	
H1 1058h1	P	HAZARDOUS MATERIAL	
H2 1058h2	P	HIRDS PROD MATERI	
P2 1058p2	P	PLACE OF ASSEMBLY	
W1 1058w1	P	WELDING/CTTNG FIXE	
		Soil sample (6) at intersection of pipe trench going straight to equipment pad and 2nd trench in front of gates way 7) Sample three floor close to sample #1 where large chemical accident/spill/explosion occurred.	
		Note: Other floor samples may be required - To be determined	

Date HMIS Rec'd: | Date HMBP Rec'd: | Date HMBP Approved: | Perm Statu

REPRINT THIS INFORMATION FOR REFERENCE NEXT YEAR ☐ HM 215 313 512 612 815 912

Inspections are reported in 30 minute increments; e.g. 30 minutes = 1; 1 hour = 2; 1:30 = 3, etc. Inspections to be billed will be indicated below.

CLASS	1	2	3	4	5	6	8	9	Z	Total
SOLID		■	■							■
LIQUID		■		■						■
GAS	■		■	■	■	■	■	■		■
TOTAL										

TIME						NO FE
DATE	3/31/00					
BILL? Y/N						
OCC INIT						

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

An inspection to determine whether or not you have complied with this notice will be conducted on or after 40 days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

X Ron Wild
Occupant

X Mike Randolph
Inspecting Officer (Print Name, Assignment)

X Mike Randolph
Inspecting Officer (Signature)

525 Del Rey Avenue

EzC, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-003 **Client Sample ID:** A-1-1

Sample Time: 9:25 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	6.3		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

525 Del Rey Avenue

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Project Number: 1473SCOL
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-006 **Client Sample ID:** A-6-1

Sample Time: 10:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	8.3	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-007 **Client Sample ID:** A-3-1

Sample Time: 10:30 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	8.7	1			STU	4/24/00	SPH000424	EPA 9045C

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Project Number: 1475.CC1
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-001 **Client Sample ID:** A-5-1
Sample Time: 8:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.4	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-002 **Client Sample ID:** A-2-1
Sample Time: 9:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	7.7	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-003 **Client Sample ID:** A-4-1
Sample Time: 9:25 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.0	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-004 **Client Sample ID:** A-1-1
Sample Time: 9:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.6	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 **Lab Sample ID:** 20137-005 **Client Sample ID:** A-7-1
Sample Time: 9:55 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.2	1			STU	4/24/00	SPH000424	EPA 9045C

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

June 27, 2000

Ms. Nicole Pullman
Santa Clara County Environmental Health
Hazardous Materials Compliance Division
2220 Moorpark Ave, East Wing, Room 204
San Jose, CA 95128-2690

Subject: MagePower Facility Closure

Dear Nicole:

Integrated Engineering Services (IES) and R&S Technology were contracted by General Bank to complete facility closure activities at MagePower located at 2150 Commerce Drive in San Jose.

MagePower ceased operation at the facilities in spring of 1999 and the final closure walkthrough of the facilities was performed on June 8, 2000 by the San Jose Fire Department and on June 14, 2000 by the Santa Clara County Health Department, Environmental Division for the PBR closure. A copy of the Post-Closure Report is enclosed. Section 3.4 includes closure activities and sampling associated with closing the PBR-permitted ANS.

Please cancel all permits associated with this facility that may still be active with your agency. There is no forwarding address for this company. Should you have any questions, please contact Rudy Gonzalez at (408) 980-1613 or Jeff Tarter at (408) 321-0810.

Sincerely,

Sue H. Saso
Hazardous Materials Consultant

780 Charcot Ave. • San Jose, CA 95131
Phone (408) 321-0810 • Fax (408) 321-0814 • E-mail: ies@intengr.com

Integrated Engineering Services

RECEIVED BY
ENVIRONMENTAL HEALTH
HMCD

JUL 10 3 59 PM '00

LETTER OF TRANSMITTAL

TO: Nicole Pulman
DATE: 7/10/00
COMPANY NAME: Co Santa Clara
IES PROJ. NO.:
ADDRESS: 2220 Moorpark Ave East Wing Rm 204
PROJECT NAME: Mage Power
CITY: San Jose STATE: CA
LOCATION:
ZIP CODE 95128

If you have not received the materials listed below, please contact us.

These are transmitted for:

[ ] Attached
[ ] Shop Drawings
[ ] Prints
[X] Documents
[ ] Specifications
[ ] Under Separate Cover Via
[ ] Drawings
[ ] Catalogs
[ ] Copy of Letter
[ ] Proposal
[ ] Your Use
[ ] Approval
[ ] As Requested
[ ] Review and Return
[ ] OTHER

Copies	Date	Item
1	7/10/00	Mage Power professional engineer Certification

Remarks: per your request, please insert into the Mage Power Closure

Received by:

SENT BY: Jeff Tarter
TELEPHONE: (408) 321-0810 ext 210

F:\IES\LIBRARY\PROJECTS\Transmittal form.doc

780 Charcot Ave. * San Jose, California 95131
Phone: (408) 321-0810 * FAX: (408) 321-0814

Integrated
Engineering
Services

Closure Certification

I have reviewed the closure plan and subsequent closure report prepared for the Fixed Treatment Unit (TT1512) Permit #SR 0801123, PE 2338 at Mage Power 2150 Commerce Drive, San Jose. The closure has been conducted in accordance with the approved closure plan.

Rizik Michael, P.E.
Principal, Mechanical Engineer

JULY 10, 2000
Date

780 Charcot Ave. • San Jose, CA 95131
Phone (408) 321-0810 • Fax (408) 321-0814 • E-mail ies@intengr.com

Facility Post-Closure Report
for
MagePower
2150 Commerce Drive
San Jose, CA

Prepared by:
Integrated Engineering Services
780 Charcot Ave
San Jose, CA 95131
(408) 321-0810
June 27, 2000

Facility Post-Closure Plan

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Section 2.0 Facility Closure

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  - 3.2.1 Non-Hazardous Gas Lines: N_2, Ar, O_2, He, CDA
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  - 3.2.3 Flammable and Non-Hazardous Gas Storage Cabinets and Ducting
- 3.3 Wet Processing/Fab Chemical Sinks and Floors
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Exhibit 5.2	Rinsate pH Samples for Flammable and Toxic Gas Cabinets; Metals Recycler Receipt for Non-Hazardous Stainless Steel Waste
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Exhibit 5.6	pH, Fluoride and Soil Sample Results of the Chemical Trenches per the San Jose Fire Department
Exhibit 5.7	Copy of All Hazardous Waste Manifests and Backup Data Referenced in this Report
Exhibit 5.8	Manifests for Chemicals Used in the DI Water System and Contaminated Resin Beads; pH Samples of the Bulk Chemical Storage Tanks
Exhibit 5.9	Manifest for Arsenic Bead Blast Room Waste and Wipe Sample Results
Exhibit 6.0	Core Soil Samples of ANS per SCCHD
Exhibit 7.0	Permit Closure Letters to Regulatory Agencies

1.0 Background

The MagePower, Inc. facility (MagePower) is located at 2150 Commerce Drive in San Jose. The facility is approximately 60,000 sq. ft. MagePower was a semiconductor company that made integrated circuits on silicon wafers. MagePower went out of business in early 1999 and is currently owned by General Bank located at 4128 Temple City Boulevard in Rosemead, California.

2.0 Facility Closure

Facility closure began on March 9, 2000. All decontamination work, including removal of hazardous substances and waste from the facility, per the Facility Closure Plan was performed by R&S Technology (R&S), a licensed hazardous substance and remediation contractor. Facility closure activities were completed on June 16, 2000.

3.0 Closure of Hazardous Materials Areas

The following describes the closure activities performed in each area concerning hazardous materials and processes as written in the Facility Closure Plan.

3.1 Scrubber and Guardian IV Thermal Oxidizer Duct Removal and Decontamination

The packed-bed scrubber was used to abate emissions from wet sinks containing corrosive baths. Most of the contaminated scrubber ducting and scrubber media was removed and decontaminated by washing with TSP. Some of the scrubber ducting and was discarded as hazardous waste under manifest (**Exhibit 5.1B**). The scrubber, media and ducting rinsate was sampled for pH and discarded down the sanitary sewer. **Exhibit 5.1C** presents the pH data.

The scrubber has been turned off, unhooked and left in place. The cleaned ducting was discarded as non-hazardous waste.

The thermal oxidizer piping was removed, drummed and shipped offsite as Arsine and Phosphine-containing hazardous waste (see **Exhibit 5.1A** for Manifest). The thermal oxidizer was removed and sold.

3.2 Gas Equipment Decontamination and Sampling

3.2.1 Non-Hazardous Gas Lines: N_2, Ar, O_2, He, CDA

The non-hazardous gas lines, including hydrogen gas lines, were purged, the valves closed, and the pipes disconnected and capped. They have been left in place for future use.

3.2.2 Toxic, Pyrophoric, and Poisonous Compressed Gas Lines and Storage

The toxic, pyrophoric and poisonous gas lines were purged with inert gas, pumped down to vacuum, and the existing valves shut off by former MagePower personnel prior to vacating the building. The gas cylinders were returned to the original vendors. The large, bulk gas tanks in the parking lot were drained and closed by Praxair.

All toxic, pyrophoric, and poisonous compressed gas lines were removed and shipped offsite as hazardous waste under Manifest (see **Exhibit 5.1A**).

The flammable and toxic gas cabinets onsite were pressure washed and wiped down. The rinsate was sampled for pH and discarded via the sanitary sewer (see **Exhibits 5.2.2** and **5.2.3A**). The cleaned cabinets were returned to Semiware Incorporated for resale.

3.2.3 Flammable and Non-Hazardous Gas Storage Cabinets and Ducting

As mentioned in Section 3.2.2 all contaminated flammable gas ducting and piping (excluding hydrogen as discussed in Section 3.2.1) has been purged and shipped offsite as hydrocarbon-containing hazardous waste (see Manifest in **Exhibit 5.1A**). The non-hazardous stainless steel piping was sent to a metals recycler (see **Exhibit 5.2.3B** for Recycler receipts).

The Valve Manifold Boxes (VMB's), Fiberglass Reinforced Pipe (FRP), stainless steel vents and exhaust ducting and piping from each cabinet up to the main exhaust branch were disconnected and shipped off-site as hazardous waste (see Manifest in **Exhibit 5.1A**). The VMBs were classified as arsenic and phosphine-containing hazardous waste and the rest was classified as silicon dioxide-containing hazardous waste.

See Section 3.2.2 for decontamination of flammable cabinets.

3.3 Wet Processing/Fab Chemical Sinks and Floors

The five (5) chemical sinks left onsite in the Fab were contaminated with corrosives. The sinks, exhaust ducting and inner tanks as well as floors and walls were decontaminated by pressure washing and removed from the site. The rinsate from each section was sampled for pH (see **Exhibit 5.3.3**) to render the equipment non-hazardous. The sinks were returned to Semiware Incorporated for resale and the ducting was discarded as non-hazardous waste in the BFI dumpster. The acid drain lines connectetd to the ANS were decontaminated with TSP and the rinsates were sampled for pH (see **Exhibit 5.3.2**).

Additionally, 2 FSC chemical etchers were drained of chemicals and decontaminated by pressure washing. The chemicals were shipped offsite as hazardous waste (see Manifest in **Exhibit 5.3.1**) and the rinsate was sampled for pH (see **Exhibit 5.3.3**). The etchers were sent to Semitool for resale.

The electrical, water, CDA/Nitrogen, ducting, and piping to each sink was disconnected by former MagePower personnel.

The corroded floors, wallboards, metal conduit, unistruts and supports associated with the chemical sinks were removed and shipped offsite as hazardous waste under Manifest (see **Exhibit 5.1 B.1**). The floors and walls and trenches were then cleaned and stripped with Simple Green commercial cleaner and pressure washed with water. The rinsate was pH sampled and discarded via the sanitary sewer (see **Exhibit 5.3.4** for pH results).

3.4 Acid Neutralization System (ANS)

All liquid present in the secondary containment vault (rainwater) was pumped into the primary ANS tank. The secondary containment vault, grates, valves and injection pumps were pressure washed and pH tested. All piping and chemical delivery lines were purged and neutralized (drains will be left in place for future re-use). The primary ANS tank was

also decontaminated. The rinsates from the secondary containment vault and tanks were pH sampled (see **Exhibit 5.4.1**) and discarded down the sanitary sewer.

The chemical feed tanks (sulfuric acid and sodium hydroxide) were drained and decontaminated and the chemicals shipped offsite as hazardous waste (see **Exhibit 5.3.1** and **5.4.4**). The original owners of the tanks, Pressure Vessel Corporation, reclaimed ownership and removed them from the site to their facility.

The Hydrofluoric Acid (HF) treatment system, including the reagent tanks and filter press, were decontaminated. The chemicals and rinsates from cleaning these tanks as well as any sludge was drummed and shipped offsite as hazardous waste (see **Exhibit 5.3.1**). The HF holding tank, the calcium fluoride tank, and HF waste flocculation tank and HF filter press were all tested for pH and fluorides to determine if they could be left onsite.

The sample results indicated that the 2 – 350 gallon HF treatment and flocculation tanks had elevated fluorine residue levels. Per the PBR closure inspection by Nicole Pullman of the Santa Clara County Health Department, Environmental Division (see **Exhibit 5.4.5** for copy of inspection) they were cut up and shipped offsite as hazardous waste (see **Exhibit 5.4.2B** for pH results and **Exhibit 5.4.3** for fluoride wipe sample results).

The core sample results from inside the ANS vault per Nicole Pullman of the Santa Clara County Health Department, Environmental Division for PBR closure compliance are in **Exhibit 6**. The VOCs are all non-detect and the soluble metal concentrations are all below the STLCs.

The ANS effluent pipe to the POTW was cut, capped and made inaccessible to the sanitary sewer. It is the responsibility of the future owner to obtain a permit to put the ANS back into service.

All PPE used in the decontamination of these tanks and equipment were drummed and shipped offsite as hazardous waste (see Manifest in **Exhibit 5.1.B1**).

The Acid Neutralization System is a PBR-permitted unit and was closed per DTSC and the Santa Clara County Health Department requirements (see **Exhibit 5.4.5** for PBR closure inspections by the Santa Clara County Health Department).

3.5 Exterior Hazardous Materials/Waste Storage Areas

Any remaining chemicals in the Hazardous Materials/Waste Storage Areas (i.e., pump oils, solvents, etc.) and inside the building were drummed and shipped offsite as hazardous waste (see Manifest in **Exhibit 5.5.1**). The interior walls and floors of the storage areas were then pressure washed with Simple Clean. The associated trenches were vacuumed and scrubbed with Simple Green and water as well. The pH from the rinsates are documented in **Exhibit 5.5.2** and discarded down the sanitary sewer.

3.6 Chemical Waste Trenches and Piping

Chloromethane 6.3 ug/kg

The trenches, grates and acid drain piping in the trenches were decontaminated inside the Fab/building by pressure washing with TSP. They were sampled for pH (see **Exhibit 5.6.1**).

The trenches were inspected by Mike Randolph of the San Jose Fire Department/HazMat Division. He requested that seven (7) core samples be taken in the trench and analyzed

for pH, fluorides and volatile organic compounds contamination. The sample results and map of sample locations are presented in **Exhibit 5.6.2**. The pH and Fluoride sample results indicate that the trenches have been sufficiently decontaminated; the analytical results of the soil samples taken below the trenches indicate they are non-hazardous.

3.7 New and Bulk Chemical Disposal

As discussed in Section 3.5, all unused chemicals left in the facility when R&S Technology's services were contracted were drummed and shipped offsite as hazardous waste under Manifest (see **Exhibit 5.7** for all hazardous waste manifests). There were no acetylene cylinders found in the building.

3.8 DI Water System

The sixty (60) mixed bed cylinders were removed offsite by Ionics Ultrapure Water Corporation for regeneration and reuse (**Exhibit 5.8.1**). The contaminated epoxy beads were drummed into 55 gallon drums and shipped offsite as hazardous waste under Manifest (see **Exhibit 5.8.2**). The chemicals used on the DI water system and in the cooling towers (such as corrosion inhibitors and biocides) were also discarded as hazardous waste under Manifest (see **Exhibit 5.8.3**). The tanks were all decontaminated; the rinsates were pH sampled (see **Exhibit 5.8.4**) and discarded via the sanitary sewer. The tanks were capped and remain onsite.

3.9 Arsenic Room

The bead blaster was sold by Semiware Incorporated. Everything in the room, including the arsenic beads, workbench, hood, racks, boxes, tools, ceiling tiles, exhaust duct, etc. were shipped offsite as hazardous waste. The floors were then vacuumed using HEPA filters and the floors and walls were wiped with Simple Green. All PPE and equipment used to clean this room were drummed and shipped offsite as hazardous waste (see **Exhibit 5.9.1** for Manifest associated with cleaning the Arsenic Room).

Per Mike Randolph of the San Jose Fire Department, Hazardous Mateials Compliance, arsenic wipe samples were taken in this room. The analytical results indicate de minimis concentrations of arsenic measured in micrograms per wipe are presented in **Exhibit 5.9.2**.

3.10 Emergency Diesel Generator

As discussed in the Emergency Generator Closure Plan submitted to the San Jose Fire Department, 125 gallons of diesel fuel was drained from the generator. The 125 gallons plus an additional 55 gallon drum of diesel fuel was used by R&S Technology in R&S vehicles. The vent was left open. The San Jose Fire Department inspected the tank and R&S Technology verified that the vapors within the tank did not exceed 20% of the LEL. Thus, the tank is considered closed per the San Jose Fire Department's Aboveground Tank Closure Guidelines and will remain onsite.

4.0 General Site Clean-up Activities

The sprinkler system, cooling towers, HVAC and the utility systems (i.e., water, power and gas) will remain intact at the facility. However, the sprinkler heads in areas where hazardous vapors were generated were removed from the main sprinkler pipe and shipped offsite as hazardous waste (see Manifest in **Exhibit 5.1 B.1**).

5.0 Materials Disposition

All rinsates generated during decontamination were sampled for pH prior to discharge. All hazardous waste was shipped offsite under Manifest and the Manifests are presented throughout the report as well as in **Exhibit 5.7**. All non-hazardous stainless steel piping was shipped to a metals recycling facility.

6.0 Additional Sampling

Sampling was conducted in the ANS and HF Treatment System for PBR closure purposes as discussed in Section 3.4 and results are presented in **Exhibit 6.0**. No additional sampling was required.

7.0 Post-Closure Report

The report has been submitted within 30 day of the completed facility closure and thus concludes closure of the MagePower facility. Permit closure letters have been sent to the BAAQMD, SJ/SC Water Pollution Control Plant, DTSC and the Santa Clara County Health Department (See **Exhibit 7.0**). The closure inspection by the San Jose Fire Department is also presented in **Exhibit 7.0**.

Exhibit 5.1 A

Burn Box Piping

Hazardous Waste Disposal Manifest

Number 99147829, Line # 11 b

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99147829

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No. CAD980817753 — Manifest Document No 44889 — 2 Page 1 of 1 — Information in the shaded areas is not required by Federal law

GENERATOR

3 Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133

4 Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A State Manifest Document Number: 99147829

B State Generator's ID: EXEMPT

C State Transporter's ID (Reserved)

D Transporter's Phone: (408) 363-1660

E State Transporter's ID (Reserved)

F Transporter's Phone: (408) 363-1660

5 Transporter 1 Company Name: All Chemical Disposal, Inc.
6 US EPA ID Number: CAD982492399

7 Transporter 2 Company Name: All Chemical Disposal, Inc.
8 US EPA ID Number: CAD982492399

9 Designated Facility Name and Site Address
Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239

10 US EPA ID Number: CAT000646117

G State Facility's ID

H Facility's Phone: (559) 386-9711

11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14 Unit Wt/Vol	Waste Number
a Hazardous Waste Solid, N.O.S. (Contains Arsenic) 9 NA3077 PG III	014	DM	04800 (EST)	P	State 352 EPA/Other D004
b NON-RCRA Hazardous Waste Solid	004	DM	00800 (EST)	P	State 352 EPA/Other NON-RCRA
c					State EPA/Other
d.					State EPA/Other

J Additional Descriptions for Materials Listed Above
11a EPIC-001-024 (CONAZ-55)
11b EPIC-025-028 (CONAZ 55)

K Handling Codes for Wastes Listed Above
a.
b.
c.

15. Special Handling Instructions and Additional Information
11a: EA07351
11b: EA07352

Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford

X Printed/Typed Name: Kris Wild for: Mage Power — Signature: X Kris Wild — Month 05 Day 24 Year 00

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: Andrew D. Chaney for: All Chemical Disposal, Inc. — Signature: Andrew D. Chaney — Month 05 Day 24 Year 00

18 Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: for: All Chemical Disposal, Inc. — Signature — Month Day Year

FACILITY

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name — Signature — Month Day Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Blue To. GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
P O Box 400, Sacramento, CA 95812-0400

Exhibit 5.1 B.1

Scrubber Ducting

Hazardous Waste Disposal Manifest

Number 99147877, Line # 11 a

Forty Yard Hazardous Waste Dumpster

State of California—Environmental Protection Agency
Form Approved OMB No 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

99147877

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C A 0 9 8 0 8 1 7 7 5 3 | Manifest Document No. 4 4 8 8 9 | 2 Page 1 of 1 | Information in the shaded areas is not required by Federal law

GENERATOR

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 99147877
B. State Generator's ID: EXEMPT
C. State Transporter's ID (Reserved):
D. Transporter's Phone: (408) 369-1660
E. State Transporter's ID (Reserved):
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: (559) 386-9711

5. Transporter 1 Company Name: All Chemical Disposal, Inc.
6. US EPA ID Number: C A D 0 9 8 2 4 9 2 3 9 9
7. Transporter 2 Company Name:
8. US EPA ID Number:

9. Designated Facility Name and Site Address
Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239
10. US EPA ID Number: C A T 0 0 0 6 4 6 1 1 7

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Non-RCRA Hazardous Waste Solid, (Demo Debris)	001	CM	00440	T K	State: 181 EPA/Other: None
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above: a. b. c. d.

15. Special Handling Instructions and Additional Information
11a: EA0638
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133
BIN # 3 NO 295

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
RUDY GONZALEZ for: Mage Power		06	12	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL COMES for: All Chemical Disposal, Inc.		06	12	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Yellow. GENERATOR RETAINS

Exhibit 5.1 B.2

Scrubber Ducting

Hazardous Waste Profile Sheet

Number EA 0638

Forty Yard Hazardous Waste Dumpster

Chemical Waste Management, Inc.

GENERATOR'S WASTE PROFILE SHEET

EA 0638 Profile #

(Please carefully read the instructions before completing this form. Please print in ink or type)

Sales #

vice Agreement on file? Yes ☐ No ☐ Classification: Class I ☐ Class II ☐ Daily Cover ☐ Non Haz. ☐

TSDF requested _____ Technology requested _____

☐ Check here if this is a Recertification ☐ Check here if a Certificate of Destruction or Disposal is required

GENERAL INFORMATION

1. GENERATOR NAME: Mage Power Generator USEPA ID: CAC002248993 ~~CAD980817752~~
2. Generator Address: 2150 Commerce Drive San Jose CA 95133 Billing Address: ☐ Same All Chemical Disposal. Inc. 21 Great Oaks Blvd. San Jose. CA 95119
3. Technical Contact/Phone: Mark Navratil (408) 363-1660
4. Alternate Contact/Phone: Shawn Moudy (408) 363-1660 Billing Contact/Phone: Shawn Moudy (408) 363-1660

PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: Facility Closure
   B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ✱ Location Name: _____
6. Waste Name: DEMO DEBRIS
7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☐ No ✱
   B. If D001, D002, D003, D004-D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☐ (if yes, attach UHC form)
   C. Does this waste contain debris (List size and type in chemical composition)? Yes ✱ No ☐
   D. Identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U): NON-RCRA State Waste Codes: 181
8. E. Does this waste contain any Class I or Class II ozone depleting substances? ☐ Yes (List in chemical composition) ✱ No
9. Physical state @ 70°F: A. Solid ✱ Liquid ☐ Both ☐ Gas ☐ B. Single Layer ☐ Multilayer ☐ C. Free Liquid range 0 to 0 %
10. A. pH: Range _____ to _____ or Not applicable ✱ B. Strong Odor ☐: describe _____ C. Color VARIES
11. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ > 200°F ☐ N.A ✱
12. CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis.

Constituents	Range	Units	Constituents	Range	Units
DUCTING, PLASTIC, PPE, WIRES, RAGS, WOOD, S.S., FRP	99-100	%			
SILICON DIOXIDE	<1	%			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

13. OTHER PCB's: if yes, concentration (dry weight) _____ ppm, PCB's regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐ Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other _____
14. If Benzene, concentration _____ ppm. Is the waste subject to the Benzene Waste Operation NESHAP? Yes ☐ No ☐ Unknown ☐
15. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ✱ Volatile organic concentration, if known _____ ppmw.
16. If the waste is subject to the land ban and meets the treatment standards, check here: ____ and supply analytical results.

SHIPPING INFORMATION

17. PACKAGING: Bulk Solid ✱ Type/Size: 40CyBin Bulk Liquid ☐ Type/Size _____ Drum ☐ Type/Size _____ Other _____
18. SHIPPING FREQUENCY: Units _____ Per: ☐ Month ☐ Qtr. ☐ Year ✱ One Time ☐ Other _____

SAMPLING INFORMATION

19. A. Sample source (drum, lagoon, pond, tank, vat, etc.)
    Date Sampled: _____ Sampler's Name/Company: _____
    B Generator's Agent Supervision Sampling _____ 19. No sample required (See instructions)

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary

Nathan P Cooper — NATHAN P COOPER — 05/30/00

Signature — Printed (or typed) name and title — Date

If the waste profile is approved, Chemical Waste Management, Inc. has the appropriate permits and will accept the waste pursuant to our agreement. CWM Form 6000-DI replaces the following forms: CWM-51, CWM 6000, CWM 50-A-2, CWM 50-B, CWM 6000C AND CWM Form 6000-D.

EXHIBIT 5.1C

Fume Scrubber Rinsate pH = 9

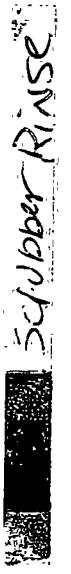


Exhibit 5.2

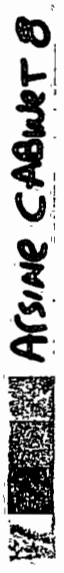
EXHIBIT 5.2.2

Gas Cabinet Rinsates

pH = 8

Leaker

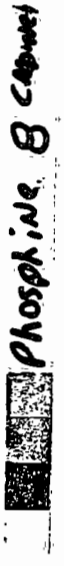
Cabinet



pH = 8

Arsine

Cabinet



pH = 8

Phosphine

Cabinet

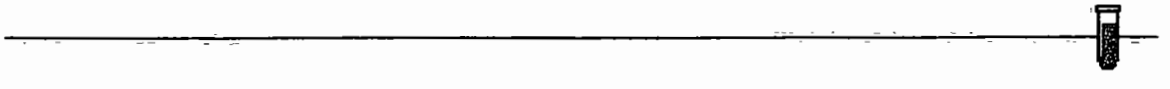
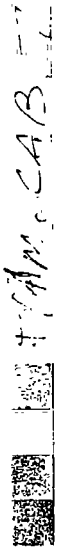


EXHIBIT 5.2.3A

Flammables Cabinet & Ducting Rinsates



pH = 7

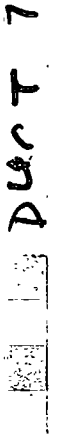
Flammables

Cabinet #1

pH = 7

Flammables

Cabinet #2



pH = 7

Ducting

Rinsate

EXHIBIT 5.2.3B

Recycling Specialists, Inc. Receipt

2000 lbs. Of Stainless Steel

BUYER:
RECYCLING SPECIALISTS, INC.
1720 Old Bayshore Highway
San Jose CA 95112
(408) 437 - 7553
FAX (408) 437 - 9440

OPEN MON. THRU FRI 7:00 AM TO 5:00 PM
SAT. 7:00 AM TO 12:00 (NOON)
SUNDAY CLOSED

CERTIFICATE NUMBER 124675

CHARGE
CASH

TRUCK LICENSE

PASS 1 TRAILER LICENSE 5P22814

DEPUTY WEIGHTMASTER

DATE 7-00 TIME 11:09 AM

5780 lb
3780 lb
2000 lb

(MAGE POWER)

CUSTOMER R+S Technology, Inc

ADDRESS 3283 De La Cruz Blvd. # D

CITY Santa Clara STATE Ca ZIP 95054 x Rudy Gonzalez

AMOUNT RECEIVED 500.00

lb GROSS
lb. TARE
lb. Net @ _____ LBS
@ _____ TON

PAYMENT RECEIVED BY

$ PER LB	GRADE	GROSS IN LBS.	TARE IN LBS.	NET IN LBS.	$ PER LB	GRADE	GROSS IN LBS.	TARE IN LBS.	NET IN LBS.	$ PER LB	GRADE	GROSS IN LBS.	TARE IN LBS.	NET IN LBS.
	OCC					YEL. BRASS					CAST			
	WHT LED					RED BRASS					O.S			
	CPO					RADIATORS					I.R.			
	NEWS					AC RAD					ICW #1			
	TIN					LEAD					ICW #2			
	STEEL					PC BDS					COPPER			
25	S. STEEL			2000		ALUM					B.S			
	LG					CLIP					#1			
	OTHER					OTHER					#2			

ALUMINUM CANS				GLASS				PLASTICS			
BASES	GROSS	TARE	NET	BASES	GROSS	TARE	NET	BASES	GROSS	TARE	
$	lb			S	C			S	C		
LESS MOIST DEDUCTION		ADJUSTED RATE		LESS MOIST DEDUCTION		ADJUSTED RATE		LESS MOIST DEDUCTION		ADJUSTED RATE	
REFUND RATE		REFUND VALUE		REFUND RATE		REFUND VALUE		REFUND RATE		REFUND VALUE	
75.25											
SCRAP RATE		SCRAP VALUE		SCRAP RATE		SCRAP VALUE		SCRAP RATE		SCRAP VALUE	
37.25											
PRICE PER LB.				PRICE PER LB.				PRICE PER LB.			
.715											
TOTALS				TOTALS				TOTALS			

WEIGHTMASTER CERTIFICATE THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

CUSTOMER COPY

I.D. NO. RO 76879

CERT # RC 3368

EXHIBIT 5.2.3C

R & S Technology, Inc. Decon

Sticker

R & S TECHNOLOGY INC. (408) 980-1613
Cleaned By _____
Date _____
Serial # _____
CA Contractors License #722781
Hazardous Substance Removal #A-7193

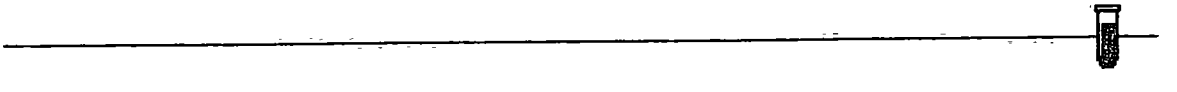


Exhibit 5.3

Exhibit 5.3.1

Corrosives Manifest # 99147828

11 d

(Acid Rinsate Waste)

RQ Waste Corrosive Liquids, Acidic, Inorganic, N.O.S.

(Contains Hydrofluoric Acid and Nitric Acid)

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD980817753 | Manifest Document No: 44889 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 99147828
B. State Generator's ID: EXEMPT
C. State Transporter's ID (Reserved):
D. Transporter's Phone: (408)363-1660
E. State Transporter's ID (Reserved):
F. Transporter's Phone: (408)363-1660
G. State Facility's ID:
H. Facility's Phone: (310)835-0775

5. Transporter 1 Company Name: All Chemical Disposal, Inc. | 6. US EPA ID Number: CAD982448282
7. Transporter 2 Company Name: All Chemical Disposal, Inc. | 8. US EPA ID Number: CAD982448282
9. Designated Facility Name and Site Address: Ensco West, Incorporated, 1737 E. Denni St., Wilmington, CA 90744 | 10. US EPA ID Number: CAD041491005

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Number
a. Waste Sodium Hydroxide Solution 8 UN1824 PG II	029	DF	01450 (EST)	G	State 122 EPA/Other D002
b. RQ, Waste Corrosive Liquids, Acidic, Inorganic, N.O.S. (Contains Hydrofluoric acid and Ammonium Bifluoride) 8 UN3264 PG II	0117	DF	00185 (EST)	G	State 791 EPA/Other D002
c. Waste Sulfuric acid 8 UN1830 PG II	0015	DF	00215 (EST)	G	State 134 EPA/Other D002
RQ Waste Corrosive Liquids, Acidic, Inorganic, N.O.S. (Contains Hydrofluoric acid and Nitric acid) 8 UN3264 PG II	0001	DF	00050 (EST)	G	State 791 EPA/Other D002

J. Additional Descriptions for Materials Listed Above
IIa: CAL-PEN: 001-029 UNIH1-55
IIb: INTEC: 030-049 UNIH1-55
IIc: MREW: 043-052 UNIH1-55
IId: MREW: 053

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
IIa: 1310963 IId: 1310966
IIb: 1310961
IIc: 1310962

Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
X for: Mage Power Kris Wild	X	1	21	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc. Andrea D. Chavez		05	24	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for:				

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99147828

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

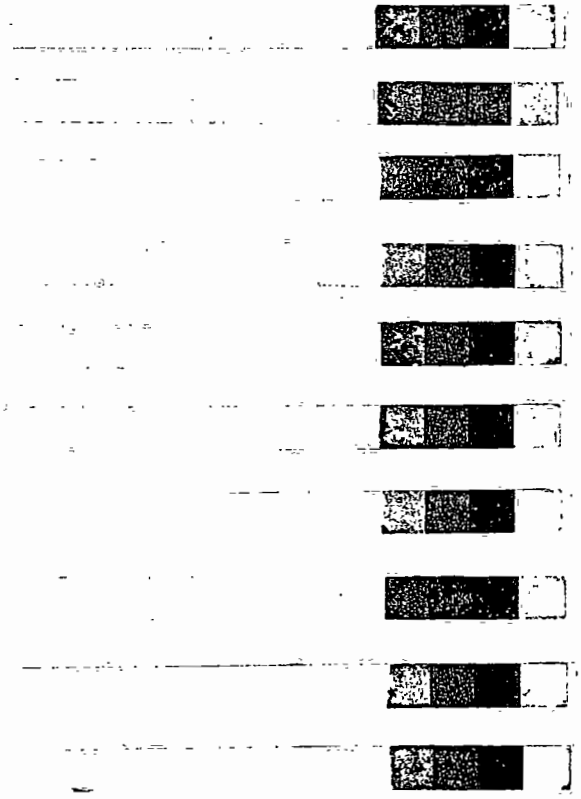
Yellow GENERATOR RETAINS

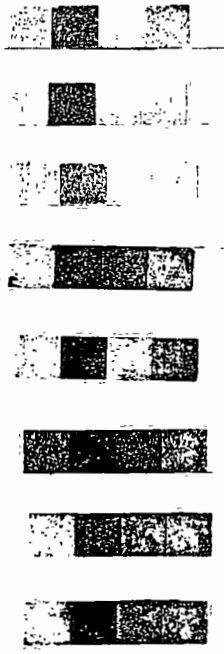
Exhibit 5.3.2

Acid Waste Neutralization (AWN)

Drain Pipe Decontamination

pH Documentation





7/8

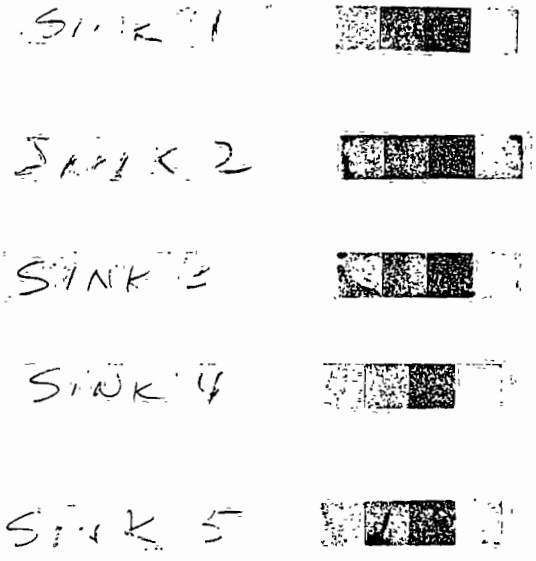
9/10

Exhibit 5.3.3

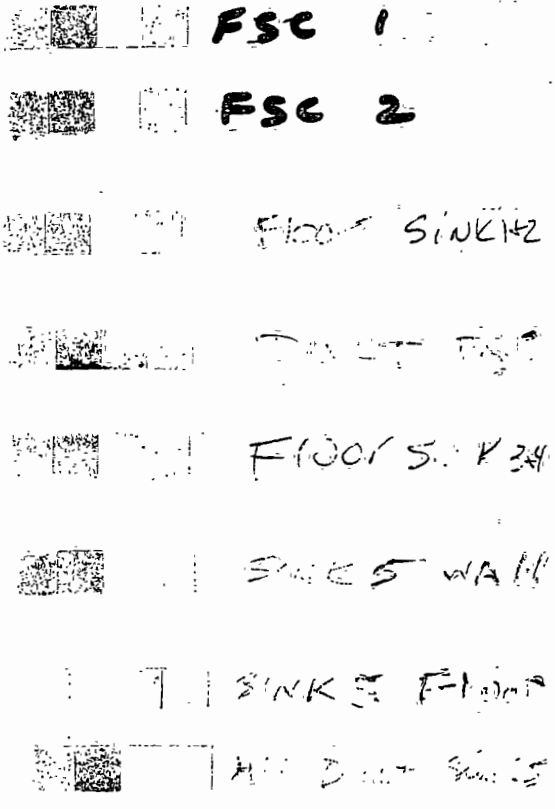
Acid Sinks & Wet Processors

Decontamination

pH Documentation



pH=7&8

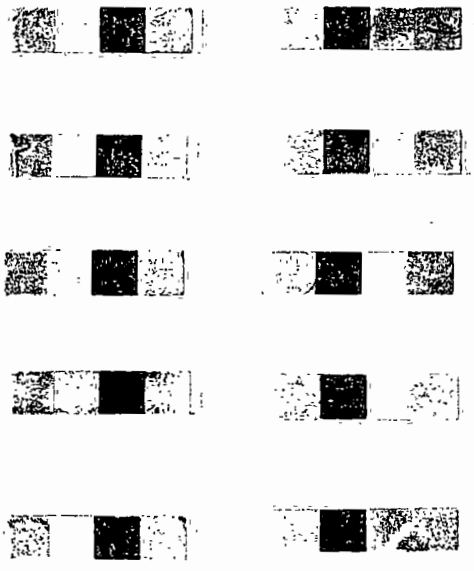


pH=5&6

Exhibit 5.3.4

'pH Sampling Documentation

Fab Area Floors & Outside Storage Areas



'pH = 9 in all Rinsates

Exhibit 5.4

Exhibit 5.4.1

Acid Neutralization System and HF Treatment Vaults

pH samples of (Rain) Water

in Secondary Containment

pH = 7 Vault #1 AWN

pH = 7 Vault #2 HF

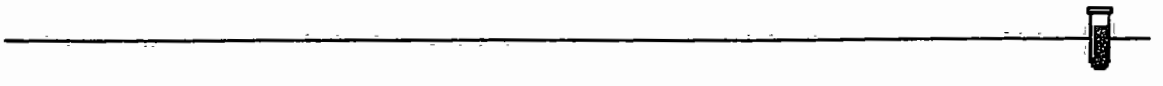


EXHIBIT 5.4.2A

Four pick-ups @ 40 Yards of debris Each

DATE	DOC. REF. NO	DESCRIPTION	AMOUNT
SERVICE LOCATION 100: R & S TECHNOLOGY<<CST/TMP>> 2150 COMMERCE DR SAN JOSE CA			
06/08/00	2	ON CALL PICKUP/HAUL	
		LOCATION TOTAL	499.00
			499.00

DOC. REF. NO	DESCRIPTION	AMOUNT
LOCATION 100: R & S TECHNOLOGY<<CST/TMP>> 2150 COMMERCE DR SAN JOSE CA		
05/24/00 10	ON CALL PICKUP/HAUL	
	LOCATION TOTAL	499.00
		499.00

DATE	DOC. REF. NO	DESCRIPTION	AMOUNT
SERVICE LOCATION 100: R & S TECHNOLOGY<<CST/TMP>> 2150 COMMERCE DR SAN JOSE CA			
05/11/00	8	ON CALL PICKUP/HAUL	
		LOCATION TOTAL	499.00
CURR MO AMT		INVOICE TOTAL	

DATE	DOC. REF. NO	DESCRIPTION	AMOUNT
SERVICE LOCATION 100: R & S TECHNOLOGY<<CST/TMP>> 2150 COMMERCE DR SAN JOSE CA			
04/28/00	1	ON CALL PICKUP/HAUL	499.00
		UNLESS/20/00	499.00

ACCOUNT NUMBER	INVOICE NUMBER	INVOICE AMOUNT	INVOICE DATE	BALANCE DUE
1998806	05000-0153	499.00	05/08/00	624.00

Payments and Charges Made After Due Date Will Appear On Next Statement/Invoice

PLEASE RETAIN THIS PORTION FOR YOUR RECORDS

BFI

MAKE CHECKS PAYABLE TO:

BROWNING-FERRIS INDUSTRIES OF CALIFORNIA, INC.
SANTA CLARA COUNTY DISTRICT
PO BOX 78017
PHOENIX AZ 85062-8017

(408) 432-1234

V702 (5/97)

Recycled Paper

Exhibit 5.4.2B

pH Documentation of Calcium Fluoride

Piping Feeding HF Press

pH = 7	pH = 7	pH = 7	pH = 7
HF Press Pump	HF Press Pipe	Calcium Fluoride Pipe	HF Press Interior

Exhibit 5.4.3

Wipe Sample Analysis for Arsenic and Fluoride

In Arsenic Rooms, HF Treatment Vault, and HF Press

By Columbia Analytical Services

Columbia Analytical Services INC.
An Employee-Owned Company

June 16, 2000 Service Request No.: S2001706

Mr. Rudy Gonzalez
R & S Technology, Inc.
3283 DeLa Cruz Blvd. #D
Santa Clara, CA 95054

RE: MagePower Closure

Dear Mr. Gonzalez:

Enclosed are the results of the sample(s) submitted to our laboratory on June 9, 2000. All analyses were performed in accordance with our laboratory's quality assurance program. Results are intended to be considered in their entirety and apply to the sample(s) analyzed. Columbia Analytical Services is not responsible for use of less than the complete report. Signature of this CAS Analytical Report confirms that pages 2 through 4, following, have been thoroughly reviewed and approved for release.

Columbia Analytical Services is certified for environmental analyses by the California Department of Health Services (certificate number: 2352, expiration: January 31, 2001).

If you have any questions, please call me at (408) 748-9700.

Respectfully submitted,

Columbia Analytical Services, Inc.

Bernadette Tronca

Peter Bins
Project Chemist

COLUMBIA ANALYTICAL SERVICES, Inc.
Acronyms

A2LA	American Association for Laboratory Accreditation
ASTM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client:	R&S Technology, Inc.	**Service Request:**	S2001706
Project:	MagePower Closure	**Date Collected:**	6/9/00
Sample Matrix:	Wipes	**Date Received:**	6/9/00

Fluoride

Prep Method:	NONE	Units:	ug/WIPE
Analysis Method:	340.2	Basis:	NA
Test Notes:			

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
#4 HF wall	S2001706-004	0.2	1	NA	6/13/00	6.7	
#5 HF Press	S2001706-005	0.2	1	NA	6/13/00	6.9	
#6 HF Floor	S2001706-006	0.2	5	NA	6/13/00	37	
Method Blank	S2001706-MB	0.2	1	NA	6/13/00	ND	

Approved By: _____ Date: 06/16/00

1A/020597p

CHAIN OF CUSTODY/LABORATORY ANALYSIS REPORT FORM

Columbia Analytical Services, Inc.
An Employee-Owned Company
3334 Victor Court • Santa Clara, CA 95054
(408) 748-9700 • FAX (408) 748-9860

SERVICE REQUEST NO. S2001706 P.O.# _____ PAGE 1 OF 1

PROJECT NAME MagePower AMM Closure
PROJECT MGR. Rudy Gonzalez
COMPANY R & S Technology, Inc.
ADDRESS 3283 De La Cruz Blvd. Ste D
Santa Clara, CA 95054 PHONE 980-1613
FAX 980-9417
SAMPLER'S SIGNATURE _____

ANALYSIS REQUESTED

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	HCl	HCl	HCl	NP	NP	NP	HCl	HNO_3	NP	H_2SO_4	NaOH	HCl	HCl				REMARKS
						Volatile Organics BY GCMS 624 ☐ 8240 ☐ 8260 ☐	Halogenated or Aromatic Volatiles 601/8010 ☐ 602/8020 ☐ 8021 ☐	TPH as Gas/BTEX ☐ TPH as Gas/BTEX/MTBE ☐	TPH as Diesel ☐ HBHC ☐	Base/Neu/Acid Organics / GCMS 625 ☐ 8270 ☐	Pesticides & PCBs 608/8082 ☐ Pesticides only 8081 ☐ PCBs 8082 ☐	TRPH - 418.1 ☐ Oil and Grease Method	Metals Indicate below Total ☐ Dissolved ☐	pH, Cond, Cl, SO_4, F, TDS, TSS Alk, NO_3, NO_2 (circle)	NH_3-N, COD, Total-P, TKN, TOC NO_3/NO_2, Phenols (circle)	Cyanide	ARSENIC ~~TOTAL~~	~~TOTAL~~ Hydrofluoric Acid					
#1 floor beadrm	6-8-00	11:42	1	(1)	1												X						wipe
#2 wall bead rm	6-8-00	12:03	2	(2)	1												X						wipe
#3 floor source	6-8-00	12:10	3	(3)	1												X						wipe
#4 HF WALL	6-9-00	7:10		(4)	1													X					wipe
#5 HF Press	6-9-00	7:15		(5)	1													X					wipe
#6 HF Floor	6-9-00	7:20 Am		(6)	1													X					wipe

RELINQUISHED BY:
Signature: Rudy Gonzalez
Printed Name: Rudy Gonzalez
Firm: R+S TECHNOLOGY INC CAS
Date/Time: 6-9-00 11:28Am

RECEIVED BY:
Signature: Joseph Machado
Printed Name: JOSEPH MACHADO
Firm: CAS
Date/Time: 6/9/00 1128

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

TURNAROUND REQUIREMENTS
___ 1 day ___ 2 day ___ 3 day
X 5 day ___ Other
___ Standard (10 working days)
Results Due 6/16/00

REPORT REQUIREMENTS
X I. Routine Report
___ II. Report (includes MS. MSD, as required, may be charged as samples)
___ III. Data Validation Report (includes All Raw Data)
___ MDLs/PQLs/Trace #
___ Electronic Data Deliverables

RELINQUISHED BY:
Signature
Printed Name
Firm
Date/Time

RECEIVED BY:
Signature
Printed Name
Firm
Date/Time

Shipped V[illegible] Tracking #

SAMPLE RECEIPT: Condition _____ Custody Seals _____

SPECIAL INSTRUCTIONS/COMMENTS:
Circle which metals are to be analyzed:
Metals: Al Sb Ba Be B Cd Ca Cr Co Cu Fe Mg Mn Mo Ni K Ag Na Sn V Zn
(As) Pb Se Tl Hg

R8|D2

Stora[illegible] COLD

*Will sample results be used in connection with drinking water regulations? ☐ Yes ☒ No If yes, you must so indicate by writing "DW" for each such sampl[illegible]

Exhibit 5.4.4

Corrosives Manifest # 99147917

Item 11b, Waste Sodium Hydroxide

Item 11c, Waste Sodium Hydroxide Sludge (Solid)

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.
CAD980817534	48899		

99147917

GENERATOR

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133

4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 99147917
B. State Generator's ID: EXEMPT
C. State Transporter's ID (Reserved)
D. Transporter Phone: (408)362-1660

5. Transporter 1 Company Name: All Chemical Disposal, Inc.
6. US EPA ID Number: CAD982492399

7. Transporter 2 Company Name: All Chemical Disposal, Inc.
8. US EPA ID Number: CAD982492399

E. State Transporter's ID (Reserved)
F. Transporter Phone: (408)362-1660

9. Designated Facility Name and Site Address
Ensco West, Incorporated
1737 E. Denni St.
Wilmington, CA 90744

10. US EPA ID Number: CAD044442985

G. State Facility's ID
H. Facility's Phone: (310)835-0775

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Numbers
a. WASTE Sulfuric acid, 8, UN1830, PG-II	002	DF	0115	G	State 791 EPA/Other D002
b. WASTE Corrosive solid, basic, inorganic, n.o.s., (Contains Sodium hydroxide and Potassium hydroxide), 8, UN3262, PG-II	007	DM	02455	P	State 181 EPA/Other None
c. WASTE CORROSIVE SOLID, BASIC, INORGANIC, N.O.S. (CONTAINS SODIUM HYDROXIDE, POTASSIUM HYDROXIDE), 8, UN3262, PG-II	004	DF	0145	P	State 181 EPA/Other None
d.					State EPA/Other

J. Additional Descriptions for Materials Listed Above
11a: 1310962
11b: 1311008
11c: 1310732

K. Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15. Special Handling Instructions and Additional Information
11a: 1310962
11b: 1311008
11c:

Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133
ERG #s 11a:137 11b:154 11c:154

16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

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Printed/Typed Name	Signature	Month	Day	Year
X Kris Wild for: Mage Power	Kris Wild	06	10	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.		06	10	00

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.				

FACILITY

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DTSC 8022A (1/99)
EPA 8700-22

Yellow GENERATOR RETAINS

Exhibit 5.4.5

AWN Inspection Reports from SJFD

AWN PBR Inspection Reports from SCCH

County of Santa Clara
Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division
2220 Moorpark Avenue, East Wing, Room 204
San Jose, California 95128-2690
(408) 299-6930 FAX 280-6479

Santa Clara County
Dept. of Environmental Health
HAZARDOUS MATERIALS COMPLIANCE DIV.
P.O. BOX 28070
SAN JOSE, CA 95159-8070

Facsimile Cover Sheet

To: Rudy Gonzales Of: R&S
Company or Department

From: Nicole Pullman Of: *Santa Clara County Environmental Resources Agency*
Department of Environmental Health - HMCD

Comments _____

NUMBER OF PAGES (Excluding this 1/2 page cover sheet): 1

Date: 6/8/00 Time: 1:15 a.m. / p.m.

If there is a problem in transmission or if all pages are not received, please call (408) 299 - 6930. Our fax number is (408) 280 - 6479.

County of Santa Clara

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

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

Santa Clara County Hazardous Materials Compliance Division
Tiered Permit ClosurePlan Approval Conditions

Date: 5/23/00 Page 1 of 2

Facility Name: MagePower SR# 0801123

Facility Address: 2150 Commerce Drive, San Jose, CA PE 2338

Contact: Sue Saso, Integrated Engineering Services, 780 Charcot Dr.., San Jose, CA

Phone: 408-321-0810, X 240

Santa Clara County Hazardous Materials Compliance Division (HMCD) has reviewed the closure plan submitted for the above referenced facility and approves the plan with the following conditions:

1. Plans must also be approved by:

   ☒ San Jose Fire Dept.

2. Contact HMCD a minimum of 48 hours in advance to schedule the following inspections:

   ☒ Sampling as required by the closure/sampling plan.
   ☒ Final walk through of tiered permit unit(s).

3. The following conditions must also be met for final approval:

   ☒ A fee of $88/hr (2-hr minimum) will be charged to cover closure plan and closure report review and facility walkthrough.

   ☒ In section 5.0, all waste treatment system tanks to be left in place shall be decontaminated per CCR Title 22, Division 4.5, Chapter 32 requirements. In addition to fluorides, the HF treatment system shall be tested for pH. Field sampling of decontaminated surfaces for pH is acceptable. Submit copies of TSDF-signed manifests for all rinseates, sludges, and equipment shipped offsite as hazardous waste.

Board of Supervisors: Michael M. Honda, Blanca Alvarado, Ron Gonzales, James T. Beall Jr., Dianne McKenna
County Executive: Richard Wittenberg

☒ In sections 6.0 (6.1-6.5), and 7.0 (7.1-7.2), provide a pH and fluoride sampling plan which shows locations of sampling and types of sampling that you will perform.(e.g. chip, core, rinseate, field pH). For soil and groundwater sampling, you can submit the portion of the sampling plan after we inspect the tanks and secondary containment for any cracks or defects but before you actually begin any required sampling. In addition to laboratory analysis, any field sampling results must be documented and submitted as part of your closure report.

☒ In section 8.0, the closure plan shall include all sampling results including any field sampling activity. Also include the decontamination tank certificates as required by CCR Title 22, Division 4.5, Chapter 32 requirements.

☒ The Phase II site investigation may be used in lieu of any required core sampling provided the vaults; 1) have no cracks, or 2) are coated and show no visible staining, or 3) have staining but staining does not penetrate through the concrete; AND you provide us the actual analytical data/lab results and any list of field test results from the Phase II site investigation.

☒ Our office and DTSC must be notified 15 days prior to completion of closure. After completion of closure, a certification signed by the owner or operator and by an independent professional engineer must be submitted to DTSC. To notify our office or to schedule inspections from our office, please contact Nicole Pullman at (408)-299-6930.

Richard Reeves — Approved by

Jim Blomeyer — Supervisor

5/23/00 — Date

cc: Mike Randolph, San Jose Fire Dept.

COUNTY OF SANTA CLARA
ENVIRONMENTAL RESOURCES AGENCY
HAZARDOUS MATERIALS COMPLIANCE DIVISION

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

OFFICIAL NOTICE OF INSPECTION

DBA/Name	Facility ID #	Hours	Service Code	Date
Mage Power				6/8/00
Address 2150 Commerce Dr. S.J.				Work Area Location
Contact Person R & S - Rudy Gonzalez				Emp#
Additional Information				Prog/Elem
				Permit Exp. Date

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

Walk through of Tiered Permitting unit with Rudy Gonzales & SF Fire Dept - Mike Randolph and Mr Suzuki representing possible buyer.

Decontamination of all equipment & sump has been completed. Based on visual observation of sump area three areas to do boring have been determined Soil samples (native soil) are to be analyzed for pH, HF, CAM 17 and VOC. Submit sampling plan with sampling map noting locations of samples for approval. Call this dept 48 hrs in advance to schedule soil sampling oversight.

Note that the HF-Treatment system / flocculator consisting of two x 350 gal plastic tanks still have Fluorine residue after decontamination and it is recommended that they be disposed as hazardous waste.

Received by: FAXed to Rudy Inspected by: Nicole Pullman

Page 1 of 1

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

Entered by: _____

HMCD 1/94

white - HMCD yellow - Facility pink - Staff

264

COUNTY OF SANTA CLARA
ENVIRONMENTAL RESOURCES AGENCY
HAZARDOUS MATERIALS COMPLIANCE DIVISION

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

OFFICIAL NOTICE OF INSPECTION

DBA/Name MAGE POWER	Facility ID #	Hours	Service Code	Date 04/14/00
Address 2156 Commerce Dr. San Jose				Work Area Location
Contact Person Rep Rudy Gonzales				Emp# 4674
Additional Information				Prog/Elem
				Permit Exp. Date

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

☐ PBR Closure HF treatment has been removed
Sampling. 3 Samples removed from site as per closure plan
Sample #B1 HF Sump in HF pit. Westland N Side. 2 Samples (sleeves)
Sample #B2 SE Corner of HF Vault. Sand & gravel.
Sample #B3 SW corner of AWW pit in Sump. Coarse Sand
All samples in brass sleeves - Capped, evidence tape

Samples are evidenced taped - Lab notified to note condition of tape on report - Chain of Custody Signed as witness.
All Samples to be run at State Certified lab for pH, HF CAM 17 and VOC (8260) Results to this office along with Chain of CUSTODY prior to closure being complete

Received by: Rudy Gonzalez Inspected by: Glyn Cassen

Page 1 of _____ Mailing Address: Dept. of Environmental Health
Hazardous Materials Compliance Division
P.O. Box 28070
San Jose, CA 95159-8070

Entered by: _____

HMCD 1/94
264

white - HMCD yellow - Facility pink - Staff

Exhibit 5.5

Exhibit 5.5.1

Uniform Hazardous Waste Manifest

Manifest # AR-1124499

Item 11d – Oil & Acetone, Solid

Item 28b – Oil, 28c - Glycol

Arkansas Department of Environmental Quality
Hazardous Waste Division
P.O. Box 8913, Little Rock, AR 72219-8913
Telephone: (501) 682-0833

5

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

Form Approved. OMB No. 2050-0039

AR-2-99

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No	Manifest Document No	2. Page 1 of 1	Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address

4. Generator's Phone ( )

A. State Manifest Document Number: AR-1124499

B. State Generator's ID

5. Transporter 1 Company Name

6. US EPA ID Number

C. State Transporter's ID

D. Transporter's Phone (408) 363-1660

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID

F. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

G. State Facility's ID

H. Facility's Phone (870) 863-7173

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. RQ Waste Aqueous Solution, 8, UN2672, PG III	001	DF	00030	G	D002
b. Waste Corrosive Liquids, Acidic, Organic, N.O.S. (Contains Phosphoric Acid), 8, UN3265, PG II	001	DF	00005	G	D002
c. Waste Corrosive Solids, Basic, Inorganic, N.O.S. (Contains Sodium Hydroxide and Potassium Hydroxide), 8, UN3262, PG II	001	DF	00200	P	NONE
d. Hazardous Waste Solid, N.O.S. (Contains Oil and Acetone), 9, NA3077, PG III	001	DM	00250	P	F003

J. Additional Description for Materials Listed Above

11a: MPE-001 UN1H2-55 Addl Info: CC4 UN1H2-55
11b: MPE-002 UN3H1-5
11c: MPE-003 UN1H2-55

K. Emergency Response Information: Emergency Phone: (408) 980-1613

If no alternate TSDF, return to generator

15. Special Handling Instructions and Additional Information

11a: 131097 (CA Code: 122)
11b: 131093 (CA Code: 791)
11c: 131005 (CA Code: 121)
11d: 131099 (CA Code: 352)

Project #: 44580
2150 Commerce Drive
San Jose, CA

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
	X			

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
		05	30	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

TRANSPORTER

FACILITY

700-22 (Rev. 9-88) Previous edition is obsolete.

GENERATOR INITIAL COPY

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

Form Approved OMB No 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST
(Continuation Sheet)

21. Generator's US EPA ID No. CAD982417753 | Manifest Document No. 14200

22. Page 2 of 2 | Information in the shaded areas is not required by Federal law.

23. Generator's Name
Mage Power
2150 Commerce Drive
San Jose, CA 95131 Attn: Rudy Gonzalez

L. State Manifest Document Number
AR-1124699

M. State Generator's ID
EXEMPT

24. Transporter ___ Company Name | 25. US EPA ID Number

N. State Transporter's ID

O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

GENERATOR

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	NON-RCRA Hazardous Waste Solid	✓	002	DM	00900	P	NON-RCRA
b.	NON-RCRA Hazardous Waste Liquid (Oil)	✓	001	DM	00055	G	NON-RCRA
c.	NON-RCRA Hazardous Waste Liquid (Polyethylene object)	✓	001	DF	00055	G	NON-RCRA
d.							
e.							
f.							
g.							
h.							
i.							

S. Additional Descriptions for Materials Listed Above
28a: PIPE-005-CCG UN1A2-55
28b: PIPE-007 UN1A1-55
28c: PIPE-008 UN1H1-55

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
28a: 13110C9 (DOT Code: 352)
28b: 13110C6 (DOT Code: 221)
28c: 13110C5 (DOT Code: 347)

Project #: 44880
Site: 2150 Commerce Drive
San Jose, CA 95131

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

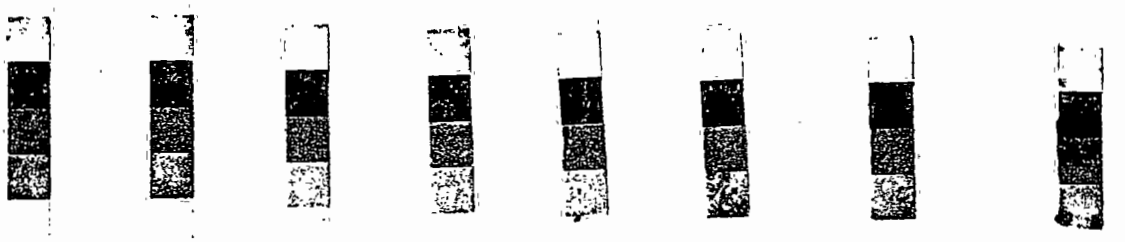
FACILITY

35. Discrepancy Indication Space

Exhibit 5.5.2

pH Documentation

Chemical Storage Rooms



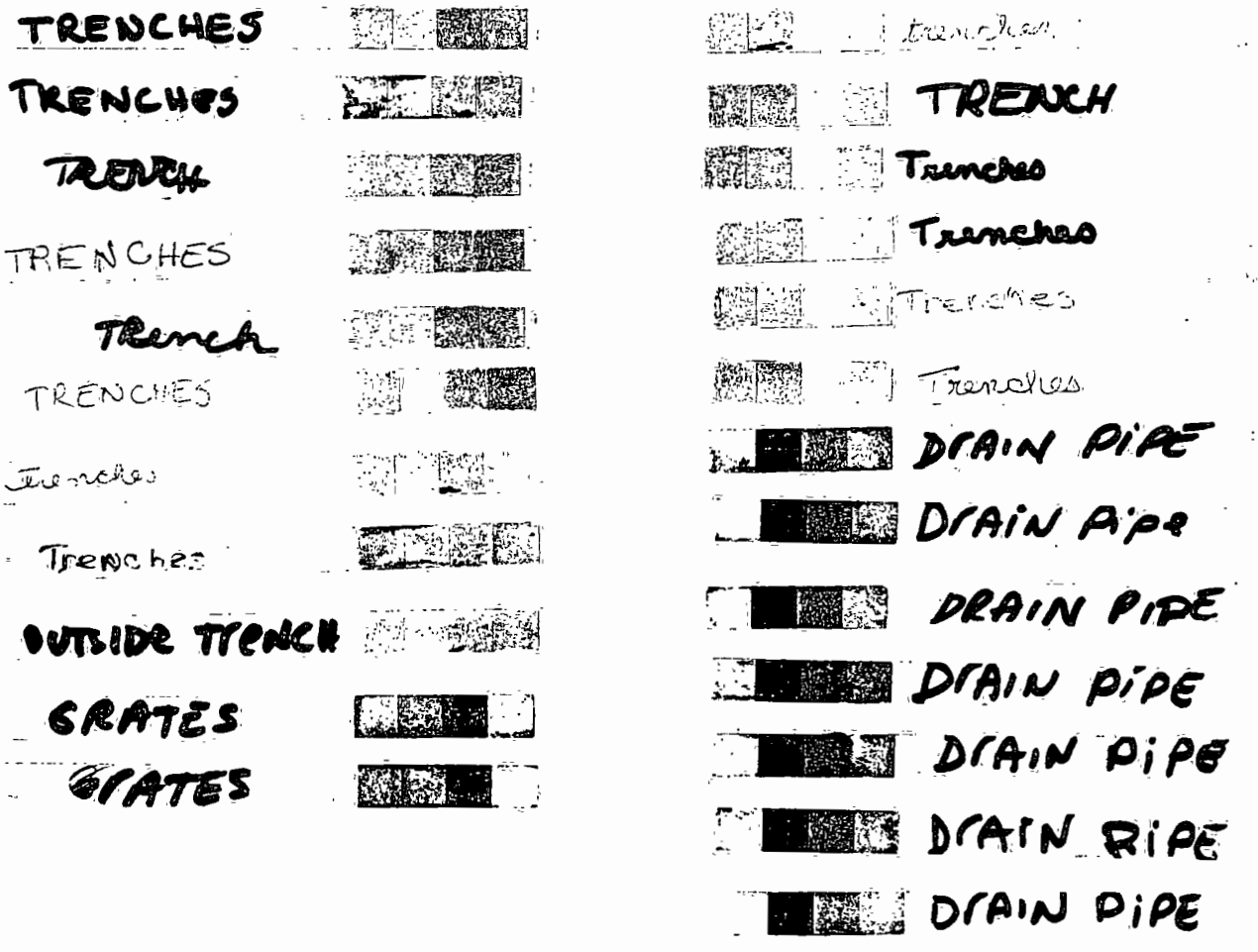
pH = 9 in all Eight Storage Rooms

Exhibit 5.6

Exhibit 5.6.1

pH Documentation

Fab Area Trenches and Acid Drain Piping



pH = 7, 8, or 9 for all samples

Exhibit 5.6.2

Soil Sampling Report on

Fab Area Trenches and Outside Trench Sump

toxic # 00-163

ASSISTANCE REQUEST COMPLAINT (ARC)

FACILITY ID _____ RECORD ID 11726 INSPECTOR CODE _____

FACILITY NAME (SITE): Mage Power COPY

Location: 2150 Commerce Dr.

Cross St: _____ City: San Jose Zip Code: 95131 CT: _____

ISSUE: facility closure - 6.3ug/Kg of Chloromethane found in one soil sample taken about 12 inches below bottom of concrete trench.

Requester: Mike Randolph (Spill report 00-163) Phone: (408) 277-4659 ☒ Work ☐ Home

Address: San Jose Fire City: San Jose Zip: _____

Property Owner Name: _____ Phone: _____

Property Owner Address: _____

Would requester like to know how complaint/request was resolved? ☐ Yes ☐ No APN: _____

Received By: Katie ID#: 10022 Date: 8-29-00 Time: 10:00 By: ☒ Mail ☐ Phone ☐ Visit

Assigned to: _____ ID#: _____ Date: _____ Time: _____ Status: _____

Priority: ☐ 24 hr ☐ 3 day ☐ Due Date (10 days) _____

RESULTS: Response to ARC by: ☐ Phone ☐ Site Visit ☐ Both ☐ Other _____

COMMENTS/RESULTS: PROGRAM ELEMENT (P/E): _____

Facility closure oversight by San Jose Fire Department - Santa Clara Co. oversight for closure of onsite treatment unit. Final closure report submitted and reviewed. Additional documents were requested to be submitted 7/3/00 and several times after. Contact person is Jeff Tarter at 321-0810 #210

Violations: _____ Further action: ☐ Yes ☐ No

Enforcement: _____ Abatement (hearing) date: _____

ARC was referred by: ☐ Phone call ☐ Mail ☐ Both ☐ Other _____

TO:

☐ Ag Dept.	☐ Code Enforcement	☐ EPA	☐ Non-Point Source	☐ Zoning
☐ BAAQMD	☐ DOHS	☐ FDB	☐ Planning	OTHER: _____
☐ Cal/OSHA	☐ DTSC	☐ Fire Dept	☐ POTW	
☐ CIWMB	☐ Env Enforcement	☐ Milk & Diary	☐ USDA	

Response to Requester on (Date): _____ By: ☐ Mail ☐ Phone ☐ Visit

DEH Staff: Nicole Pullman ID# 4652 Date completed: 9/6/00 Time: _____

Supervisor Signature: _____ Date: _____

8/10/

CITY OF SAN JOSÉ, CALIFORNIA

SAN JOSE FIRE DEPARTMENT

HAZARDOUS MATERIALS SPILL REPORT

[X] Release [ ] Threatened Release

RECEIVED BY ENVIRONMENTAL HEALTH HHCD
AUG 28 | 49 PM '00

Spill # 1678

ate reported: 8/22/2000 Date of spill: Unknown

ported by: Mike Randolph Incident # (if any):

cility name: Mage Power FILE # 403128

cility address: 2150 Commerce Drive Telephone: (408) 432-0500

Facility representative: Jeff Tarter/Rudy Gonzalez (Name) Title: Consultants for closure

ill site (if different): 2150 Commerce Dr (Address/location)

aterial spilled: chloromethane

uantity spilled: Unknown

Source of spill notification: Other (facility closure)

tion taken:

3 ug/Kg of chloromethane found in one soil sample taken about 12 inches below bottom of concrete trench that had gnificant chemical stains. Trench had contained chemical piping used by different companies over the years. This sample as collected from trench inside the building.
otify Regional Water Quality Control Board and County Health Dept. for their consideration.
acility is closed and in process of being sold. Phone numbers for consultants, Mr. Tarter and Mr. Gonzalez, who worked owner (General Bank?) are (408) 321-0810 and (408) 980-1613; respectively.

llow up action required:

eport completed by: Mike Randolph Telephone: (408) 277-4659

Other agencies notified: [X] By copy of this report [ ] By phone

Date notified: 8/22/2000

[ ] RWQCB [ ] SCVWD [ ] DFG [ ] DTSC [ ] S. J. WPCP [ ] COAST GUARD [ ] SWRCB [ ] DA

[ ] COUNTY HEALTH [ ] S. J. OFFICE OF ENV. SERV. [ ] S. J. DEPT. OF STREETS & PARKS [ ] STATE O.EMG.S.

Bureau of Fire Prevention, Hazardous Materials Division
Four North Second Street • Suite 1100 • San Jose, CA 95113-1305 • (408) 277-4659 • FAX: (408) 288-8602

RECEIVED
MAY 08 2000
HAZARDOUS
MATERIALS

ENVIRONMENTAL HEALTH
HMCD
JUL 24 3 05 PM '01

SHALLOW SOIL SAMPLING REPORT

2150 Commerce Street
San Jose, California
May 5, 2000

FOR

MR. RUDY GONZALEZ
R&S TECHNOLOGY
3283 DE LA CRUZ BOULEVARD, SUITE D
SANTA CLARA, CA 95054

PREPARED BY

E_2C, INC.
382 MARTIN AVENUE
SANTA CLARA, CALIFORNIA, 95050

E_2C, Inc. Project Number 1473SC01

May 5, 2000
Project Number 1473 SC01
Via Facsimile and US Mail

R&S Technology
3283 De La Cruz Boulevard, Suite D
Santa Clara, CA 95054

ATTN: Mr. Rudy Gonzalez

SUBJECT: **REPORT – SHALLOW SOIL SAMPLING**
2150 Commerce Street
San Jose, California

Dear Mr. Gonzalez:

This report describes the shallow soil sampling performed by E_2C, Inc. at 2150 Commerce Street (Site) in San Jose, California (see Figure 1). Soil sampling and analysis was performed as requested by Mr. Mike Randolph of the San Jose Fire Department to complete case closure requirements. The following Scope of Services addresses the present investigation.

SCOPE OF SERVICES

- Core seven soil sampling holes in the concrete slab or trenches;
- Collect one soil sample from the soil beneath the baserock section of the concrete slab or trench;
- Analyze the samples for fluoride, pH, and volatile organic compounds (VOCs) by EPA Method 8260B; and
- Prepare this report.

BACKGROUND

Mr. Mike Randolph of the San Jose Fire Department reviewed the Facility Closure Plan and other data pertinent for the Site, and subsequently performed a site inspection on March 30, 2000. Mr. Randolph identified seven areas of concern along the lined trench drainage system that would require sampling and analysis.

DESCRIPTION OF FIELD ACTIVITIES

On April 20, 2000, Mr. Randolph was at the Site with Mr. Rudy Gonzalez of R&S Technology to select the actual sampling locations. These sampling locations identified as A-1 though A-7 are shown on Figure 2. An employee of Lombardo was onsite to cut cores in concrete flooring and trenches. Dan Hidalgo of E_2C was onsite to collect soil samples.

The employee of Lombardo drilled 4-inch diameter cores in the bottom of the lined drain trenches or in the adjacent flooring (Figure 2) using a portable coring machine. The cut cores were then removed to allow access for soil sampling.

Seven hand-auger borings were advanced through the cored locations by E_2C to depths of 12-inches (±) below grade or baserock, for the collection of soil samples. All auguring and sampling equipment was decontaminated by washing with water and detergent and then rinsing with clean water before each use.

Each soil sample was collected by driving a lined sampling shoe approximately 12-inches into soil beneath base rock (if any) in each boring. The sample liner was then retrieved from the sampling shoe and ends were wrapped with Teflon sheets and plastic end caps. Each sample was properly labeled, preserved on ice, documented on a chain-of-custody and submitted for laboratory analysis. The chain-of-custody is included as part of the laboratory data sheets in Appendix A.

CHEMICAL ANALYSES

Samples were analyzed at ENTECH Analytical Laboratory of Sunnyvale, California, a State of California-Certified laboratory. Appendix A contains the laboratory data sheets.

The soil samples from A-1 through A-6 were analyzed as requested by Mr. Randolph for the following:

- pH;
- fluoride, and
- VOCs using EPA Method 8260B.

The soil sample from A-7 was only analyzed for:

- pH, and
- fluoride

RESULTS OF CHEMICAL ANALYSES

The results of the chemical analyses are summarized in the following table.

SAMPLE NUMBER	pH	FLUORIDE (mg/kg)	EPA METHOD 8260B VOCs(*) (mg/kg)
A-1-1	9.6	ND<0.5	ND
A-2-1	7.7	ND<0.5	ND
A-3-1	8.7	ND<0.5	ND
A-4-1	9.0	ND<0.5	Chloromethane (6.3), ND
A-5-1	9.4	ND<0.5	ND
A-6-1	8.8	ND<0.5	ND
A-7-1	9.2	ND<0.5	NA

* Only detected EPA Method 8260B VOCs are listed in the table. All other VOCs were not detected at the laboratory reported detection limits (Appendix A)

ND Not Detected

NA Not Analyzed

FINDINGS AND CONCLUSIONS

The findings and conclusions of this investigation area as follows:

- The measurements of pH ranged from 7.7 to 9.6, which is on the basic side of neutral. These results indicate that there was not a release of acids at the locations sampled.
- Fluoride was not detected in any of the soil samples, also indicating that there was not a release of acids at the locations sampled.
- Chloromethane was reported for sample A-4-1 at a concentration of 6.3 mg/kg. No other VOCs were reported for soil samples A-1-1 through A-6-1 using EPA Method 8260B. The chloromethane reported for A-4-1 is more likely than not a laboratory artifact and not an indication of impact at the Site.

RECOMMENDATIONS

As the Site does not appear to have been impacted by acids or VOCs at the sampled locations, we recommend that the Site be considered for Case Closure.

REPORT CERTIFICATION

To the best of our knowledge, all statements presented in this report are true and correct. Should you have any questions or require supplemental information, please feel free to contact us.

Sincerely,

Daniel Hidalgo
Project Geologist

REGISTERED GEOLOGIST
DANIEL J. HIDALGO
No. 5162
STATE OF CALIFORNIA

Kendall W. Price, CEG, REA
President

Cc: Mr. Mike Randolph
San Jose Fire Department
Four North Second Street, Suite 1100
San Jose, CA 95113-1305

APPENDIX A

LABORATORY DATA SHEETS

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

May 01, 2000

Dan Hidalgo
E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050

Order:	20137	**Date Collected:**	4/20/00
Project Name:	R&S	**Date Received:**	4/20/00
Project Number:	1473SCOI	**P.O. Number:**	
Project Notes:			

On April 20, 2000, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	EPA 8260B	EPA 8260B
	Fluoride	EPA 340.2
	pH	EPA 9045C

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-001 **Client Sample ID:** A-5-1

Sample Time: 8:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-dibromoethane (EDB)	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-001 **Client Sample ID:** A-5-1

Sample Time: 8:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-001 **Client Sample ID:** A-5-1

Sample Time: 8:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Tetrachloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	91	43 - 150
Dibromofluoromethane	107	62 - 144
Toluene-d8	115	55 - 145

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-002 **Client Sample ID:** A-2-1

Sample Time: 9:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-dibromoethane (EDB)	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-002 **Client Sample ID:** A-2-1

Sample Time: 9:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-002 **Client Sample ID:** A-2-1

Sample Time: 9:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Tetrachloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79	43 - 150
Dibromofluoromethane	100	62 - 144
Toluene-d8	106	55 - 145

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-003 **Client Sample ID:** A-4-1

Sample Time: 9:25 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-dibromoethane (EDB)	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-003 **Client Sample ID:** A-4-1

Sample Time: 9:25 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	6.3		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-003 **Client Sample ID:** A-4-1

Sample Time: 9:25 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Tetrachloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	93	43 - 150
Dibromofluoromethane	107	62 - 144
Toluene-d8	103	55 - 145

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Environmental Analysis Since 1983

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Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-004 **Client Sample ID:** A-1-1

Sample Time: 9:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-dibromoethane (EDB)	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-004 **Client Sample ID:** A-1-1

Sample Time: 9:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

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Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-004 **Client Sample ID:** A-1-1

Sample Time: 9:45 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Tetrachloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	80	43 - 150
Dibromofluoromethane	100	62 - 144
Toluene-d8	115	55 - 145

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-006 **Client Sample ID:** A-6-1

Sample Time: 10:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-dibromoethane (EDB)	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-006 **Client Sample ID:** A-6-1

Sample Time: 10:05 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-006 **Client Sample ID:** A-6-1

Sample Time: 10:05 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Tetrachloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	83	43 - 150
Dibromofluoromethane	108	62 - 144
Toluene-d8	106	55 - 145

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-007 **Client Sample ID:** A-3-1

Sample Time: 10:30 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-dibromoethane (EDB)	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	4/28/00	SMS000427	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-007 **Client Sample ID:** A-3-I

Sample Time: 10:30 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Disulfide	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Isopropanol	ND		1	100	100	µg/kg	4/28/00	SMS000427	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
tert-Butylbenzene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 5/1/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 **Lab Sample ID:** 20137-007 **Client Sample ID:** A-3-1

Sample Time: 10:30 AM **Sample Date:** 4/20/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Tetrachloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	4/28/00	SMS000427	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	87	43 - 150
Dibromofluoromethane	112	62 - 144
Toluene-d8	110	55 - 145

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 4/27/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 Lab Sample ID: 20137-001 Client Sample ID: A-5-1
Sample Time: 8:45 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.4	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 Lab Sample ID: 20137-002 Client Sample ID: A-2-1
Sample Time: 9:05 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	7.7	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 Lab Sample ID: 20137-003 Client Sample ID: A-4-1
Sample Time: 9:25 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.0	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 Lab Sample ID: 20137-004 Client Sample ID: A-1-1
Sample Time: 9:45 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.6	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 Lab Sample ID: 20137-005 Client Sample ID: A-7-1
Sample Time: 9:55 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	9.2	1			STU	4/24/00	SPH000424	EPA 9045C

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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E2C, Inc.
382 Martin Avenue
Santa Clara, CA 95050
Attn: Dan Hidalgo

Date: 4/27/00
Date Received: 4/20/00
Project Name: R&S
Project Number: 1473SCOI
P.O. Number:
Sampled By: Dan Hidalgo

Certified Analytical Report

Order ID: 20137 Lab Sample ID: 20137-006 Client Sample ID: A-6-1

Sample Time: 10:05 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	8.8	1			STU	4/24/00	SPH000424	EPA 9045C

Order ID: 20137 Lab Sample ID: 20137-007 Client Sample ID: A-3-1

Sample Time: 10:30 AM Sample Date: 4/20/00 Matrix: Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	4/25/00	SF000425	EPA 340.2
pH	8.7	1			STU	4/24/00	SPH000424	EPA 9045C

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

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Michelle L. Anderson, Laboratory Director

CHAIN OF CUSTODY / LABORATORY ANALYSIS REQUEST FORM

ENVIRONMENTAL / ENGINEERING CONSULTANTS
382 MARTIN AVENUE
SANTA CLARA, CA 95050-9112
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DATE 4-20-00 PAGE 1 OF 1

PROJECT NAME R & S
PROJECT NUMBER 1473SC01
SITE ADDRESS 2150 Commerce Dr.
San Jose
0137
PHONE
SAMPLERS SIGNATURE Dan Hidalgo

ANALYSIS REQUESTED

	SAMPLE ID	TIME	DATE	LAB ID	SAMPLE MATRIX	NUMBER OF CONTAINERS	TYPE OF CONTAINERS	8015/8020/8021 TPH GAS/BTEX	DIESEL ☐ FCD GASOLINE ☐ TPH/8015 MODIFIED	8020/8020 BTEX	EPA 418.1 TRPH	8010/8010 HALOGENATED VOLATILES	GC/MS 624/8240/8260 VOLATILE ORGANICS	CAM METALS 6010/7000	MTBE	pH, Fluoride	NOT TO RUN	REMARKS
001	A-5-1	8:45	4-20-00		Soil	1	L						X			X	X	8260 looking for acetone & Isopropanol
002	A-2-1	9:05				1	J						X			X	X	
003	A-4-1	9:25				1	W						X			X	X	
004	A-1-1	9:45				1	F						X			X	X	
005	A-7-1	9:55				1	R									X		
006	A-6-1	10:05				1	S						X			X	X	
007	A-3-1	10:30	↓		↓	1	↓						X			X	X	

TURNAROUND REQUIREMENTS
___ 24 hr
___ 48 hr
X 5 day
___ Standard
___ Other (Specify)
___ Provide Verbal Preliminary Results
Requested Report Date ____

REPORT REQUIREMENTS
X I. Routine Report
___ II. Report (Includes DUP, MS, MSD as required, may be charged as samples)
___ III. Data Validation Report (Includes All Raw Data)
___ RWQCB

08 APR 20 8:13

RELINQUISHED BY (SIGN)	PRINT NAME/COMPANY	DATE/TIME	RECEIVED BY (SIGN)	PRINT NAME/COMPANY
Dan Hidalgo	Dan Hidalgo E2C	441-00	J. Martin	Entech
J. Martin	Entech	4-20-00	Lee Rodgers 4/20/00	1831

RECEIVED AT LAB BY: | DATE/TIME | CONDITIONS/COMMENTS:

08 APR 20 12:08

SHIPPED VIA ☐ FED X ☐ UPS ☐ OTHER _____ AIR BILL #

RECORD OF INSPECTION

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

TELEPHONE (408) 277-4656

File Number: 403128 PAGE 1 OF

Conducted by: Code Enforcement ☐ ☑ Engineering ☐ HazMat ☐ ☐ Line

Type of Inspection: F/S Permit ☐ ☐ One-Time permit ☐ HazMat Permit ☐ ☐ Non-permitted ☐ FDIC

Bus. Acct. No.: 079627 Bus Start Date: 0520199

Street Number	Dir	Street Name	Type	Zip	Building Unit	Map Page	X	Y	1st Due	Cnty
02150		COMMERCE DR		95131-1858		11	39	76	05	N

BUSINESS INFORMATION

Business Name: MAGEPOWER SEMICONDUCTOR CO
Business Phone: 432-0500
Plan Check No:

BILLING INFORMATION IF NO B/ACCT NO:

Business Owners Name (Last, First): MEGA MOS CORP
Area Code / Emergency Phone Number: 408-266-6645
Type (pager, et):

Street Number: 2150 Dir: Street Name: COMMERCE DR
Area Code / Emergency Phone Number: 408-253-7424
Type (pager, et):

City: SAN JOSE, State: CA, Zip Code: 95131-1858

BUILDING INFORMATION

Use UBC	Cert UBC	NFPA	SIC	Bldgs	Mgt.	Yr. Const	Stories	Sq. Ft. Gr. Flr
H1		799	3674		1	1983	01	62,000

Sprnk.	Stndpipe	5 Yr. Test Date	Alarm	Spec. Sys	Assmbly.	O.L.	Dining
1	0	03191993	5	4	0	64	

FS	INITIAL INSP. DATE	HM
02	16 1993	03211997

FS	PERMIT EXP. DATE	HM
06	30 2000	06302000

FS	INSP / GEO AREA	HM
2211	H	

HAZMAT INFORMATION

UG Tanks	SPCC Req'd?	Toxic Gas	Flam. Gas	Gas Mon	HMOC	HMBP
0		1	Y	Y	10	1

Initial Inspection: 3/30/00 Completion Date: Employee/Company No.:

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:

You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the follow provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Coc

VIOLATION TYPE: ☐ SJFC ☐ UST ☐ HMBP ☐ SPCC

CODE SECTION		P/V	DESCRIPTION	APPR	DATE
			☐ SERVICE FIRE EXTINGUISHER ☑ PROVIDE NONCOMBUSTIBLE TRASH CONTAINER		
			☐ NO EXTENSION CORDS IN PLACE OF PERMANENT WIRING ☑ PROVIDE FIRE EXTINGUISHER		
			☑ KEEP EXIT WAYS CLEAR ☐ KEEP ELECTRICAL PANELS CLEAR		
			☐ OTHER VIOLATIONS AS NOTED BELOW:		
C7	1058c7	P	~~COMPRESSED GASES A~~		
C9	1058c9	P	CRYOGENS - ANNUAL		
F3	1058f3	P	FLAM/COMB LIQUIDS		
H1	1058h1	P	HAZARDOUS MATERIAL		
H2	1058h2	P	~~HZRDS PROD MATERI~~		
P2	1058p2	P	~~PLACE OF ASSEMBLY~~		
W1	1058w1	P	~~WELDING/CTTNG FIXE~~		

Facility closure inspection with particular attention being paid to the ~~them~~ trenches. Trenches have been used ~~for~~ by several companies over the years according to contractor

NOTE: Analyses of soil samples to be determined later.

Date HMIS Rec'd:	Date HMBP Rec'd:	Date HMBP Approved:	Permit Status: E S W Z

REPRINT THIS INFORMATION FOR REFERENCE NEXT YEAR ☐

HM 2/5 3/3 5/2 6/2 8/5 9/2

4/26/99 PER F/S INSP 6/3 CLOUSURE DONE BY HM

SUP. APP

Inspections are reported in 30 minute increments; e.g. 30 minutes = 1; 1 hour = 2; 1:30 = 3, etc. Inspections to be billed will be indicated below.

CLASS	1	2	3	4	5	6	8	9	Z	Total
SOLID		■	■							■
LIQUID		■		■						■
GAS	■		■	■	■	■	■	■		■
TOTAL										

TIME	1.0					NO FEE
DATE	3/30/a					
BILL? Y/N	~~N~~ Y					
OCC INIT	KW					

FILE COPY

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

An inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire

X _____ Occupant

X Mike Rundolph Inspecting Officer (Print Name Assignment)

X Mike Rundolph Inspecting Officer (Signature)

240-14 REV 4

RECORD OF INSPECTION
SUPPLEMENT

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

File Number

PAGE 2 OF

Conducted by: Code Enforcement ☐ ☐ Engineering HazMat ☐ ☐ Line

Type of Inspection: F/S Permit ☐ ☐ One-Time permit HazMat Permit ☐ ☐ Non-permitted ☐ FDIC

Employee No.

Street Number	Dir	Street Name	Type	Zip	Building Unit
2150		Commerce			

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
		Contractor stated that only waste HF and waste acid piping ~~was~~ were located in trenches. In implant room ~~east~~ corridor ~~and~~ along outer wall of equipment pad and elsewhere observed ~~concrete~~ coated trench to be discolored (light green, white, red, etc.) in areas along trench. Trench had olive-green coating on outer wall		
	*	Trench opposite roll up door had discoloration (red) and deterioration of coating along upper side of trench		
		Note: Contractor had removed all piping and stated that trenches had been cleaned with ~~water~~ high pressure water/TSP solution.		
		The undersides of several trench covers had significant discoloration. The contractor stated the trench covers had not been cleaned yet.		

TIME | DATE 7/30/02 | BILL? Y/N N | O C C INIT | NO FEE

ORDER TO COMPLY

Such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

An inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

X _____
Occupant

X Mike Randolph
Inspecting Officer (Print Name, Assignment)

X Mike Randolph
Inspecting Officer (Signature)

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

RECORD OF INSPECTION
SUPPLEMENT

File Number

Conducted by: Code Enforcement ☐ Engineering ☐ HazMat ☐ Line ☐
Type of Inspection: F/S Permit ☐ One-Time permit ☐ HazMat Permit ☐ Non-permitted ☐ FDIC ☐
Employee No.

Street Number	Dir.	Street Name	Type	Zip	Building Unit
2150		Commerce			

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
SJMC 17.12	V	Based on widespread discoloration of coated piping ~~&~~ trenches with varying degrees of coating deterioration, collect soil samples immediately below the concrete in the following areas: 1) 90° elbow of trench abut 20 ft inside from rollup door. 2) 1ST piping trench inside from roll up door abut 15 ft to the lower side where trench makes 90° zig zag. There is a crack in coating. 3) Low pt of trench outside on equipment pad 4) At T intersection of piping trench that runs out to equipment pad with trench that runs parallel to outer wall 5) Thru floor that is next to highest point of trench in ion implanter room two feet from wall		

TIME						NO FEE
DATE	3/30/05					
BILL? Y/N						
O.C.C. INIT						

ORDER TO COMPLY

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.
Inspection to determine whether or not you have complied with this notice will be conducted on or after 40 days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

x [signature] — Occupant

x Mike Randolph — Inspecting Officer (Print Name, Assignment)

x Mike Randolph — Inspecting Officer (Signature)

RECORD OF INSPECTION

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

TELEPHONE (408) 277-4656

Conducted by: Code Enforcement ☐ ☐ Engineering HazMat ☐ ☐ Line

Type of Inspection: F/S Permit ☐ ☐ One-Time permit HazMat Permit ☐ ☐ Non-permitted ☐ FDIC

File Number: 403128 PAGE 1 OF

Bus. Acct. No: 079627 Bus Start Date: 05201997

BUSINESS INFORMATION

Street Number	Dir.	Street Name	Type	Zip	Building Unit	Map Page	X	Y	1st Due	Cnty
2150		COMMERCE DR		95131-1858		11	39	76	05	N

Business Name: MAGEPOWER SEMICONDUCTOR CO

Business Phone: 432-0500 Plan Check No:

Business Owners Name (Last, First): MEGA MOS CORP

Area Code · Emergency Phone Number: 408-266-6645 Type (pager, e

BILLING INFORMATION IF NO B/ACCT NO.

Street Number: 2150 Dir: Street Name: COMMERCE DR

Area Code · Emergency Phone Number: 408-253-7424 Type (pager, e

City: SAN JOSE, State: CA Zip Code: 95131-1958

BUILDING INFORMATION

Use UBC	Cert UBC	NFPA	SIC	Bldgs.	Mgt	Yr Const.	Stories	Sq Ft Gr. Flr.
H1		799	3674		1	1983	01	62,000

Sprnk.	Stndpipe	5 Yr Test Date	Alarm	Spec Sys.	Assmbly.	O.L.	Dining
1	0	03191993	5	4	0		64

FS	INITIAL INSP. DATE	HI
02161993	08211997	

FS	PERMIT EXP. DATE	HI
06301999	06301999	

FS	INSP / GEO AREA	H
2211	H	

HAZMAT INFORMATION

UG Tanks	SPCC Req'd?	Toxic Gas	Flam Gas	Gas Mon.	HMOC	HMBP
0		1	Y	Y	10	1

Initial Inspection: Completion Date: Employee/Company No:

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:

You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the follow provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Co

VIOLATION TYPE: ☐ SJFC ☐ UST ☐ HMBP ☐ SPCC

CODE SECTION	P/V	DESCRIPTION	APPR.	DATE
		☐ SERVICE FIRE EXTINGUISHER ☐ PROVIDE NONCOMBUSTIBLE TRASH CONTAINER		
		☐ NO EXTENSION CORDS IN PLACE OF PERMANENT WIRING ☐ PROVIDE FIRE EXTINGUISHER		
		☐ KEEP EXIT WAYS CLEAR ☐ KEEP ELECTRICAL PANELS CLEAR		
		☐ OTHER VIOLATIONS AS NOTED BELOW:		
C7 1058c7	P	COMPRESSED GASES A		
C9 1058c9	P	CRYOGENS - ANNUAL		
F3 1058f3	P	FLAM/COMB LIQUIDS		
H1 1058h1	P	HAZARDOUS MATERIAL		
H2 1058h2	P	HIRDS PROD MATERI		
P2 1058p2	P	PLACE OF ASSEMBLY		
W1 1058w1	P	WELDING/CTTNG FIXE		
		Soil sample(6) at intersection of pipe trench going straight #		
		to equipment pad and 2nd trench in from outer wall		
		7) Sample three floor clove to sample # where		
		large chemical accident/spill/explosion occurred.		
		Note: Other floor samples may be required - to be determined later.		

Date HMIS Rec'd: Date HMBP Rec'd: Date HMBP Approved: Permit Status: E S W Z

REPRINT THIS INFORMATION FOR REFERENCE NEXT YEAR ☐ HM 2/5 3/3 5/2 6/2 8/5 9/2 SUP. APP

Inspections are reported in 30 minute increments, e.g. 30 minutes = 1; 1 hour = 2; 1:30 = 3, etc. Inspections to be billed will be indicated below.

CLASS	1	2	3	4	5	6	8	9	Z	Total
SOLID		■	■							■
LIQUID		■		■						■
GAS	■		■	■	■	■	■	■		■
TOTAL										

TIME						NO FEE
DATE	3/3/98					
BILL? Y/N						
OCC INIT						

FILE COPY

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice

An inspection to determine whether or not you have complied with this notice will be conducted on or after 40 days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire

X Occupant

X Mike Randolph Inspecting Officer (Print Name Assignment)

X Mike Randolph Inspecting Officer (Signature)

240-14 REV 4

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

RECORD OF INSPECTION
SUPPLEMENT

File Number

PAGE ☐ OF ☐

Conducted by: Code Enforcement ☐ ☐ Engineering; HazMat ☒ ☐ Line

Type of Inspection: F/S Permit ☐ ☐ One-Time permit; HazMat Permit ☐ ☐ Non-permitted; ☐ FDIC

Employee No.

Street Number	Dir	Street Name	Type	Zip	Building Unit
2150		Commerce			

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
	X	~~Given~~ Contractor and I determined the exact location of borings given limitations of concrete cutter, ~~and~~ estimated thickness of concrete along vertical trench walls, shrinkage, etc.		
		Inspected other areas inside fab – no further sampling required.		
		Inspected outdoor areas, Unable to inspect flammable liquid storage shed near cryogenic H_2 tank, and flammable waste drum storage area. Both areas ~~were~~ contained debris and/or drums which prevented inspection of floors in both areas. Other than above areas, no additional soil samples required. The 2 above areas to be inspected later for possible samples.		

TIME	4	~~4~~ 5				NO FEE
DATE	4/20/00	4/20/00				
BILL? Y/N	N	N				
OCC INIT	KW	KW				

ORDER TO COMPLY

Which conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice. An inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

X _____ Occupant

X Mike Randolph Inspecting Officer (Print Name, Assignment)

X Mike Randolph Inspecting Officer (Signature)

Exhibit 5.7

Exhibit 5.7.1

All Hazardous Waste Manifests and Regulatory Waste Disposal Documentation For The MagePower Facility Closure

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type Form designed for use on elite (12-pitch) typewriter

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. C A D 9 8 0 8 1 7 7 5 3 — Manifest Document No. 4 4 8 8 9

2. Page 1 of 1

Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133

4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 9914787

B. State Generator's ID: EXEMPT

5. Transporter 1 Company Name: All Chemical Disposal, Inc.

6. US EPA ID Number: C A D 9 8 2 4 9 2 3 9 9

C. State Transporter's ID (Reserved)

D. Transporter's Phone: (408) 263-1660

7. Transporter 2 Company Name

8. US EPA ID Number

E. State Transporter's ID (Reserved)

F. Transporter's Phone

9. Designated Facility Name and Site Address
Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239

10. US EPA ID Number: C A T 0 0 0 6 4 6 1 1 7

G. State Facility's ID

H. Facility's Phone: (559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste Number
a. Non-RCRA Hazardous Waste Solid, (Demo Debris)	0 0 1	C M	00040	Y	181
b.					
c.					
d.					

EPA/Other: None

J. Additional Descriptions for Materials Listed Above

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a: EA0638
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133
Bin # NG 2956

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
RUDY GONZALEZ for: Mage Power		0 6	1 2	0 0

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL COMO for: All Chemical Disposal, Inc.		06	12	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Blue. GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To P O Box 400, Sacramento, CA 95812-0400.

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

9914787

State of California—Environmental Protection Agency
Form Approved OMB No 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD980817753 — Manifest Document No. 44889 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 99147918
B. State Generator's ID: EXEMPT
C. State Transporter's ID: Reserved
D. Transporter's Phone: (408)363-1660
E. State Transporter's ID: Reserved
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone: (909)421-2012

5. Transporter 1 Company Name: All Chemical Disposal, Inc.
6. US EPA ID Number: CAD982492399
7. Transporter 2 Company Name:
8. US EPA ID Number:
9. Designated Facility Name and Site Address
Filter Recycling Services, Inc.
180 W. Monte Ave.
Rialto, CA 92316
10. US EPA ID Number: CAD982444481

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	State
a. NON-RCRA HAZARDOUS WASTE, SOLID (DEBRIS WITH CARBON)	001	DM	00200	P	
b. NON-RCRA HAZARDOUS WASTE, SOLID (DEBRIS WITH CALCIUM FLUORIDE)	001	DM	00200	P	
c.					
d.					

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name: KRISWILD for: Mage Power — Signature — Month 02 Day 10 Year 00

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ROBERT A SERVIN for: All Chemical Disposal, Inc. — Signature — Month 02 Day 10 Year 00

18 Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name — Signature — Month Day Year

FACILITY

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19
Printed/Typed Name — Signature — Month Day Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99147918

DTSC 8022A (1/99)
EPA 8700—22

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O. Box 400, Sacramento, CA 95812-0400

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No.	Manifest Document No.	2 Page 1 of 1	Information in the shaded areas is not required by Federal law
CAD980817753	44889		

3 Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133

4 Generator's Phone (408 980-1613 Attn: Rudy Gonzalez

A State Manifest Document Number 99147829

B State Generator's ID EXEMPT

5 Transporter 1 Company Name All Chemical Disposal, Inc.

6 US EPA ID Number CAD982492399

C State Transporter's ID (Reserved)

D Transporter 1 Phone (408)363-1660

7 Transporter 2 Company Name All Chemical Disposal, Inc.

8 US EPA ID Number CAD982492399

E State Transporter's ID (Reserved)

F Transporter 2 Phone (408)363-1660

9 Designated Facility Name and Site Address Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239

10 US EPA ID Number CAT000646117

G State Facility's ID

H Facility's Phone (559)386-9711

11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	12 Containers Type	13 Total Quantity	14 Unit Wt/Vol	I Waste Numbers
a. Hazardous Waste Solid, N.O.S. (Contains Arsenic) 9 NA3077 PG III	024	DM	04800 (EST)	P	State 352 EPA/Other D009
b. NON-RCRA Hazardous Waste Solid.	004	DM	00800 (EST)	P	State 352 EPA/Other NON-RCRA
c.					State EPA/Other
d.					State EPA/Other

J Additional Descriptions for Materials Listed Above
11a: RCRA-001-024 (CONTAINS AS)
11b: RCRA-025-028 (CONTAINS AS)

K Handling Codes for Wastes Listed Above
a.
b.
c.
d.

15 Special Handling Instructions and Additional Information
11a: EA07351
11b: EA07352

Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X Kris Wild for: Mage Power	X Kris Wild	05	24	00

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andrew D. Chaney for: All Chemical Disposal, Inc.	Andrew D. Chaney	05	24	00

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.				

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR
TRANSPORTER
FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99147829

DTSC 8022A (1/99)
EPA 8700—22

Blue. GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

Arkansas Department of Environmental Quality
Hazardous Waste Division
P.O. Box 8913, Little Rock, AR 72219-8913
Telephone: (501) 682-0833

5

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

Form Approved. OMB No. 2050-0039

AR-2-90

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2. Page 1 of 1	Information in the shaded areas is not required by Federal law
CAD982817350	124499		

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
408 980-1613 Attn: Rudy Gonzalez

4. Generator's Phone ( )

A. State Manifest Document Number: AR-1124499

B. State Generator's ID:

5. Transporter 1 Company Name: All Chemical Disposal, Inc.

6. US EPA ID Number: CAD982417300

C. State Transporter's ID: H-1370 786

D. Transporter's Phone: (408)363-1660

7. Transporter 2 Company Name: Division Transport

8. US EPA ID Number: ARD069748192

E. State Transporter's ID:

F. Transporter's Phone: (870)863-7173

9. Designated Facility Name and Site Address:
Ensco, Incorporated
309 American Oil Road
El Dorado, AR 71730

10. US EPA ID Number: ARD069748192

G. State Facility's ID:

H. Facility's Phone: (870)863-7173

11. US DOT Description *(Including Proper Shipping Name, Hazard Class and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	K. Waste Codes
a. RQ, Waste Aniline, Solids (Contains Aniline) 8 UN2672 PG III	001	DF	00030	G	D002
b. Waste Corrosive Liquids, Acidic, Organic, N.O.S. (Contains Phosphoric acid) 8 UN3265 PG II	001	DF	00005	G	D002
c. Waste Corrosive Solids, Basic, Inorganic, N.O.S. (Contains Sodium Hydroxide and Potassium Hydroxide) 8 UN3262 PG II	001	DF	00020	P	NONE
d. Hazardous Waste Solid, N.O.S. (Contains Oxalic Acetone) 9 NA3077 PG III	001	DM	00250	P	F003

J. Additional Descriptions for Materials Listed Above
Ha: 001PE-001 UN1A2-55 Hd: 001PE-004 UN1A2-55
Hb: 001PE-002 UN3H1-5
Hc: 001PE-003 UN1A2-55

K. Emergency Response Information:
Emergency Phone: (408)980-1613

If no alternate TSDF, return to generator

15. Special Handling Instructions and Additional Information
Ha: 131097 (CA Code: 122)
Hb: 131099 (CA Code: 791)
Hc: 131108 (CA Code: 181)
Hd: 131095 (CA Code: 352)

Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X Mage Power	X	X		

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Tr: All Chemical Disposal, Inc. Andrew D. Chung	Andrew D. Chung	05	30	90

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Tr: Division Transport				

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

GENERATOR INITIAL COPY

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.
CAD982917353	44889	2 of 2	

23. Generator's Name
Mage Power
2150 Commerce Drive
San Jose, CA 95133 Attn: Judy Gonzalez

L. State Manifest Document Number: AR-1124499

M. State Generator's ID: EXEMPT

24. Transporter ___ Company Name | 25. US EPA ID Number

N. State Transporter's ID

O. Transporter's Phone

26. Transporter ___ Company Name | 27 US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	NON-RCRA Hazardous Waste Solid	✓	002	DM	00400	P	NON-RCRA
b.	NON-RCRA Hazardous Waste Liquid (C1)	✓	001	DM	00055	G	NON-RCRA
c.	NON-RCRA Hazardous Waste Liquid (Polyethylene glycol)	✓	001	DF	00050	G	NON-RCRA
d.							
e.							
f.							
g.							
h.							
i.							

GENERATOR

S. Additional Descriptions for Materials Listed Above
28a: PIPE-005, 006 UN1A2-55
28b: PIPE-007 UN1A1-55
28c: PIPE-008 UN1H1-55

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
28a: 1311005 (CA Code: 352)
28b: 1310006 (CA Code: 221)
28c: 1310005 (CA Code: 343)

Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

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

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST *(Continuation Sheet)*

21. Generator's US EPA ID No. | Manifest Document No. | 22. Page | Information in the shaded areas is not required by Federal law.

23. Generator's Name

L. State Manifest Document Number: AR-1112409

M. State Generator's ID: EXEMPT

24. Transporter ___ Company Name | 25. US EPA ID Number | N. State Transporter's ID | O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number | P. State Transporter's ID | Q. Transporter's Phone

	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	HM	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	Non-RCRA Hazardous Waste Solid	✓	002	DM	00400	P	NON-RCRA
b.	Non-RCRA Hazardous Waste Liquid (Solid)	✓	001	DM	00050	G	NON-RCRA
c.	Non-RCRA Hazardous Waste Liquid (Methylethyl ethers)	✓	001	DF	00050	G	NON-RCRA
d.							
e.							
f.							
g.							
h.							
i.							

GENERATOR

S. Additional Descriptions for Materials Listed Above

2a: 9MIXE-005.006 UNIAZ-55
2b: 9MIXE-007 UNIAI-55
2c: 9MIXE-008 UNIHI-55

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

2a: 12,110.9 (RCRA Code: 352)
2b: 12,110.6 (RCRA Code: 221)
2c: 12,110.5 (RCRA Code: 341)

Project #: 44501
Site: 2150 Commerce Drive
San Jose, CA 95131

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

34. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

Arkansas Department of Environmental Quality
Hazardous Waste Division
P.O. Box 8913, Little Rock, AR 72219-8913
Telephone: (501) 682-0833

5

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

Form Approved: OMB No. 2050-0039

AR-2-99

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. A R D 9 8 7 1 9 5 3
Manifest Document No. 5 N Y F
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Sage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzales

A. State Manifest Document Number: AR-1124491
B. State Generator's ID

5. Transporter 1 Company Name: All American Disposal, Inc.
6. US EPA ID Number: A R D 0 8 2 4 2 5 5 0 9
C. State Transporter's ID: H-1470 786
D. Transporter's Phone: (408)363-1660

7. Transporter 2 Company Name: Division Transport
8. US EPA ID Number: A R D 0 8 2 4 8 1 9 2
E. State Transporter's ID:
F. Transporter's Phone: (870)863-7173

9. Designated Facility Name and Site Address
Envirocare Incorporated
409 American Oil Road
El Dorado, AR 71730
10. US EPA ID Number: A R D 0 6 9 7 4 8 1 9 2
G. State Facility's ID:
H. Facility's Phone: (870)863-7173

11. US DOT Description *(Including Proper Shipping Name, Hazard Class and ID Number)*	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Waste Phosphorous Oxychloride, 8, UN1810, PG-II Poison Inhalation Hazard ZONE B	001	DF	00050	P	D007 D003
b. Waste Trichloroacetic acid solution 8 UN2564 PG II	001	DF	00070	P	D002
c. Waste Corrosive Liquids, Oxidizing, N.O.S. (Contains Nitric acid and Hydrofluoric acid) 8 UN3264 PG II	001	DF	00045	P	D002 D001 D007
d. Waste Hydrochloric acid solution not more than 41% Hydrochloric acid 8 UN1789 PG II	001	DF	00012	P	D002

J. Additional Description for Materials Listed Above
11a-11c: 001 UN1H2-30 11d: 002 UN1H2-5
11b: 002 UN1H2-30
11c: 003 UN1H2-30

K. Emergency Response Information:
Emergency Phone: (408)980-1613

If no alternate TSDF, return to generator

15. Special Handling Instructions and Additional Information
11a-11d: 131.0964 (CA Code: 551)
Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations.
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR — X Printed/Typed Name: Rudy Gonzales | Signature: X | Month Day Year: X 05

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: All American Disposal, Inc Andrew D Chaney | Signature: Andrew D Chaney | Month Day Year: 05 26 00

18. Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: Division Transport | Signature: | Month Day Year:

FACILITY

19. Discrepancy Indication Space

20 Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.
Printed/Typed Name: | Signature: | Month Day Year:

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

GENERATOR INITIAL COPY

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

Form Approved OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. | Manifest Document No. | 22. Page | Information in the shaded areas is not required by Federal law.

23. Generator's Name
Mage Power
2150 Commerce Drive
San Jose, CA 95131 Attn: Rudy Gonzalez

L. State Manifest Document Number
CA-R-11-24401

M. State Generator's ID
EXEMPT

24. Transporter ___ Company Name | 25. US EPA ID Number

N. State Transporter's ID

26. Transporter ___ Company Name | 27. US EPA ID Number

O. Transporter's Phone

P. State Transporter's ID

Q. Transporter's Phone

	HM	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	✓	Waste Caustic Solution, Toxic, N.O.S. (Chromic Trioxide, Potassium Dichromate) 5.1 UN3037 PG II	001	DF	00015	P	D007, D007
b.	✓	Waste Amines, Liquid, Corrosive, N.O.S. (Amine propyl Morpholine) 8 UN2735 PG III	001	DF	00035	P	D002
c.	✓	Waste Hydrogen Peroxide Solution 5.1 UN2014 PG II	002	DF	00070	G	D002, D001
d.	✓	RG, Waste Flammable Liquids, N.O.S. (Contains Kerosene and Isopropanol) 3 UN1993 PG III	002	DF	00100	G	D001
e.	✓	RG, Waste Flammable Liquids, N.O.S. (Contains n-Butylacetate and Ethanol) 3 UN1993 PG II	001	DF	00050	G	D001
f.	✓	Hazardous Waste Liquid, N.O.S. (Contains Propylene Glycol and Chlorodichloride) 9 NA3082 PG III	005	DF	00170	G	D001, F
g.	✓	RG Waste Flammable Liquids, N.O.S. 3 UN1993 PG II	001	DF	00030	G	D001, D002, D003
h.	✓	Waste Aerosols, Flammable 2.1 UN1950	001	DF	00045	P	D001
i.	✓	RG Waste Flammable Liquids, N.O.S. (Contains Hexane, Heptane) 3 UN1993 PG II	001	DM	00016	G	D001

GENERATOR

27. Additional Descriptions for Materials Listed Above
28a: MPE-005 UN1H2-55
28b: MPE-006 UN1H2-30
28c: MPE-007, 008 UN1A-55
28d: MPE-009, 010 UN1A-55
28e: MPE-011 UN1H-55
28f: MPE-012-016 (UN1A-55, 30, 16)
28g: MPE-013 UN1A2-55
28h: MPE-015 UN1H2-30
28i: 1310564 (CA Code: 214)

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
28a-28b: 1310564 (CA Code: 551)
28c: 1310565 (CA Code: 343)
28d: 1310567 (CA Code: 214)
28e: 1310568 (CA Code: 214)
28f: 1310564 (CA Code: 214)
Project #: 44839
Site: 2150 Commerce Drive
San Jose, CA 95131

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

34. Transporter ____ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

Style CF 18 Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

EPA Form 8700-22A (Rev. 9-88) Previous editions are obsolete

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GENERATOR COPY

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.	Manifest Document No.	2 Page 1 of 1	Information in the shaded areas is not required by Federal law
CAD980817753	44889		

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 9914791 7
B. State Generator's ID: EXEMPT
C. State Transporter's ID Reserved
D. Transporter's Phone: (408)363-1660
E. State Transporter's ID Reserved
F. Transporter's Phone: (408)363-1660
G. State Facility's ID
H. Facility's Phone: (310)835-0775

5. Transporter 1 Company Name: All Chemical Disposal, Inc.
6. US EPA ID Number: CAD982492399

7. Transporter 2 Company Name: All Chemical Disposal, Inc.
8. US EPA ID Number: CAD982492399

9. Designated Facility Name and Site Address
Ensco West, Incorporated
1737 E. Denni St.
Wilmington, CA 90744
10 US EPA ID Number: CAD044429835

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	12 Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. WASTE Sulfuric acid, 8, UN1830, PG-II	002	DF	00110	G	791 D002
b. WASTE Corrosive solid, basic, inorganic, n.o.s., (Contains Sodium hydroxide and Potassium hydroxide), 8, UN3262, PG-II	007	DM	02450	P	181 None
c. WASTE CORROSIVE SOLID, BASIC, INORGANIC, NOS (CONTAINS SODIUM HYDROXIDE, POTASSIUM HYDROXIDE), 8, UN3262, II	004	DF	01400	P	181 None
d.					

J. Additional Descriptions for Materials Listed Above
11a: MPEW-001, -002, -003, -004, -005, -006, -007, -008, -009, -010, -011, -012, -013, -014, -015, -016, -017, -018, -019, -020, -021, -022, -023, -024, -025, -026, -027, -028, -029, -030, -031, -032, -033, -034, -035, -036, -037, -038, -039, -040, -041, -042, -043, -044, -045, -046, -047, -048, -049, -050, -051, -052, -053, -054, -055, -056, -057, -058, -059, -060, -061, -062, -063, -064, -065, -066, -067, -068, -069, -070, -071, -072, -073, -074, -075, -076, -077, -078, -079, -080, -081, -082, -083, -084, -085, -086, -087, -088, -089, -090, -091, -092, -093, -094, -095, -096, -097, -098, -099, -100, -101, -102, -103, -104, -105, -106, -107, -108, -109, -110, -111, -112, -113, -114, -115, -116, -117, -118, -119, -120, -121, -122, -123, -124, -125, -126, -127, -128, -129, -130, -131, -132, -133, -134, -135, -136, -137, -138, -139, -140, -141, -142, -143, -144, -145, -146, -147, -148, -149, -150, -151, -152, -153, -154, -155, -156, -157, -158, -159, -160, -161, -162, -163, -164, -165, -166, -167, -168, -169, -170, -171, -172, -173, -174, -175, -176, -177, -178, -179, -180, -181, -182, -183, -184, -185, -186, -187, -188, -189, -190, -191, -192, -193, -194, -195, -196, -197, -198, -199, -200, -201, -202, -203, -204, -205, -206, -207, -208, -209, -210, -211, -212, -213, -214, -215, -216, -217, -218, -219, -220, -221, -222, -223, -224, -225, -226, -227, -228, -229, -230, -231, -232, -233, -234, -235, -236, -237, -238, -239, -240, -241, -242, -243, -244, -245, -246, -247, -248, -249, -250, -251, -252, -253, -254, -255, -256, -257, -258, -259, -260, -261, -262, -263, -264, -265, -266, -267, -268, -269, -270, -271, -272, -273, -274, -275, -276, -277, -278, -279, -280, -281, -282, -283, -284, -285, -286, -287, -288, -289, -290, -291, -292, -293, -294, -295, -296, -297, -298, -299, -300, -301, -302, -303, -304, -305, -306, -307, -308, -309, -310, -311, -312, -313, -314, -315, -316, -317, -318, -319, -320, -321, -322, -323, -324, -325, -326, -327, -328, -329, -330, -331, -332, -333, -334, -335, -336, -337, -338, -339, -340, -341, -342, -343, -344, -345, -346, -347, -348, -349, -350, -351, -352, -353, -354, -355, -356, -357, -358, -359, -360, -361, -362, -363, -364, -365, -366, -367, -368, -369, -370, -371, -372, -373, -374, -375, -376, -377, -378, -379, -380, -381, -382, -383, -384, -385, -386, -387, -388, -389, -390, -391, -392, -393, -394, -395, -396, -397, -398, -399, -400, -401, -402, -403, -404, -405, -406, -407, -408, -409, -410, -411, -412, -413, -414, -415, -416, -417, -418, -419, -420, -421, -422, -423, -424, -425, -426, -427, -428, -429, -430, -431, -432, -433, -434, -435, -436, -437, -438, -439, -440, -441, -442, -443, -444, -445, -446, -447, -448, -449, -450, -451, -452, -453, -454, -455, -456, -457, -458, -459, -460, -461, -462, -463, -464, -465, -466, -467, -468, -469, -470, -471, -472, -473, -474, -475, -476, -477, -478, -479, -480, -481, -482, -483, -484, -485, -486, -487, -488, -489, -490, -491, -492, -493, -494, -495, -496, -497, 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-664, -665, -666, -667, -668, -669, -670, -671, -672, -673, -674, -675, -676, -677, -678, -679, -680, -681, -682, -683, -684, -685, -686, -687, -688, -689, -690, -691, -692, -693, -694, -695, -696, -697, -698, -699, -700, -701, -702, -703, -704, -705, -706, -707, -708, -709, -710, -711, -712, -713, -714, -715, -716, -717, -718, -719, -720, -721, -722, -723, -724, -725, -726, -727, -728, -729, -730, -731, -732, -733, -734, -735, -736, -737, -738, -739, -740, -741, -742, -743, -744, -745, -746, -747, -748, -749, -750, -751, -752, -753, -754, -755, -756, -757, -758, -759, -760, -761, -762, -763, -764, -765, -766, -767, -768, -769, -770, -771, -772, -773, -774, -775, -776, -777, -778, -779, -780, -781, -782, -783, -784, -785, -786, -787, -788, -789, -790, -791, -792, -793, -794, -795, -796, -797, -798, -799, -800, -801, -802, -803, -804, -805, -806, -807, -808, -809, -810, -811, -812, -813, -814, -815, -816, -817, -818, -819, -820, -821, -822, -823, -824, -825, -826, -827, -828, -829, -830, -831, -832, -833, -834, -835, -836, -837, -838, -839, -840, -841, -842, -843, -844, -845, -846, -847, -848, -849, -850, -851, -852, -853, -854, -855, -856, -857, -858, -859, -860, -861, -862, -863, -864, -865, -866, -867, -868, -869, -870, -871, -872, -873, -874, -875, -876, -877, -878, -879, -880, -881, -882, -883, -884, -885, -886, -887, -888, -889, -890, -891, -892, -893, -894, -895, -896, -897, -898, -899, -900, -901, -902, -903, -904, -905, -906, -907, -908, -909, -910, -911, -912, -913, -914, -915, -916, -917, -918, -919, -920, -921, -922, -923, -924, -925, -926, -927, -928, -929, -930, -931, -932, -933, -934, -935, -936, -937, -938, -939, -940, -941, -942, -943, -944, -945, -946, -947, -948, -949, -950, -951, -952, -953, -954, -955, -956, -957, -958, -959, -960, -961, -962, -963, -964, -965, -966, -967, -968, -969, -970, -971, -972, -973, -974, -975, -976, -977, -978, -979, -980, -981, -982, -983, -984, -985, -986, -987, -988, -989, -990, -991, -992, -993, -994, -995, -996, -997, -998, -999, -1000

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a: 1310962
11b: 1311008
11c:
Emergency Phone: (408)980-1613 Project-#: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133
ERG #s 11a:137 11b:154 11c:154

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
Kris Wild for: Mage Power	Kris Wild	06	21	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Robert A Serjin for: All Chemical Disposal, Inc.		06	21	00

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.				

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER, 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

9914791 7

DTSC 8022A (1/99)
EPA 8700—22

Blue. GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P.O Box 400, Sacramento, CA 95812-0400

State of California—Environmental Protection Agency
Form Approved OMB No 2050-0039 (Expires 9-30-99)
Please print or type (Form designed for use on elite (12-pitch) typewriter)

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD980817534 — Manifest Document No 4889 — 2 Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone 408 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 99147828
B. State Generator's ID: EXEMPT
C. State Transporter's ID (Reserved)
D. Transporter 1 Phone: (408)363-1660
E. State Transporter's ID (Reserved)
F. Transporter 2 Phone: (408)363-1660
G. State Facility's ID
H. Facility's Phone: (310)835-0775

5. Transporter 1 Company Name: All Chemical Disposal, Inc.
6. US EPA ID Number: CAD982492399
7. Transporter 2 Company Name: All Chemical Disposal, Inc.
8. US EPA ID Number: CAD982492399
9. Designated Facility Name and Site Address: Ensco West, Incorporated, 1737 E. Denni St., Wilmington, CA 90744
10. US EPA ID Number: CAD044429835

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Waste Sodium Hydroxide Solution, 8, UN1824, PG II	029	DF	01450 (EST)	G	122, D002
b. RQ, Waste Corrosive Liquids, Acidic, Inorganic, N.O.S. (Contains Hydrofluoric acid and Ammonium Bifluoride), 8, UN3264, PG II	017	DF	00850 (EST)	G	193, D002
c. Waste Sulfuric acid, 8, UN1830, PG II	005	DF	00250 (EST)	G	121, D002
RQ Waste Corrosive Liquids, Acidic, Inorganic, N.O.S. (Contains Hydrofluoric acid and Nitric acid), 8, UN3264, PG II	001	DF	00050 (EST)	G	193, D002

J. Additional Descriptions for Materials Listed Above
IIa: DI PEW - 021 - 029 DOT HI - 55
IIb: PEW - 030 - 047 DOT HI - 55
IIc: PEW - 048 - 052 DOT HI - 55
IId: PEW - 053

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
IIa: 1310963 IId: 1310966
IIb: 1310961
IIc: 1310962
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X for: Mage Power Kris Wild	X Kris Wild	05	24	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc. Andrew D. Chaney	Andrew D. Chaney	05	24	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.				

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR — TRANSPORTER — FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESP. CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99147828

DTSC 8022A (1/99)
EPA 8700—22

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS.
To: P O Box 400, Sacramento, CA 95812-0400

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter.*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD980817534488 9 — Manifest Document No
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 9914787
B. State Generator's ID: EXEMPT
C. State Transporter's ID (Reserved)
D. Transporter's Phone: (408)363-1660
E. State Transporter's ID (Reserved)
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone: (559)386-9711

5. Transporter 1 Company Name: All Chemical Disposal, Inc.
6. US EPA ID Number: CAD982492399
7. Transporter 2 Company Name
8. US EPA ID Number
9. Designated Facility Name and Site Address
Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239
10. US EPA ID Number: CAT000646117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste Numbers
a. Non-RCRA Hazardous Waste Solid, (Demo Debris)	001	CM	00040 EG	Y	State: 181 EPA/Other: None
b.					State: EPA/Other:
c.					State: EPA/Other:
d.					State: EPA/Other:

J. Additional Descriptions for Materials Listed Above
K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a: EA0638
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133
Bin # NG 295

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
RUDY GONZALEZ for: Mage Power		06	12	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
MICHAEL COMBS for: All Chemical Disposal, Inc.		06	12	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year

FACILITY

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

GENERATOR

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P O Box 400, Sacramento, CA 95812-0400

Chemical Waste Management, Inc.

GENERATOR'S WASTE PROFILE SHEET

EA 0638
Profile #

(Please carefully read the instructions before completing this form. Please print in ink or type)

Sales #

Service Agreement on file? Yes ☐ No ☐ Classification: Class I ☐ Class II ☐ Daily Cover ☐ Non Haz. ☐

TSDF requested _____ Technology requested _____

☐ Check here if this is a Recertification ☐ Check here if a Certificate of Destruction or Disposal is required

GENERAL INFORMATION

1. GENERATOR NAME: Mage Power — Generator USEPA ID: CAC002248993 ~~CAD098081552~~
2. Generator Address: 2150 Commerce Drive, San Jose CA 95133 — Billing Address: ☐ Same: All Chemical Disposal. Inc. 21 Great Oaks Blvd. San Jose. CA 95119
3. Technical Contact/Phone: Mark Navratil (408)363-1660
4. Alternate Contact/Phone: Shawn Moudy (408)363-1660 — Billing Contact/Phone: Shawn Moudy (408)363-1660

PROPERTIES AND COMPOSITION

5. A. Process Generating Waste: Facility Closure
   B. Is the waste from a CERCLA or state mandated cleanup? Yes ☐ No ✱ Location Name: _____
6. Waste Name: DEMO DEBRIS
7. A. Is this a USEPA hazardous waste (40 CFR Part 261)? Yes ☐ No ✱
   B. If D001, D002, D003, D004-D043 do any underlying hazardous constituents (UHC's) apply? Yes ☐ No ☐ (if yes, attach UHC form)
   C. Does this waste contain debris (List size and type in chemical composition)? Yes ✱ No ☐
   D. Identify ALL USEPA listed and characteristic waste code numbers (D, F, K, P, U): NON-RCRA
   State Waste Codes: 181
E. Does this waste contain any Class I or Class II ozone depleting substances? ☐ Yes (List in chemical composition) ✱ No
8. Physical state @ 70°F; A. Solid ✱ Liquid ☐ Both ☐ Gas ☐ B. Single Layer ☐ Multilayer ☐ C. Free Liquid range 0 to 0 %
9. A. pH: Range _____ to _____ or Not applicable ✱ B. Strong Odor ☐: describe _____ C. Color VARIES
10. Liquid Flash Point: < 73°F ☐ 73-99°F ☐ 100-139°F ☐ 140-199°F ☐ > 200°F ☐ N.A. ✱

CHEMICAL COMPOSITION: List ALL constituents (including halogenated organics and UHC's) present in any concentration and forward available analysis.

Constituents	Range	Units	Constituents	Range	Units
DUCTING, PLASTIC, PPE, WIPES, RAGS, WOOD	99-100	%			
SILICON DIOXIDE	<1	%			

TOTAL COMPOSITION MUST EQUAL OR EXCEED 100%

12. OTHER PCB's: if yes, concentration (dry weight) _____ ppm, PCB's regulated by 40 CFR 761 ☐ Pyrophoric ☐ Explosive ☐ Radioactive ☐ Water Reactive ☐ Shock Sensitive ☐ Oxidizer ☐ Carcinogen ☐ Infectious ☐ Other _____
13. If Benzene, concentration _____ ppm. Is the waste subject to the Benzene Waste Operation NESHAP? Yes ☐ No ☐ Unknown ☐
14. Is the waste subject to RCRA subpart CC controls? Yes ☐ No ✱ Volatile organic concentration, if known _____ ppmw.
15. If the waste is subject to the land ban and meets the treatment standards, check here: ____ and supply analytical results.

SHIPPING INFORMATION

16. PACKAGING: Bulk Solid ✱ Type/Size: 40CyBin Bulk Liquid ☐ Type/Size _____ Drum ☐ Type/Size _____ Other _____
17. SHIPPING FREQUENCY: Units _____ Per: ☐ Month ☐ Qtr. ☐ Year ✱ One Time ☐ Other _____

SAMPLING INFORMATION

18. A. Sample source (drum, lagoon, pond, tank, vat, etc.)
    Date Sampled: _____ Sampler's Name/Company: _____
    B. Generator's Agent Supervision Sampling _____ 19. No sample required (See instructions)

GENERATOR'S CERTIFICATION

I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste. Any sample submitted is representative as defined in 40 CFR 261 - Appendix 1 or by using an equivalent method. All relevant information regarding known or suspected hazards in the possession of the generator has been disclosed. I authorize CWM to obtain a sample from any waste shipment for purposes of recertification. If this certification is made by a broker, the undersigned signs as authorized agent of the generator and has confirmed the information contained in this Profile Sheet from information provided by the generator and additional information as it has determined to be reasonably necessary.

Nathan P Cooper — NATHAN P COOPER — 05/30/00

Signature — Printed (or typed) name and title — Date

If the waste profile is approved, Chemical Waste Management, Inc. has the appropriate permits and will accept the waste pursuant to our agreement. CWM Form 6000-DI replaces the following forms: CWM-51, CWM 6000, CWM 50-A-2, CWM 50-B, CWM 6000C AND CWM Form 6000-D.

Service Agreement

Contractor's License #599864

ALL CHEM
Chemical Disposal Inc
21 Great Oaks Blvd • San Jose, CA 95119-1359
Tel 408-363-1660 • Fax 408-363-3587

Services Provided

Lab Packing

Consolidation

Sampling

Compacting:

Transportation PU Full Bin = 2956 NG Bin return TO ALL CHEM FOR WASTE TRANS + DISPOSAL @ CWM MFST = 99147877

Profile Recertification

Project Information

Date JUN 12, 2K | Project Number 44889

Customer Name RTS TECH / MAGE

Site Address 2150 Lawrence Dr

City, State, Zip S.J. CA 95133

EPA ID Number

Equipment Used

Floor Dry ____ Bags	Gloves ____ Nitrile
Vermiculite ____ Bags	Gloves ____ Leather
Drum Liners ____ Total	Sample Bottle ____ Total
Label Sets ____ Total	Sample Pump ____ lg. ____ sm
Tyvek Suits ____ Standard	Visqueen ____
Tyvek Suits ____ Polylaminated	Compactor ____
Respirator Cart. ____ Single Stage	Sawzall ____
Respirator Cart. ____ Combination	Steam Cleaner ____
Gloves ____ Latex	Other:

WORK TO BE DONE/SUPPLIES REQUIRED

Drums Used

Metal Drums Closed Top	Poly Drums Open Top
____ UN1A1-55	____ UN1H2-55
____ UN1A1-30	____ UN1H2 30
____ UN1A1-20	____ UN1H2-20
____ UN1A1-5	____ UN1H2-5
Metal Drums Open Top	**Fiber Drums**
____ UN1A2-55	____ UN1G-55
____ UN1A2-30	____ UN1G-30
____ UN1A2-20	____ UN1G-20
____ UN1A2-10	____ UN1G-10
____ UN1A2-5	**Wooden Boxes**
Poly Drums-Closed Top	____ Cubic Yard Box
____ UN1H1-55	4C ____ Size
____ UN1H1-30	**Bin Delivery**
____ UN1H1-20	X NG Bin Number 2956
____ UN3H1-5	Bin Number ____

Other: ____

LABOR ALLOCATIONS

Chemist: ____

Technician: ____

X Driver: MOOKY

Time In: NOON Time Out: ____ Mileage ____

Rudy Dominguez SIGNATURE | President TITLE | 6-12-00 DATE

Authorized signature acknowledges receipt of servicers rendered and agrees to the obligations presented in this agreement

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.
[illegible]	[illegible]	[illegible]	

23. Generator's Name
Sage Power
2150 Commerce Drive
San Jose, CA 95131

L. State Manifest Document Number
CA-[illegible]
M. State Generator's ID
EXEMPT

24. Transporter ___ Company Name | 25. US EPA ID Number | N. State Transporter's ID | O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number | P. State Transporter's ID | Q. Transporter's Phone

	HM	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	✓	Waste Oxidizing Solid, Toxic, N.O.S. (Chromic Trioxide, Potassium Dichromate) 5.1 UN3087 PG II	001	DF	00015	P	D007 D027
b.	✓	Waste Aniline, Liquid, Corrosive, N.O.S. (Aniline, Isopropyl Alcohol) 8 UN2735 PG III	001	DF	00035	P	D002
c.	✓	Waste Hydrazine, Anhydrous 5.1 UN2029 PG II	002	DF	00070	G	D003, D001
d.	✓	RQ, Waste Flammable Liquids, N.O.S. (Contains Xylene and Ethyl Benzene) 3 UN1993 PG II	002	DF	00100	G	D001
e.	✓	RQ, Waste Flammable Liquids, N.O.S. (Contains n-Butyl Acetate and Ethanol) 3 UN1993 PG II	001	DF	00055	G	D001
f.	✓	Hazardous Waste Liquid, N.O.S. (Contains Propanol, Hydrochloric Acid) 9 NA3082 PG III	005	DF	00110	G	D002 D001
g.	✓	[illegible]	[illegible]				[illegible]
h.	✓	Waste Acetone, Flammable 2.1 UN1090	001	DF	00040	P	D001
i.	✓	RQ, Waste Flammable Liquids, N.O.S. (Contains Hexane, Naphtha) 3 UN1993 PG II	001	DM	00016	G	D001

S. Additional Descriptions for Materials Listed Above
28a: TYPE-005 UN1H2-55 28b: TYPE-011 UN1H1-55
28c: TYPE-006 UN1H2-36 28d: TYPE-012-016
28e: TYPE-007,008 UN1H1-55 (UN1H2-16)
28f: TYPE-004,010 UN1H1-55 28g: TYPE-013,015,017 30
28h: [illegible] (UN1993, PG II)
28i: TYPE-009 (UN1993, PG II)

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
28a-28b: [illegible] (Code: 55) 28c: [illegible]
28c: [illegible] (Code: 36) (Code: 36)
28e: [illegible] (Code: 21A)
28f: [illegible] (Code: 21A) [illegible] (Code: 21A)

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

34. Transporter ___ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

Arkansas Department of Environmental Quality
Hazardous Waste Division
P.O. Box 8913, Little Rock, AR 72219-8913
Telephone: (501) 682-0833

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD980817753 | Manifest Document No. 44889 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number AR-1124491
B. State Generator's ID

5. Transporter 1 Company Name: All Chemical Disposal, Inc.
6. US EPA ID Number: CAD982492399
C. State Transporter's ID H-1370 786
D. Transporter's Phone: (408) 363-1660

7. Transporter 2 Company Name: Division Transport
8. US EPA ID Number: ARD069748192
E. State Transporter's ID
F. Transporter's Phone: (870) 863-7173

9. Designated Facility Name and Site Address
Ensco, Incorporated
309 American Oil Road
El Dorado, AR 71730
10. US EPA ID Number: ARD069748192
G. State Facility's ID
H. Facility's Phone: (870) 863-7173

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
GENERATOR a. Waste Phosphorous Oxychloride, 8, UN1810, PGII Poison Inhalation Hazard ZONE 'B'	001	DF	00050	P	D002, D003
b. Waste Trichloroacetic acid, solution 8 UN2564 PGII	001	DF	00070	P	D002
c. Waste Corrosive Liquids, Oxidizing, N.O.S. (Contains Nitric acid and Hydrofluoric acid) 8 UN3093 PGII	001	DF	00045	P	D002, D001, D007
d. Waste Hydrobromic acid, with not more than 49% Hydrobromic acid 8 UN1788 PGII	001	DF	00012	P	D002

J. Additional Description for Materials Listed Above
11a: MPE-001 UN1H2-30 11d: MPE-004 UN1H2-S
11b: MPE-002 UN1H2-30
11c: MPE-003 UN1H2-30

K. Emergency Response Information
Emergency Phone: (408) 980-1613

If no alternate TSDF, return to generator

15. Special Handling Instructions and Additional Information
11a-11d: 1310964 (CA Code: 551)

Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packaged, marked, and labeled/placarded, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and Arkansas state regulations:
If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X For: Mage Power NATE COOPER	X	X	05	26,00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
For: All Chemical Disposal, Inc. Andrew D. Chaney	Andrew D. Chaney	05	26	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
For: Division Transport				

19. Discrepancy Indication Space

FACILITY

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

Printed/Typed Name	Signature	Month	Day	Year

EPA Form 8700-22 (Rev. 9-88) Previous edition is obsolete.

NOTICE: THE ORIGINAL AND NOT LESS THAN TWO (2) COPIES MUST MOVE WITH THE HAZARDOUS WASTE SHIPMENT. ONCE DELIVERED, THE TREATMENT/

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter.

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD980817534 — Manifest Document No. 48899 — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 99147829
B. State Generator's ID: EXEMPT
C. State Transporter's ID (Reserved)
D. Transporter Phone: (408)363-1660
E. State Transporter's ID (Reserved)
F. Transporter Phone: (408)363-1660
G. State Facility's ID
H. Facility's Phone: (559)386-9711

5. Transporter 1 Company Name: All Chemical Disposal, Inc. — 6. US EPA ID Number: CAD982492399
7. Transporter 2 Company Name: All Chemical Disposal, Inc. — 8. US EPA ID Number: CAD982492399
9. Designated Facility Name and Site Address: Chemical Waste Management, Incorporated, 35251 Old Skyline Road, Kettleman City, CA 93239 — 10. US EPA ID Number: CATO0064611 7

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	Waste No.
a. Hazardous Waste Solid, N.O.S. (Contains Arsenic) 9 NA3077 PG III	024	DM	04800 (EST)	P	352
b. NON-RCRA Hazardous Waste Solid	004	DM	00800 (EST)	P	352 NON RCRA
c.					
d.					

J. Additional Descriptions for Materials Listed Above
1K-DC-0224 (CONTAINS SS)
1K-DC-0158 (CONTAINS SS)

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a: EA 07351
11b: EA 07352
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
X Kris Wild for: Mage Power	X Kris Wild	05	24	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andrew D. Chaney for: All Chemical Disposal, Inc.	Andrew D Chaney	05	24	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.				

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99141067

DTSC 8022A (1/99)
EPA 8700—22

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P O Box 400, Sacramento, CA 95812-0400

State of California—Environmental Protection Agency
Form Approved: OMB No. 2050-0039 (Expires 9-30-99)
Please print or type (Form designed for use on elite (12-pitch) typewriter)

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No: CAD980817753 — Manifest Document No: 44889
2. Page 1 of 1
Information in the shaded areas is not required by Federal law

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 9914828
B. State Generator's ID: EXEMPT
C. State Transporter's ID (Reserved)
D. Transporter's Phone: (408)363-1660
E. State Transporter's ID (Reserved)
F. Transporter Phone: (408)363-1660
G. State Facility's ID
H. Facility's Phone: (310)835-0775

5. Transporter 1 Company Name: All Chemical Disposal, Inc. — 6. US EPA ID Number: CAD982492899
7. Transporter 2 Company Name: All Chemical Disposal, Inc. — 8. US EPA ID Number: CAD982492399
9. Designated Facility Name and Site Address: Ensco West, Incorporated, 1737 E. Denni St., Wilmington, CA 90744 — 10. US EPA ID Number: CAD044429835

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol	Waste
a. Waste Sodium Hydroxide Solution (EST) 8 UN1824 PG II	029	D	F 01450	G	F132 D002
b. RQ, Waste Corrosive Liquids, Acidic, Inorganic, N.O.S. (Contains Hydrofluoric acid and Ammonium Bifluoride) (EST) 8 UN3264 PG II	017	D	F 00850	G	F001 D002
c. Waste Sulfuric acid (EST) 8 UN1830 PG II	005	D	F 00250	G	F002 D002
RQ Waste Corrosive Liquids, Acidic, Inorganic, N.O.S. (Contains Hydrofluoric acid and Nitric acid) (EST) 8 UN3264 PG II	001	D	F 00050	G	F001 D002

J. Additional Descriptions for Materials Listed Above
a: PEW-001-029 D001, H1-55
b: PEW-030-047 D001, H1-55
c: PEW-048-053 D001, H1-55
d: PEW-053

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a: 1310963 11d: 1310966
11b: 1310961
11c: 1310962

Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X for: Mage Power Kris Wild	X	05	24	00

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc. Andrew D. Chaney	Andrew D. Chaney	05	24	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal Inc.				

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

9914828

DTSC 8022A (1/99)
EPA 8700—22

Blue: GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
To: P.O. Box 400, Sacramento, CA 95812-0400

Service Agreement

Contractor's License #599864

All Chemical Disposal Inc.
21 Great Oaks Blvd. • San Jose, CA 95119-1359
Tel. 408-363-1660 • Fax: 408-363-3587

Services Provided

Lab Packing: 4X30, 2X55 (1310964)

Consolidation:

Sampling:

Compacting:

Transportation: 2X55 (1310960)
2X55 (1310957)
1X55 (1310958)
3X55, 1X30, 1X16 (~~1310959~~ 1310959)
1X55 (1310968)

Profile Recertification: 1X30 (1310967)
1X55 (1310956)

Other:

Project Information

Date: 5/26/00

Project Number: ~~4~~ 4889

Customer Name: Mage Power

Site Address: 250 Commerce Drive

City, State, Zip: San Jose, CA

EPA ID Number:

Equipment Used

Floor Dry ____ Bags		Gloves ____ Nitrile
Vermiculite ____ Bags		Gloves ____ Leather
Drum Liners ____ Total		Sample Bottle ____ Total
Label Sets ____ Total		Sample Pump ____ lg. ____ sm
Tyvek Suits ____ Standard		Visqueen ____
Tyvek Suits ____ Polylaminated		Compactor ____
Respirator Cart: ____ Single Stage		Sawzall ____
Respirator Cart. ____ Combination		Steam Cleaner ____
Gloves ____ Latex		Other:

WORK TO BE DONE/SUPPLIES REQUIRED

* Used own supplies. already billed for labels.

+ early Mon P/U

Drums Used

Metal Drums Closed Top	Poly Drums Open Top
____ UN1A1-55	____ UN1H2-55
____ UN1A1-30	____ UN1H2-30
____ UN1A1-20	____ UN1H2-20
____ UN1A1-5	____ UN1H2-5
Metal Drums Open Top	**Fiber Drums**
____ UN1A2-55	____ UN1G-55
____ UN1A2-30	____ UN1G-30
____ UN1A2-20	____ UN1G-20
____ UN1A2-10	____ UN1G-10
____ UN1A2-5	**Wooden Boxes**
Poly Drums-Closed Top	____ Cubic Yard Box
____ UN1H1-55	4C ____ Size
____ UN1H1-30	**Bin Delivery**
____ UN1H1-20	Bin Number ____
____ UN3H1-5	Bin Number ____

Other: ____

LABOR ALLOCATIONS

Chemist: Andy 6.0

Technician:

Driver: Mark D 6.0

Time In: ____ Time Out: ____ Mileage 40

SIGNATURE ____ TITLE ____ DATE 5-26-00

Authorized signature acknowledges receipt of servicers rendered and agrees to the obligations presented in this agreement

Service Agreement

Contractor's License #599864

All Chemical Disposal Inc.
21 Great Oaks Blvd • San Jose, CA 95119-1359
Tel: 408-363-1660 • Fax: 408-363-3587

Services Provided

Lab Packing:

Consolidation.

Sampling

Compacting:

Transportation 1 NOV Bin # 295C - 46yd w/ liner

Profile Recertification.

Other::

Project Information

Date: 5/17/00

Project Number: 44889

Customer Name: Manpower R & S Tech

Site Address: 219 Commerce Way

City, State, Zip: San Jose Ca

EPA ID Number

Equipment Used

Floor Dry ____ Bags	Gloves ____ Nitrile
Vermiculite ____ Bags	Gloves ____ Leather
✓ Bin ~~Drum~~ Liners 1 Total	Sample Bottle ____ Total
Label Sets ____ Total	Sample Pump ____ lg. ____ sm
Tyvek Suits ____ Standard	Visqueen ____
Tyvek Suits ____ Polylaminated	Compactor ____
Respirator Cart. ____ Single Stage	Sawzall ____
Respirator Cart. ____ Combination	Steam Cleaner ____
Gloves ____ Latex	Other:

WORK TO BE DONE/SUPPLIES REQUIRED

Drums Used

Metal Drums Closed Top	Poly Drums Open Top
____ UN1A1-55	____ UN1H2-55
____ UN1A1-30	____ UN1H2-30
____ UN1A1-20	____ UN1H2-20
____ UN1A1-5	____ UN1H2-5
Metal Drums Open Top	**Fiber Drums**
____ UN1A2-55	____ UN1G-55
____ UN1A2-30	____ UN1G-30
____ UN1A2-20	____ UN1G-20
____ UN1A2-10	____ UN1G-10
____ UN1A2-5	**Wooden Boxes**
Poly Drums-Closed Top	____ Cubic Yard Box
____ UN1H1-55	4C ____ Size
____ UN1H1-30	**Bin Delivery**
____ UN1H1-20	Bin Number ____
____ UN3H1-5	Bin Number ____
	Other: ____

LABOR ALLOCATIONS

Chemist:

Technician:

Driver: T/T 2 Jim 2 hrs

Time In: ____, Time Out: ____ Mileage ____

Fritz Wild — SIGNATURE

Foreman — TITLE

5/17/00 — DATE

Authorized signature acknowledges receipt of servicers rendered and agrees to the obligations presented in this agreement Rudy Gonzalez

Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982812534 | Manifest Document No. 99147828 | 2. Page 1 of 1 | Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 99147828
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: All Chemical Disposal, Inc. | 6. US EPA ID Number: CAD982812534
C. State Transporter's ID (Reserved)
D. Transporter Phone: (408) 980-1613

7. Transporter 2 Company Name: All Chemical Disposal, Inc. | 8. US EPA ID Number: CAD982812534
E. State Transporter's ID (Reserved)
F. Transporter Phone: (408) 980-1613

9. Designated Facility Name and Site Address: Envisco West, Incorporated, 1737 E. Denni St., Wilmington, CA 90744 | 10. US EPA ID Number: CAD982812534
G. State Facility's ID
H. Facility's Phone: (310) 835-0391

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	Type	13. Total Quantity	14. Unit Wt/Vol
a. Waste Sodium Hydroxide Solution 8 UN1824 PG II	029	DF	011450 (EST)	G
b. RQ, Waste Corrosive Liquids, Acidic, Inorganic, NOS (Contains Hydrofluoric acid and Ammonium Bifluoride) 8 UN3264 PG II	017	DF	001350 (EST)	G
c. Waste Sulfuric acid 8 UN1830 PG II	005	DF	000250 (EST)	G
d. Waste Corrosive Liquids, Acidic, Inorganic, NOS (Contains Hydrofluoric acid and Nitric acid) 8 UN3264 PG II	001	DF	000150 (EST)	G

J. Additional Descriptions for Materials Listed Above

15. Special Handling Instructions and Additional Information
IIa: 1310963 IId: 1310966
IIb: 1310461
IIc: 1310962
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X For: Mage Power	X	X	X	X

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andrew D. Chow For: All Chemical Disposal, Inc.		05	24	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
For: All Chemical Disposal, Inc.				

FACILITY

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

99147828

DTSC 8022A (1/99)
EPA 8700—22

Yellow: GENERATOR RETAINS

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

Form Approved OMB No 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST *(Continuation Sheet)*

21. Generator's US EPA ID No.	Manifest Document No.	22. Page	Information in the shaded areas is not required by Federal law.

23. Generator's Name

Mage Power
2150 Commerce Drive
San Jose, CA 95131

L. State Manifest Document Number

M. State Generator's ID

24. Transporter ___ Company Name | 25. US EPA ID Number | N. State Transporter's ID | O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number | P. State Transporter's ID | Q. Transporter's Phone

	28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	RQ [illegible] (Contains [illegible]) 9	✓					D022
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							

S. Additional Descriptions for Materials Listed Above

28-9172-654-656 OVHHL-55

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

28-1312-005

Project #: 44201
[illegible]
San Jose, CA

GENERATOR

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

34. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

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

Form Approved. OMB No. 2050-0039.

UNIFORM HAZARDOUS WASTE MANIFEST *(Continuation Sheet)*

21. Generator's US EPA ID No. | Manifest Document No.

22. Page | Information in the shaded areas is not required by Federal law.

23. Generator's Name

Nage Power
2150 Commerce Drive

L. State Manifest Document Number

M. State Generator's ID

24. Transporter ___ Company Name | 25. US EPA ID Number

N. State Transporter's ID

O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number

P. State Transporter's ID

Q. Transporter's Phone

	28. US DOT Description *(Including Proper Shipping Name, Hazard Class, and ID Number)*	HM	29. Containers No.	29. Containers Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.		✓					D002
b.							
c.							
d.							
e.							
f.							
g.							
h.							
i.							

S. Additional Descriptions for Materials Listed Above

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information

GENERATOR

TRANSPORTER

33. Transporter ____ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

34. Transporter _____ Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Date (Month Day Year)

FACILITY

35. Discrepancy Indication Space

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

For Wastes Subject to the Treatment Standards Found in 40 CFR 268

Generator Name: Magi Power

Manifest No.: 99147828

WMDS	WW / NWW	Waste Codes, Subcategories and Hazardous Constituents	Special Conditions
1310963	☐ / ☑	D002 (NON-CWA, NON-SDWA) (CA:122)	
1310961	☐ / ☑	(CA:791)	
1310962	☐ / ☑	(CA:791)	
1310966	☐ / ☑	(CA:791)	
1310965	☐ / ☑	(CA:172)	
	☐ / ☐		
	☐ / ☐		

For waste steams that carry the EPA waste codes F001-F005, and F039, the Regulated Hazardous Constituents (found in 40 CFR Part 268.40) must be identified. For waste steams that carry the EPA waste codes D001 (if Not Treated by CMBST or RORGS), D002-D043 (if treated in Non-CWA, Non-CWA equivalent or Non-SDWA facilities), the Underlying Hazardous Constituents (UHC's) must be identified. [Wastewater forms of D012-D017 do not require that UHC's be identified.] List the constituents on the corresponding line or include a marked copy of the Form G-F0505 for each WMDS.

Special Conditions:

A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Characteristic wastes that are subject to the treatment standards in § 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in § 268.2(i); are treated on-site to remove the hazardous characteristic; and are then sent off-site for treatment of underlying hazardous constituents (List constituents).
G. Characteristic wastes that contain underlying hazardous constituents as defined § 268.2(i) that are treated on-site to remove the hazardous characteristic and the underlying hazardous constituents to levels in § 268.48 Universal Treatment Standards.
H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDFs handling wastes subject to 40 CFR 61 subpart FF ONLY: This waste is a "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR 61 subpart FF.
I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
J. Certification for contaminated soil treated in accordance with 40 CFR 268.49.

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature Kris Wild Title _____ Date 05/24/00

Applicable certification language included on page 2 of this document.

Universal Treatment Standards 40 CFR 268.48

☐ For WMDS _____, the Underlying Constituents have been identified by marking the box to the left of each constituent.

MANIFEST 99147828

☑ None of the Underlying Constituents are present in the following WMDS(s):

1310963, 1310962

Constituents by Chemical Name	WW Conc	NWW Conc
A2213+	0.042	1.4
Acenaphthene	0.059	3.4
Acenaphthylene	0.059	3.4
Acetone*	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide+	.19	23
Acrylonitrile	0.24	84
Aldicarb sulfone+	0.056	0.28
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	3.4
Aramite	0.36	NA
Barban+	0.056	1.4
Bendiocarb+	0.056	1.4
Bendiocarb phenol+	0.056	1.4
Benomyl+	0.056	1.4
Benz(A)Anthracene	0.059	3.4
Benzal Chloride+	0.055	6.0
Benzene*	0.14	10
Benzo(B)Fluoranthene	0.11	6.8
Benzo(K)Fluoranthene	0.11	6.8
Benzo(G,H,I)Perylene	0.0055	1.8
Benzo(A)Pyrene	0.061	3.4
Alpha-BHC	0.00014	0.066
Beta-BHC	0.00014	0.066
Delta-BHC	0.023	0.066
Gamma-BHC	0.0017	0.066
Bromodichloromethane	0.35	15
Bromomethane (Methyl Bromide)	0.11	15
4-Bromophenyl Phenyl Ether	0.055	15
N-Butyl Alcohol*	5.6	2.6
Butyl Benzyl Phthalate	0.017	28
Butylate+	0.042	1.4
2-Sec-Butyl-4,6-Dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl+	0.006	0.14
Carbendazim+	0.056	1.4
Carbofuran+	0.006	0.14
Carbofuran phenol+	0.056	1.4
Carbon Disulfide*	3.8	4.8 mg/l
Carbon Tetrachloride*	0.057	6.0
Carbosulfan+	0.028	1.4
Chlordane (Alpha And Gamma Isomers)	0.0033	0.26
P-Chloroaniline	0.46	16
Chlorobenzene*	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-Butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
Bis(2-Chloroethoxy)Methane	0.036	7.2
Bis(2-Chloroethyl)Ether	0.033	6.0
2-Chloroethyl Vinyl Ether	0.062	NA
Chloroform	0.046	6.0
Bis(2-Chloroisopropyl)Ether	0.055	7.2
P-Chloro-M-Cresol	0.018	14
Chloromethane(Methyl Chloride)	0.19	30
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4
O-Cresol*	0.11	5.6
M-Cresol*	0.77	5.6
P-Cresol*	0.77	5.6

Constituents by Chemical Name	WW Conc	NWW Conc
m-Cumenyl methylcarbamate+	0.056	1.4
Cyclohexanone*	0.36	0.75 mg/l
O,P'-DDD	0.023	0.087
P,P'-DDD	0.023	0.087
O,P'-DDE	0.031	0.087
P,P'-DDE	0.031	0.087
O,P'-DDT	0.0039	0.087
P,P'-DDT	0.0039	0.087
Dibenz(A,H)Anthracene	0.055	8.2
Dibenz(A,E)Pyrene	0.061	NA
1,2-Dibromo-3-Chloropropane	0.11	15
1,2-Dibromoethane (Ethylene Dibromide)	0.028	15
Dibromomethane	0.11	15
M-Dichlorobenzene	0.036	6.0
O-Dichlorobenzene*	0.088	6.0
P-Dichlorobenzene	0.090	6.0
Dichlorodifluoromethane	0.23	7.2
1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
Trans-1,2-Dichloroethylene	0.054	30
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-Dichlorophenoxyacetic Acid (2,4-D)	0.72	10
1,2-Dichloropropane	0.85	18
Cis-1,3-Dichloropropylene	0.036	18
Trans-1,3-Dichloropropylene	0.036	18
Dieldrin	0.017	0.13
Diethyl Phthalate	0.20	28
Diethylene glycol, dicarbamate+	0.056	1.4
P-Dimethylaminoazobenzene+	0.13	NA
2-4-Dimethyl Phenol	0.036	14
Dimethyl Phthalate	0.047	28
Dimetilan+	0.056	1.4
Di-N-Butyl Phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-O-Cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-N-Octyl Phthalate	0.017	28
Di-N-Propylnitrosamine	0.40	14
1,4-Dioxane	12	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenylhydrazine	0.087	NA
Disulfoton	0.017	6.2
Dithiocarbamates (total)+	0.028	28
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan Sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin Aldehyde	0.025	0.13
EPTC+	0.042	1.4
Ethyl Acetate*	0.34	33
Ethyl Benzene*	0.057	10
Ethyl Cyanide (Propanenitrile)	0.24	360
Ethyl Ether*	0.12	160
Ethyl Methacrylate	0.14	160
Ethylene Oxide	0.12	NA
Bis(2-Ethylhexyl) Phthalate	0.28	28
Famphur	0.017	15
Fluoranthene	0.068	3.4
Fluorene	0.059	3.4
Formetanate hydrochloride+	0.056	1.4

Constituents by Chemical Name	WW Conc	NWW Conc
Formparanate+	0.056	1.4
Heptachlor	0.0012	0.066
Heptachlor Epoxide	0.016	0.066
Hexachlorobenzene	0.055	10
Hexachlorobutadiene	0.055	5.6
Hexachlorocyclopentadiene	0.057	2.4
Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
HXCDDs (All Hexachlorodibenzo-P-Dioxins)	0.000063	0.001
HXCDFs (All Hexachlorodibenzofurans)	0.000063	0.001
Indeno (1,2,3-C,D) Pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutyl Alcohol*	5.6	170
Isodrin	0.021	0.066
Isolan+	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol*	5.6	0.75 mg/l
Methapyrilene	0.081	1.5
Methiocarb+	0.056	1.4
Methomyl+	0.028	0.14
Methoxychlor	0.25	0.18
Methyl Ethyl Ketone*	0.28	36
Methyl Isobutyl Ketone*	0.14	33
Methyl Methacrylate	0.14	160
Methyl Methansulfonate	0.018	NA
Methyl Parathion	0.014	4.6
3-Methylcholanthrene	0.0055	15
4,4-Methylene Bis(2-Chloroaniline)	0.50	30
Methylene Chloride*	0.089	30
Metolcarb+	0.056	1.4
Mexacarbate+	0.056	1.4
Molinate+	0.042	1.4
Naphthalene	0.059	5.6
2-Naphthylamine	0.52	NA
O-Nitroaniline+	0.27	14
P-Nitroaniline	0.028	28
Nitrobenzene*	0.068	14
5-Nitro-O-Toluidine	0.32	28
O-Nitrophenol+	0.028	13
P-Nitrophenol	0.12	29
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitroso-Di-N-Butylamine	0.40	17
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
Oxamyl+	0.056	0.28
Parathion	0.014	4.6
Total PCBs	0.10	10
Pebulate+	0.042	1.4
Pentachlorobenzene	0.055	10
PECDDs (All Pentachlorodibenzo-P-Dioxins)	0.000063	0.001
PECDFs (All Pentachlorodibenzofurans)	0.000035	0.001
Pentachloroethane+	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	5.6
Phenol	0.039	6.2
P-Phenylenediamine+	0.056	5.6
Phorate	0.021	4.6
Phthalic Acid+	0.055	28

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Constituents by Chemical Name	WW Conc	NWW Conc
Phthalic Anhydride	0.055	28
Physostigmine+	0.056	1.4
Physostigmine salicylate+	0.056	1.4
Promecarb+	0.056	1.4
Pronamide	0.093	1.5
Propham+	0.056	1.4
Propoxur+	0.056	1.4
Prosulfocarb+	0.042	1.4
Pyrene	0.067	8.2
Pyridine*	0.014	16
Safrole	0.081	22
Silvex (2,4,5-Tp)	0.72	7.9
1,2,4,5-Tetrachlorobenzene	0.055	14
TCDDs (All Tetrachlorodibenzo-P-Dioxins	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	0.000063	0.001
1,1,1,2-Tetrachloroethane	0.057	6.0
1,1,2,2-Tetrachloroethane	0.057	6.0
Tetrachloroethylene*	0.056	6.0
2,3,4,5-Tetrachlorophenol	0.030	7.4
Thiocarb+	0.019	1.4
Thiophanate-methyl+	0.056	1.4
Tirpate+	0.056	0.28
Toluene*	0.080	10
Toxaphene	0.0095	2.6
Triallate+	0.042	1.4
Tribromomethane (Bromoform)	0.63	15
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane*	0.054	6.0
1,1,2-Trichloroethane*	0.054	6.0
Trichloroethylene*	0.054	6.0
Trichloromonofluoromethane*	0.020	30
2,4,5-Trichlorophenol	0.18	7.4
2,4,6-Trichlorophenol	0.035	7.4
2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T)+	0.72	7.9
1,2,3-Trichloropropane	0.85	30
1,1,2-Trichloro-1,2,2-Trifluoroethane*	0.057	30
Triethylamine+	0.081	1.5
Tris-(2,3-Dibromopropyl) Phosphate	0.11	0.10
Vernolate+	0.042	1.5
Vinyl Chloride	0.27	6.0
Xylenes-Mixed Isomers(Sum Of O,M,&P)*	0.32	30
Antimony	1.9	1.15 mg/l
Arsenic	1.4	5.0 mg/l
Barium	1.2	21 mg/l
Beryllium	0.82	1.22 mg/l
Cadmium	0.69	0.11 mg/l
Chromium (Total)	2.77	0.60 mg/l
Cyanides (Total)	1.2	590
Cyanides (Amenable)	0.86	30
Fluoride	35	NA
Lead	0.69	0.75 mg/l
Mercury-NWW From Retort	NA	0.20 mg/l
Mercury-All Others	0.15	0.025 mg/l
Nickel	3.98	11.0 mg/l
Selenium	0.82	5.7 mg/l
Silver	0.43	0.14 mg/l
Sulfide	14	NA
Thallium	1.4	0.20 mg/l
Vanadium (Not An "UHC")	4.3	1.5 mg/l
Zinc - (Not An "UHC")	2.61	4.3 mg/l

WW = Wastewater as defined in 40 CFR 268.2 (f)
NWW = Non-Wastewater as defined in 40 CFR 268.2 (f)
Regulated Hazardous Constituents for F001-F005 are indicated with (*).
Regulated Hazardous Constituents for F039 include all of those listed above except those indicated with (+).
All Values are mg/l for wastewater and mg/kg for non-wastewater, unless designated mg/l, which are TCLP

Constituent Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i)

Universal Treatment Standards 40 CFR 268.48

☐ For WMDS _____, the Underlying Constituents have been identified by marking the box to the left of each constituent.

MANIFEST 99147828

☑ None of the Underlying Constituents are present in the following WMDS(s):

1310905, ~~1310960~~

Constituents by Chemical Name	WW Conc	NWW Conc
AZ213+	0.042	1.4
Acenaphthene	0.059	3.4
Acenaphthylene	0.059	3.4
Acetone*	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide +	19	23
Acrylonitrile	0.24	84
Aldicarb sulfone+	0.056	0.28
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	3.4
Aramite	0.36	NA
Barban+	0.056	1.4
Bendiocarb+	0.056	1.4
Bendiocarb phenol+	0.056	1.4
Benomyl+	0.056	1.4
Benz(A)Anthracene	0.059	3.4
Benzal Chloride+	0.055	6.0
Benzene*	0.14	10
Benzo(B)Fluoranthene	0.11	6.8
Benzo(K)Fluoranthene	0.11	6.8
Benzo(G,H,I)Perylene	0.0055	1.8
Benzo(A)Pyrene	0.061	3.4
Alpha-BHC	0.00014	0.066
Beta-BHC	0.00014	0.066
Delta-BHC	0.023	0.066
Gamma-BHC	0.0017	0.066
Bromodichloromethane	0.35	15
Bromomethane (Methyl Bromide)	0.11	15
4-Bromophenyl Phenyl Ether	0.055	15
N-Butyl Alcohol*	5.6	2.6
Butyl Benzyl Phthalate	0.017	28
Butylate+	0.042	1.4
2-Sec-Butyl-4,6-Dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl+	0.006	0.14
Carbenzadim+	0.056	1.4
Carbofuran+	0.006	0.14
Carbofuran phenol+	0.056	1.4
Carbon Disulfide*	3.8	4.8 mg/l
Carbon Tetrachloride*	0.057	6.0
Carbosulfan+	0.028	1.4
Chlordane (Alpha And Gamma Isomers)	0.0033	0.26
P-Chloroaniline	0.46	16
Chlorobenzene*	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-Butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
Bis(2-Chloroethoxy)Methane	0.036	7.2
Bis(2-Chloroethyl)Ether	0.033	6.0
2-Chloroethyl Vinyl Ether	0.062	NA
Chloroform	0.046	6.0
Bis(2-Chloroisopropyl)Ether	0.055	7.2
P-Chloro-M-Cresol	0.018	14
Chloromethane(Methyl Chloride)	0.19	30
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4
O-Cresol*	0.11	5.6
M-Cresol*	0.77	5.6
P-Cresol*	0.77	5.6

Constituents by Chemical Name	WW Conc	NWW Conc
m-Cumenyl methylcarbamate+	0.056	1.4
Cyclohexanone*	0.75	0.75 mg/l
O,P'-DDD	0.023	0.087
P,P'-DDD	0.023	0.087
O,P'-DDE	0.031	0.087
P,P'-DDE	0.031	0.087
O,P'-DDT	0.0039	0.087
P,P'-DDT	0.0039	0.087
Dibenz(A,H)Anthracene	0.055	8.2
Dibenz(A,E)Pyrene	0.061	NA
1,2-Dibromo-3-Chloropropane	0.11	15
1,2-Dibromoethane (Ethylene Dibromide)	0.028	15
Dibromomethane	0.11	15
M-Dichlorobenzene	0.036	6.0
O-Dichlorobenzene*	0.088	6.0
P-Dichlorobenzene	0.090	6.0
Dichlorodifluoromethane	0.23	7.2
1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
Trans-1,2-Dichloroethylene	0.054	30
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-Dichlorophenoxyacetic Acid (2,4-D)	0.72	10
1,2-Dichloropropane	0.85	18
Cis-1,3-Dichloropropylene	0.036	18
Trans-1,3-Dichloropropylene	0.036	18
Dieldrin	0.017	0.13
Diethyl Phthalate	0.20	28
Diethylene glycol, dicarbamate+	0.056	1.4
P-Dimethylaminoazobenzene+	0.13	NA
2,4-Dimethyl Phenol	0.036	14
Dimethyl Phthalate	0.047	28
Dimetilan+	0.056	1.4
Di-N-Butyl Phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-O-Cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-N-Octyl Phthalate	0.017	28
Di-N-Propylnitrosamine	0.40	14
1,4-Dioxane	12	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenylhydrazine	0.087	NA
Disulfoton	0.017	6.2
Dithiocarbamates (total)+	0.028	28
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan Sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin Aldehyde	0.025	0.13
EPTC+	0.042	1.4
Ethyl Acetate*	0.34	33
Ethyl Benzene*	0.057	10
Ethyl Cyanide (Propanenitrile)	0.24	360
Ethyl Ether*	0.12	160
Ethyl Methacrylate	0.14	160
Ethylene Oxide	0.12	NA
Bis(2-Ethylhexyl) Phthalate	0.28	28
Famphur	0.017	15
Fluoranthene	0.068	3.4
Fluorene	0.059	3.4
Formetanate hydrochloride+	0.056	1.4

Constituents by Chemical Name	WW Conc	NWW Conc
Formparanate+	0.056	1.4
Heptachlor	0.0012	0.066
Heptachlor Epoxide	0.016	0.066
Hexachlorobenzene	0.055	10
Hexachlorobutadiene	0.055	5.6
Hexachlorocyclopentadiene	0.057	2.4
Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
HXCDDs (All Hexachlorodibenzo-P-Dioxins)	0.000063	0.001
HXCDFs (All Hexachlorodibenzofurans)	0.000063	0.001
Indeno (1,2,3-C,D) Pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutyl Alcohol*	5.6	170
Isodrin	0.021	0.066
Isolan+	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol*	5.6	0.75 mg/l
Methapyrilene	0.081	1.5
Methiocarb+	0.056	1.4
Methomyl+	0.028	0.14
Methoxychlor	0.25	0.18
Methyl Ethyl Ketone*	0.28	36
Methyl Isobutyl Ketone*	0.14	33
Methyl Methacrylate	0.14	160
Methyl Methansulfonate	0.018	NA
Methyl Parathion	0.014	4.6
3-Methylcholanthrene	0.0055	15
4,4-Methylene Bis(2-Chloroaniline)	0.50	30
Methylene Chloride*	0.089	30
Metolcarb+	0.056	1.4
Mexacarbate+	0.056	1.4
Molinate+	0.042	1.4
Naphthalene	0.059	5.6
2-Naphthylamine	0.52	NA
O-Nitroaniline+	0.27	14
P-Nitroaniline	0.028	28
Nitrobenzene*	0.068	14
5-Nitro-O-Toluidine	0.32	28
O-Nitrophenol+	0.028	13
P-Nitrophenol	0.12	29
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitroso-Di-N-Butylamine	0.40	17
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
Oxamyl+	0.056	0.28
Parathion	0.014	4.6
Total PCBs	0.10	10
Pebulate+	0.042	1.4
Pentachlorobenzene	0.055	10
PECDDs (All Pentachlorodibenzo-P-Dioxins)	0.000063	0.001
PECDFs (All Pentachlorodibenzofurans)	0.000035	0.001
Pentachloroethane+	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	5.6
Phenol	0.039	6.2
P-Phenylenediamine+	0.056	5.6
Phorate	0.021	4.6
Phthalic Acid+	0.055	28

Universal Treatment Standards 40 CFR 268.48 - Contd.

Constituents by Chemical Name	WW Conc	NWW Conc
Phthalic Anhydride	0 055	28
Physostigmine+	0.056	1.4
Physostigmine salicylate+	0.056	1.4
Promecarb+	0 056	1.4
Pronamide	0.093	1 5
Propham+	0.056	1.4
Propoxur+	0.056	1.4
Prosulfocarb+	0.042	1.4
Pyrene	0.067	8 2
Pyridine*	0 014	16
Safrole	0 081	22
Silvex (2,4,5-Tp)	0 72	7.9
1 2 4,5-Tetrachlorobenzene	0 055	14
TCDDs (All Tetrachlorodibenzo-P-Dioxins	0 000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	0 000063	0 001
1 1,1,2-Tetrachloroethane	0 057	6 0
1,1,2,2-Tetrachloroethane	0.057	6 0
Tetrachloroethylene*	0 056	6.0
2 3 4 6-Tetrachlorophenol	0.030	7 4
Thiodicarb+	0.019	1.4

Constituents by Chemical Name	WW Conc	NWW Conc
Thiophanate-methyl+	0.056	1.4
Tirpate+	0.056	0.28
Toluene*	0 080	10
Toxaphene	0 0095	2 6
Triallate+	0.042	1.4
Tribromomethane (Bromoform)	0 63	15
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane*	0 054	6.0
1,1,2-Trichloroethane*	0 054	6.0
Trichloroethylene*	0 054	6 0
Trichloromonofluoromethane*	0 020	30
2,4,5-Trichlorophenol	0 18	7 4
2,4,6-Trichlorophenol	0 035	7 4
2,4,5-Trichlorophenoxyacetic Acid (2 4,5-T)+	0 72	7.9
1,2,3-Trichloropropane	0 85	30
1 1,2-Trichloro-1,2,2-Trifluoroethane*	0 057	30
Triethylamine+	0.081	1.5
Tris-(2,3-Dibromopropyl) Phosphate	0 11	0 10
Vernolate+	0.042	1.5
Vinyl Chloride	0 27	6 0

Constituents by Chemical Name	WW Conc	NWW Conc
Xylenes-Mixed Isomers(Sum Of O,M,&P)*	0 32	30
Antimony	1 9	1 15 mg/l
Arsenic	1 4	5 0 mg/l
Barium	1.2	21 mg/l
Beryllium	0 82	1 22 mg/l
Cadmium	0 69	0 11 mg/l
Chromium (Total)	2 77	0 60 mg/l
Cyanides (Total)	1 2	590
Cyanides (Amenable)	0 86	30
Fluoride	35	NA
Lead	0 69	0 75 mg/l
Mercury-NWW From Retort	NA	0 20 mg/l
Mercury-All Others	0 15	0 025 mg/l
Nickel	3.98	11 0 mg/l
Selenium	0 82	5.7 mg/l
Silver	0 43	0 14 mg/l
Sulfide	14	NA
Thallium	1 4	0 20 mg/l
Vanadium (Not An "UHC")	4 3	1 6 mg/l
Zinc - (Not An "UHC")	2 61	4 3 mg/l

WW = Wastewater as defined in 40 CFR 268.2 (f)
NWW = Non-Wastewater as defined in 40 CFR 268.2 (f)
Regulated Hazardous Constituents for F001-F005 are indicated with (*).
Regulated Hazardous Constituents for F039 include all of those listed above except those indicated with (+).
All Values are mg/l for wastewater and mg/kg for non-wastewater, unless designated mg/l, which are TCLP

Constituent — Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i)

1310966 Universal Treatment Standards 40 CFR 268.48

page ____ of ____

☐ For WMDS 1310961, the Underlying Constituents have been identified by marking the box to the left of each constituent.

MANIFEST 99147828

☐ None of the Underlying Constituents are present in the following WMDS(s):

Constituents by Chemical Name	WW Conc	NWW Conc
AZ113+	0.042	1.4
Acenaphthene	0.059	3.4
Acenaphthylene	0.059	3.4
Acetone*	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide +	19	23
Acrylonitrile	0.24	84
Aldicarb sulfone+	0.056	0.28
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	3.4
Aramite	0.36	NA
Barban+	0.056	1.4
Bendiocarb+	0.056	1.4
Benfluralin+	0.056	1.4
Benomyl+	0.056	1.4
Benz(A)Anthracene	0.059	3.4
Benzal Chloride+	0.055	6.0
Benzene*	0.14	10
Benzo(B)Fluoranthene	0.11	6.8
Benzo(K)Fluoranthene	0.11	6.8
Benzo(G,H,I)Perylene	0.0055	1.8
Benzo(A)Pyrene	0.061	3.4
Alpha-BHC	0.00014	0.066
Beta-BHC	0.00014	0.066
Delta-BHC	0.023	0.066
Gamma-BHC	0.0017	0.066
Bromodichloromethane	0.35	15
Bromomethane (Methyl Bromide)	0.11	15
4-Bromophenyl Phenyl Ether	0.055	15
N-Butyl Alcohol*	5.6	2.6
Butyl Benzyl Phthalate	0.017	28
Butylate+	0.042	1.4
2-Sec-Butyl-4,6-Dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl+	0.006	0.14
Carbenzadim+	0.056	1.4
Carbofuran+	0.006	0.14
Carbofuran phenol+	0.056	1.4
Carbon Disulfide*	3.8	4.8 mg/l
Carbon Tetrachloride*	0.057	6.0
Carbosulfan+	0.028	1.4
Chlordane (Alpha And Gamma Isomers)	0.0033	0.26
P-Chloroaniline	0.46	16
Chlorobenzene*	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-Butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
Bis(2-Chloroethoxy)Methane	0.036	7.2
Bis(2-Chloroethyl)Ether	0.033	6.0
2-Chloroethyl Vinyl Ether	0.062	NA
Chloroform	0.046	6.0
Bis(2-Chloroisopropyl)Ether	0.055	7.2
P-Chloro-M-Cresol	0.018	14
Chloromethane(Methyl Chloride)	0.19	30
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4
O-Cresol*	0.11	5.6
M-Cresol*	0.77	5.6
P-Cresol*	0.77	5.6

Constituents by Chemical Name	WW Conc	NWW Conc
m-Cumenyl methylcarbamate+	0.056	1.4
Cyclohexanone*	0.36	0.75 mg/l
O,P'-DDD	0.023	0.087
P,P'-DDD	0.023	0.087
O,P'-DDE	0.031	0.087
P,P'-DDE	0.031	0.087
O,P'-DDT	0.0039	0.087
P,P'-DDT	0.0039	0.087
Dibenz(A,H)Anthracene	0.055	8.2
Dibenz(A,E)Pyrene	0.061	NA
1,2-Dibromo-3-Chloropropane	0.11	15
1,2-Dibromoethane (Ethylene Dibromide)	0.028	15
Dibromomethane	0.11	15
M-Dichlorobenzene	0.036	6.0
O-Dichlorobenzene*	0.088	6.0
P-Dichlorobenzene	0.090	6.0
Dichlorodifluoromethane	0.23	7.2
1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
Trans-1,2-Dichloroethylene	0.054	30
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-Dichlorophenoxyacetic Acid (2,4-D)	0.72	10
1,2-Dichloropropane	0.85	18
Cis-1,3-Dichloropropylene	0.036	18
Trans-1,3-Dichloropropylene	0.036	18
Dieldrin	0.017	0.13
Diethyl Phthalate	0.20	28
Diethylene glycol, dicarbamate+	0.056	1.4
P-Dimethylaminoazobenzene+	0.13	NA
2,4-Dimethyl Phenol	0.036	14
Dimethyl Phthalate	0.047	28
Dimetilan+	0.056	1.4
Di-N-Butyl Phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-O-Cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-N-Octyl Phthalate	0.017	28
Di-N-Propylnitrosamine	0.40	14
1,4-Dioxane	12	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenylhydrazine	0.087	NA
Disulfoton	0.017	6.2
Dithiocarbamates (total)+	0.028	28
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan Sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin Aldehyde	0.025	0.13
EPTC+	0.042	1.4
Ethyl Acetate*	0.34	33
Ethyl Benzene*	0.057	10
Ethyl Cyanide (Propanenitrile)	0.24	360
Ethyl Ether*	0.12	160
Ethyl Methacrylate	0.14	160
Ethylene Oxide	0.12	NA
Bis(2-Ethylhexyl) Phthalate	0.28	28
Famphur	0.017	15
Fluoranthene	0.068	3.4
Fluorene	0.059	3.4
Formetanate hydrochloride+	0.056	1.4

Constituents by Chemical Name	WW Conc	NWW Conc
Formparanate+	0.056	1.4
Heptachlor	0.0012	0.066
Heptachlor Epoxide	0.016	0.066
Hexachlorobenzene	0.055	10
Hexachlorobutadiene	0.055	5.6
Hexachlorocyclopentadiene	0.057	2.4
Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
HXCDDs (All Hexachlorodibenzo-P-Dioxins)	0.000063	0.001
HXCDFs (All Hexachlorodibenzofurans)	0.000063	0.001
Indeno (1,2,3-C,D) Pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutyl Alcohol*	5.6	170
Isodrin	0.021	0.066
Isolan+	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol*	5.6	0.75 mg/l
Methapyrilene	0.081	1.5
Methiocarb+	0.056	1.4
Methomyl+	0.028	0.14
Methoxychlor	0.25	0.18
Methyl Ethyl Ketone*	0.28	36
Methyl Isobutyl Ketone*	0.14	33
Methyl Methacrylate	0.14	160
Methyl Methansulfonate	0.018	NA
Methyl Parathion	0.014	4.6
3-Methylcholanthrene	0.0055	15
4,4-Methylene Bis(2-Chloroaniline)	0.50	30
Methylene Chloride*	0.089	30
Metolcarb+	0.056	1.4
Mexacarbate+	0.056	1.4
Molinate+	0.042	1.4
Naphthalene	0.059	5.6
2-Naphthylamine	0.52	NA
O-Nitroaniline+	0.27	14
P-Nitroaniline	0.028	28
Nitrobenzene*	0.068	14
5-Nitro-O-Toluidine	0.32	28
O-Nitrophenol+	0.028	13
P-Nitrophenol	0.12	29
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitroso-Di-N-Butylamine	0.40	17
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
Oxamyl+	0.056	0.28
Parathion	0.014	4.6
Total PCBs	0.10	10
Pebulate+	0.042	1.4
Pentachlorobenzene	0.055	10
PECDDs (All Pentachlorodibenzo-P-Dioxins)	0.000063	0.001
PECDFs (All Pentachlorodibenzofurans)	0.000035	0.001
Pentachloroethane+	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	5.6
Phenol	0.039	6.2
P-Phenylenediamine+	0.056	5.6
Phorate	0.021	4.6
Phthalic Acid+	0.055	28

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Constituents by Chemical Name	WW Conc	NWW Conc
Phthalic Anhydride	0.055	28
Physostigmine+	0.056	1.4
Physostigmine Salicylate+	0.056	1.4
Promecarb+	0.056	1.4
Pronamide	0.093	1.5
Propham+	0.056	1.4
Propoxur+	0.056	1.4
Prosulfocarb+	0.042	1.4
Pyrene	0.067	8.2
Pyridine*	0.014	16
Safrole	0.081	22
Silvex (2,4,5-Tp)	0.72	7.9
1,2,4,5-Tetrachlorobenzene	0.055	14
TCDDs (All Tetrachlorodibenzo-P-Dioxins	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	0.000063	0.001
1,1,1,2-Tetrachloroethane	0.057	6.0
1,1,2,2-Tetrachloroethane	0.057	6.0
Tetrachloroethylene*	0.056	6.0
2,3,4,6-Tetrachlorophenol	0.030	7.4
Thiodicarb+	0.019	1.4

Constituents by Chemical Name	WW Conc	NWW Conc
Thiophanate-methyl+	0.056	1.4
Tirpate+	0.056	0.28
Toluene*	0.080	10
Toxaphene	0.0095	2.6
Triallate+	0.042	1.4
Tribromomethane (Bromoform)	0.63	15
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane*	0.054	6.0
1,1,2-Trichloroethane*	0.054	6.0
Trichloroethylene*	0.054	6.0
Trichloromonofluoromethane*	0.020	30
2,4,5-Trichlorophenol	0.18	7.4
2,4,6-Trichlorophenol	0.035	7.4
2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T)+	0.72	7.9
1,2,3-Trichloropropane	0.85	30
1,1,2-Trichloro-1,2,2-Trifluoroethane*	0.057	30
Triethylamine+	0.081	1.5
Tris-(2,3-Dibromopropyl) Phosphate	0.11	0.10
Vernolate+	0.042	1.5
Vinyl Chloride	0.27	6.0

Constituents by Chemical Name	WW Conc	NWW Conc
Xylenes-Mixed Isomers(Sum Of O,M,&P)*	0.32	30
Antimony	1.9	1.15 mg/l
Arsenic	1.4	5.0 mg/l
Barium	1.2	21 mg/l
Beryllium	0.82	1.22 mg/l
Cadmium	0.69	0.11 mg/l
Chromium (Total)	2.77	0.60 mg/l
Cyanides (Total)	1.2	590
Cyanides (Amenable)	0.86	30
Fluoride	[illegible]	NA
Lead	0.69	0.75 mg/l
Mercury-NWW From Retort	NA	0.20 mg/l
Mercury-All Others	0.15	0.025 mg/l
Nickel	3.98	11.0 mg/l
Selenium	0.82	5.7 mg/l
Silver	0.43	0.14 mg/l
Sulfide	14	NA
Thallium	1.4	0.20 mg/l
Vanadium (Not An "UHC")	4.3	1.6 mg/l
Zinc - (Not An "UHC")	2.61	4.3 mg/l

WW = Wastewater as defined in 40 CFR 268.2 (f)
NWW = Non-Wastewater as defined in 40 CFR 268.2 (f)
Regulated Hazardous Constituents for F001-F005 are indicated with (*).
Regulated Hazardous Constituents for F039 include all of those listed above except those indicated with (+).
All Values are mg/l for wastewater and mg/kg for non-wastewater; unless designated mg/l, which are TCLP

Constituent — Between August 25, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i)

Service Agreement

Contractor's License #599864

All Chemical Disposal Inc.
21 Great Oaks Blvd • San Jose, CA 95119-1359
Tel 408-363-1660 • Fax 408-363-3587

Services Provided

Lab Packing.

Consolidation.

Sampling:

Compacting:

Transportation: ~~24~~ 24x55 (EA07351) to CWM
4x55 (EA07352) on 99147829
29x55 (1310963)
17x55 (1310961)
5x55 (1310962) } to EWI
1x55 (1310966)
3x55 (1310965) } on 99147828

Profile Recertification:

Other:

Project Information

Date: 5-24-00

Project Number: 414889

Customer Name: Magic Power

Site Address: 2150 Commerce Dr

City, State, Zip: San Jose

EPA ID Number

Equipment Used

Floor Dry ____ Bags	✓ Gloves 1/2 bx Nitrile
Vermiculite ____ Bags	Gloves ____ Leather
Drum Liners ____ Total	Sample Bottle ____ Total
✓ Label Sets 125 Total Pre Printed	Sample Pump ____ lg. ____ sm
Tyvek Suits ____ Standard	Visqueen ____
Tyvek Suits ____ Polylamnated	Compactor ____
Respirator Cart. ____ Single Stage	Sawzall ____
Respirator Cart. ____ Combination	Steam Cleaner ____
Gloves ____ Latex	Other:

WORK TO BE DONE/SUPPLIES REQUIRED

Drums Used

Metal Drums Closed Top	Poly Drums Open Top
____ UN1A1-55	____ UN1H2-55
____ UN1A1-30	____ UN1H2 30
____ UN1A1-20	____ UN1H2-20
____ UN1A1-5	____ UN1H2-5
Metal Drums Open Top	**Fiber Drums**
____ UN1A2-55	____ UN1G-55
____ UN1A2-30	____ UN1G-30
____ UN1A2-20	____ UN1G-20
____ UN1A2-10	____ UN1G-10
____ UN1A2-5	**Wooden Boxes**
Poly Drums-Closed Top	____ Cubic Yard Box
____ UN1H1-55	4C ____ Size
____ UN1H1-30	**Bin Delivery**
____ UN1H1-20	Bin Number ____
____ UN3H1-5	Bin Number ____

Other: ____

LABOR ALLOCATIONS

✓ Chemist: Andy 8.0

Technician:

✓ Driver: Mark D. 8.0, Mooky 2.5

Time In: ____ Time Out: ____ Mileage 40

Lisa Wild — SIGNATURE

Lead Tech. — TITLE

05/24/00 — DATE

Authorized signature acknowledges receipt of servicers rendered and agrees to the obligations presented in this agreement

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No.	Manifest Document No.	2 Page 1 of 1	Information in the shaded areas is not required by Federal law
CAD982173434			

3. Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 991478257
B. State Generator's ID: [illegible]

5. Transporter 1 Company Name: All Chemical Disposal, Inc. 6. US EPA ID Number: CAD982[illegible]
C. State Transporter's ID [Reserved]:
D. Transporter's Phone: (408) [illegible]

7. Transporter 2 Company Name: All Chemical Disposal, Inc. 8. US EPA ID Number: CAD982[illegible]
E. State Transporter's ID [Reserved]:
F. Transporter's Phone: (408) 263-1650

9. Designated Facility Name and Site Address: Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239 10. US EPA ID Number: CAD982[illegible]
G. State Facility's ID:
H. Facility's Phone: (559) 386-9711

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No.
a. Hazardous Waste Solid, N.O.S. (Contains Arsenic) 9 NA3077 PG III	02Y	DM	01800 (EST)	P	331
b. NON-RCRA Hazardous Waste Solid	01Y	DM	01800 (EST)	P	NON-RCRA
c.					
d.					

J. Additional Descriptions for Materials Listed Above
E. CA 331 (Cadmium)
F. CA 331 (Cadmium)

K. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a: EA 07351
11b: EA 07352
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X [illegible] for Mage Power	X [signature]	05	14	10

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc. Andrew P. Chavez	[signature]	05	14	10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.				

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR
TRANSPORTER
FACILITY

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

991478257

DTSC 8022A (1/99)
EPA 8700-22

Yellow: GENERATOR RETAINS

ALL CHEM
Contractor's License #599864
All Chemical Disposal, Inc.
941 Berryessa Road, Suite D • San Jose, CA 95133
Tel 408-453-1660 • Fax. 408-453-3087

PROJECT ~~STATUS REPORT~~ Service Agreement

Project Number: 44889 **DATE:** 5-30-00

JOB SITE INFORMATION

SALES REP: Susan LOCATION: Maxim Power (R+D)

PROJECT LEAD: Andy CITY, STATE, ZIP: San Jose

GENERATOR CONTACT: Rudy CONTACT PHONE:

APPLICABLE CHANGES IN SCOPE OF WORK REQUIRING SALES REP NOTIFICATION:

Waste → 1X55(1310997)
1X55(1310998)
1X55(1311008) } on 112499 to ENS
1X55(1310995)
2X55(1311009)
1X55(1310996)
1X55(1310999)

* Supplies provide or on another SUC agreement

~~GENERATOR SPECIFIC INSTRUCTIONS~~:

Hours.

Andy 2.0

Marshall 2.0

Customer Signature X [signature] X 5/30/00
date

[signature]
All Chemical Disposal, Inc. Representative

Forms by ALLCHEM

ensco environmental systems company **Waste Material Data Sheet**

1310998 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Waste Phosphoric acid Solution

1310998 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 1 0 5

Process Generating Waste SIC #

Process Description Facility Closure / Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid 100 %
☐ Solid ____ %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: CA 791

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☐ RQ Waste Corrosive Liquid, Acidic, Organic, N.O.S.
Hazard Class 8 ID # UN3265 PG II Technical N.O.S. descriptions (Contains Phosphoric acid)

Anticipated Volume: 5 or 6 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN3H1-5 Weight Per Container: 35-40 lbs

ensco environmental systems company **Waste Material Data Sheet**

1310998 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

☐ Fuming/Smoking Waste	☐ Water Reactive
☐ Dioxins & Furans	☐ Air Reactive
☐ Ozone Depletion 40 CFR 82	☐ Explosive
☐ Chlorine _____ %	☐ Radioactive
☐ Bromine _____ %	☐ Biological
☐ Iodine _____ %	☐ Shock Sensitive
☐ Flourine _____ %	☐ Asbestos
☐ Cyanides _____ ppm	☐ Affected Benzene Waste
☐ Sulfides _____ ppm	☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
☐ Phenolics _____ ppm	
☐ PCB _____ ppm	☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.0	1.2	
(3) Viscosity (centipoise)	1	100	
(4) PH ..... **constituent**	2	3	
(5) BTUs (1000/lb)	2K	3K	
(6) Flash Point (closed cup °F)	<200°F		

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Phosphonic acid	20 %	40	- %	
Surfactants	10 %	15	- %	
Water	50 %	60	- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	

(2) Physical Composition

Liquid	%		- 100 %	
	%		- %	
	%		- %	
	%		- %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310998

X _____ X _____ X _____ X _____

AUTHORIZED SIGNATURE | PRINT NAME | TITLE | DATE

ENSCO USE ONLY
☐ EnPak Project #
_____
RECERT DATE
_____

Controlled Document No. R - F0001 8/97

COPY (2) CUSTOMER COPY

ensco Waste Material Data Sheet

1311009 pg 1

☑ EL DORADO, AR
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ WILMINGTON, CA
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

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A. General Information

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State CA Zip 95119
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USEPA ID # CAD982492399

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Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name DT Resin Beads

1311009 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 4 0 9
Process Generating Waste SIC #
Process Description Facility Closure/Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Red Brown
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid 5-10 %
☑ Solid 90-95 %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☐ Single Layer
☐ Double Layer
☑ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☐ Yes ☑ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: NON-RCRA

List any State Waste Codes or other state designations: CA 352

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☑ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☐ RQ NON-RCRA Hazardous Waste Solid
Hazard Class — ID # — PG — Technical N.O.S. descriptions (Resin Beads)

Anticipated Volume: 2 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1A2-55 Weight Per Container: 500 lb

ensco environmental systems company **Waste Material Data Sheet**

1311009 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine ____ %
- ☐ Bromine ____ %
- ☐ Iodine ____ %
- ☐ Flourine ____ %
- ☐ Cyanides ____ ppm
- ☐ Sulfides ____ ppm
- ☐ Phenolics ____ ppm
- ☐ PCB ____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity			N/A
(3) Viscosity (centipoise)			N/A
(4) PH ..... constituent	6	8	
(5) BTUs (1000/lb)	5K	8K	
(6) Flash Point (closed cup °F)			N/A

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.

	Minimum	Maximum	Avg/Actual	CAS Number
(Resin Beads from deionizing water treatment unit	~~50~~ 40 %	~~100~~ 95 %	- ____ %	
Water	5 %	10 %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	

(2) Physical Composition

Solid	90 %	95 %	- ____ %	
Liquid	5 %	10 %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1311009

AUTHORIZED SIGNATURE | PRINT NAME | TITLE | DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco environmental systems company — Waste Material Data Sheet

1310962 pg 1

☐ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☑ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

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A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Sulfuric acid

1310962 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 1 0 5

Process Generating Waste SIC #

Process Description Closure of Facility / Water Treatment Unit

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear/Light Brown
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid	100	%
☐ Solid		%
☐ Sludge		%
☐ Powder		%
☐ Gas		%

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☐ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☑ Specific Facility Only: Water Treatment

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: CA: 791

G. Shipping Information

PROPER SHIPPING DESCRIPTION
☐ RQ Waste Sulfuric acid
Hazard Class 8 ID # UN1830 PG II Technical N.O.S. descriptions

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

Anticipated Volume: Drums/Containers Bulk Liquid/Gallons Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1H1-55 Weight Per Container: N 75016

ensco environmental systems company — Waste Material Data Sheet

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☑ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.7	1.8	
(3) Viscosity (centipoise)	100	500	
(4) PH ..... constituent	0	2	
(5) BTUs (1000/lb)	N/A	N/A	
(6) Flash Point (closed cup °F)	N/A	N/A	

(7) Metals	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Sulfuric acid	~~50~~ %	~~98~~	53 %	
Water	~~2~~ %	~~50~~	47 %	
	%		%	
	%		%	
	%		%	
	%		%	
	%		%	
	%		%	

(2) Physical Composition

Liquid	%	100	%	
	%		%	
	%		%	
	%		%	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310962

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE
Kris Wild	Kris Wild	Lead	7/1/96

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco environmental systems company

Waste Material Data Sheet

1310963 pg 1

☐ EL DORADO, AR
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☑ WILMINGTON, CA
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

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ENSCO CUSTOMER ☑ Invoice ☑ Certification

Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification

Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Sodium Hydroxide Solution

1310963 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 5 7 Form Code B 1 1 0

Process Generating Waste SIC #:

Process Description Facility Closure (Water Treatment Unit)

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid 99-100 %
☑ Solid 0-1 %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☐ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☑ Specific Facility Only: Water Treatment

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: CA: 122

G. Shipping Information

PROPER SHIPPING DESCRIPTION

☐ RQ Waste Sodium Hydroxide Solution

Hazard Class 8 ID # UN1824 PG II Technical N.O.S. descriptions

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

Anticipated Volume: ____ Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons

Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other

Weight Per Container: 250 - 450 lb

ensco environmental systems company **Waste Material Data Sheet**

1310963 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☐ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.0	1.2	
(3) Viscosity (centipoise)	1	100	
(4) PH constituent	13	14	
(5) BTUs (1000/lb)	N/A	N/A	
(6) Flash Point (closed cup °F)	N/A	N/A	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	None			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.

	Minimum	Maximum	Avg/Actual	CAS Number
Sodium Hydroxide	30 %	40	- %	
Water	60 %	70	- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	

(2) Physical Composition

Liquid	99 %	100	- %	
Solid	0 %	1	- %	
	%		- %	
	%		- %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310963

x AUTHORIZED SIGNATURE	x PRINT NAME	x TITLE	x DATE
	Kris Wild	Lead	5/29/01

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco environmental systems company

Waste Material Data Sheet

1310965 pg 1

EL DORADO, AR
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☑ WILMINGTON, CA
ENSCO WEST INC.
Technical Manager
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Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Waste Developer (Tetramethylammonium Hydroxide)

1310965 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 2 1 9

Process Generating Waste SIC #

Process Description Facility (Semiconductor) closure

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor Ammonia
☐ None ☑ Strong
☐ Mild

☑ Liquid 100 %
☐ Solid ____ %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: 172

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☑ RQ Waste Corrosive Liquids, Basic, Organic, N.O.S.
Hazard Class 8 ID # UN2672 PG II Technical N.O.S. descriptions Contains Tetramethylammonium hydroxide

Anticipated Volume: 3 ~~Drums~~/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☑ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1A1-55 Weight Per Container:

ensco environmental systems company **Waste Material Data Sheet**

1310965 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☒

Metal Objects: ☐ No ☐ Yes - Describe, include dimensions: _____.

☐ Fuming/Smoking Waste	☐ Water Reactive
☐ Dioxins & Furans	☐ Air Reactive
☐ Ozone Depletion 40 CFR 82	☐ Explosive
☐ Chlorine _____ %	☐ Radioactive
☐ Bromine _____ %	☐ Biological
☐ Iodine _____ %	☐ Shock Sensitive
☐ Flourine _____ %	☐ Asbestos
☐ Cyanides _____ ppm	☐ Affected Benzene Waste
☐ Sulfides _____ ppm	☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
☐ Phenolics _____ ppm	
☐ PCB _____ ppm	☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	1.0	
(3) Viscosity (centipoise)	1	100	
(4) PH ..... constituent	13	14	
(5) BTUs (1000/lb)	6K	8K	
(6) Flash Point (closed cup °F)	>200°		

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Tetramethylammonium Hydroxide	30 %	40	- _____ %	
Water	60 %	70	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	

(2) Physical Composition

Liquid	_____ %	_____	- 100 %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310965

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE
x [signature]	x 3267 Kris Wild	x Lead	x 05/04/00

ENSCO USE ONLY
☐ EnPak Project #
_____
RECERT DATE
_____

Controlled Document No. R - F0001 8/97

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ensco environmental systems company **Waste Material Data Sheet**

1310966 pg 1

☐ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☑ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☐ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Aluminum Etch Solution

1310966 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 1 0 5
Process Generating Waste SIC #
Process Description Facility (Semiconductor) Closure

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid 99-100 %
☐ Solid 0-1 %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☐ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☑ Specific Facility Only: Water Treatment

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: 791

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

Waste Corrosive Liquids, Acidic, Inorganic, N.O.S.
Hazard Class 8 ID # UN3264 PG II Technical N.O.S. descriptions Contains Hydrofluoric and nitric acids

Anticipated Volume: 1 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UNIH1-55 Weight Per Container: 400

ensco environmental systems company **Waste Material Data Sheet**

1310966 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☒ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☒

Metal Objects: ☒ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☒ Flourine 0-5 %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.1	1.3	
(3) Viscosity (centipoise)	1	100	
(4) PH constituent	1	3	
(5) BTUs (1000/lb)	N/A	N/A	
(6) Flash Point (closed cup °F)	N/A	N/A	

(7) Metals	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Hydrofluoric acid	15 %	30	- _____ %	
Nitric acid	10 %	20	- _____ %	
Ammonium Bifluoride	5 %	15	- _____ %	
Water	50 %	60	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	

(2) Physical Composition

Liquid	99 %	100	- _____ %	
Solid	0 %	1	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310966

x Kris Wild	x Kris Wild	x Lead	x 05/24/00
AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE

ENSCO USE ONLY
☐ EnPak Project #
_____
RECERT DATE
_____

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ensco environmental systems company — Waste Material Data Sheet

1310961 pg 1

● **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Hydrofluoric acid and Ammonium Bifluoride Solution

1310961 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 1 0 5

Process Generating Waste SIC #:

Process Description Closure of Semiconductor Facility

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor:
☑ None ☐ Strong ☐ Mild

☑ Liquid	99-100	%
☑ Solid	0-1	%
☐ Sludge		%
☐ Powder		%
☐ Gas		%

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☐ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☑ Specific Facility Only:
Water Treatment

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: CA: 791

G. Shipping Information

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

PROPER SHIPPING DESCRIPTION

☑ RQ Waste Corrosive Liquids, Acidic, Inorganic, N.O.S.
Hazard Class 8 ID # UN3264 PG II Technical N.O.S. descriptions Contains Hydrofluoric acid and Ammonium Bifluoride

Anticipated Volume: ____ Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☑ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: DW 41 - 55 Weight Per Container: 400 lb

ensco environmental systems company **Waste Material Data Sheet**

1310961 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

☐ Fuming/Smoking Waste	☐ Water Reactive
☐ Dioxins & Furans	☐ Air Reactive
☐ Ozone Depletion 40 CFR 82	☐ Explosive
☐ Chlorine ____ %	☐ Radioactive
☐ Bromine ____ %	☐ Biological
☐ Iodine ____ %	☐ Shock Sensitive
☑ Flourine 0-5 %	☐ Asbestos
☐ Cyanides ____ ppm	☐ Affected Benzene Waste
☐ Sulfides ____ ppm	☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
☐ Phenolics ____ ppm	
☐ PCB ____ ppm	☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.0	1.2	
(3) Viscosity (centipoise)	1	100	
(4) PH ..... constituent	1	3	
(5) BTUs (1000/lb)	N/A	N/A	
(6) Flash Point (closed cup °F)	N/A	N/A	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.

	Minimum	Maximum	Avg/Actual	CAS Number
Hydrofluoric acid	15 %	35	- ____ %	
Ammonium Hydroxide	5 %	15	- ____ %	
Water	50 %	60	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	

(2) Physical Composition

Liquid	CA %	100	- ____ %	
Solid	0 %	1	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310961

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE
Kris Zell	Kris Wilt	Lead	05/24/00

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

Controlled Document No. R - F0001 8/97

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ensco environmental systems company — Waste Material Data Sheet

1310999 pg 1

EL DORADO, AR
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ WILMINGTON, CA
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal Inc
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Polyethylene glycol Solution

1310999 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 2 L I

Process Generating Waste SIC #

Process Description Facility Closure

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor
☑ None ☐ Strong ☐ Mild

		PHASES
☑ Liquid	100 %	☑ Single Layer
☐ Solid	____ %	☑ Double Layer
☐ Sludge	____ %	☐ Multi-Layer
☐ Powder	____ %	
☐ Gas	____ %	

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☐ Yes ☑ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: NONE

List any State Waste Codes or other state designations: CA: 343

G. Shipping Information

DOT Hazardous Material ☐ Yes ☑ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

PROPER SHIPPING DESCRIPTION
☐ RQ Non-RCRA Hazardous Waste Liquid
Hazard Class — ID # — PG — Technical N.O.S. descriptions (Polyethylene Glycol)

Anticipated Volume: 1 (Drums)/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☑ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other ____
Container Size and Type: DM17-55 Weight Per Container 250

ensco environmental systems company **Waste Material Data Sheet**

1310999 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☐ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	0.9	
(3) Viscosity (centipoise)	500	1000	
(4) PH ..... constituent	6	8	
(5) BTUs (1000/lb)	6K	10K	
(6) Flash Point (closed cup °F)	≤200°F		

(7) Metals	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm	✓			

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Polyethylene Glycol	80 %	~~80~~ 100	%	
Water	0 %	20	%	
	%		%	
	%		%	
	%		%	
	%		%	
	%		%	
	%		%	

(2) Physical Composition

Liquid	%		100 %	
	%		%	
	%		%	
	%		%	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310999

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco environmental systems company **Waste Material Data Sheet**

1310996 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

☐ Fuming/Smoking Waste
☐ Dioxins & Furans
☐ Ozone Depletion 40 CFR 82
☐ Chlorine _____ %
☐ Bromine _____ %
☐ Iodine _____ %
☐ Flourine _____ %
☐ Cyanides _____ ppm
☐ Sulfides _____ ppm
☐ Phenolics _____ ppm
☐ PCB _____ ppm

☐ Water Reactive
☐ Air Reactive
☐ Explosive
☐ Radioactive
☐ Biological
☐ Shock Sensitive
☐ Asbestos
☐ Affected Benzene Waste
☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	0.9	
(3) Viscosity (centipoise)	200	500	
(4) PH constituent	6	8	
(5) BTUs (1000/lb)	8K	12K	
(6) Flash Point (closed cup °F)	<200°F		

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Waste Dump Oil	95 %	100	- _____ %	
Water	0 %	5	- _____ %	
Sludge	0 %	5	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	

(2) Physical Composition

Liquid	95 %	100	- _____ %	
Sludge	0 %	5	- _____ %	
	_____ %	_____	- _____ %	
	_____ %	_____	- _____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310996

AUTHORIZED SIGNATURE PRINT NAME TITLE DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

Controlled Document No. R - F0001, 8/97

COPY (S) CUSTOMER COPY

ensco environmental systems company — Waste Material Data Sheet

1310996 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980317753

B. Waste Description

Waste Name Waste Pump Oil

1310996 Controlled Document No R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 2 0 6

Process Generating Waste SIC #

Process Description Facility Closure / Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Dark Brown
Odor None
☑ None ☐ Strong ☐ Mild

☑ Liquid 95-100%
☐ Solid ____ %
☑ Sludge 0-5 %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☐ Single Layer
☐ Double Layer
☑ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☑ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☐ Yes ☑ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: ____

List any State Waste Codes or other state designations: CA: 221

G. Shipping Information

PROPER SHIPPING DESCRIPTION

NON-DORA Hazardous Waste Liquid

Hazard Class — ID # — PG — Technical N.O.S. descriptions Waste Oil

DOT Hazardous Material ☐ Yes ☑ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

Anticipated Volume: 1 (Drums)/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☑ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other ____
Container Size and Type: Pump Oil Weight Per Container: 350 lb

ensco Waste Material Data Sheet

environmental systems company

1310995 pg 1

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ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Mark Navratil / Shawon Moody
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd
City San Jose
State CA Zip 95119
Phone # (408) 363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Mark Navratil / Shawon Moody
Shipper Name Mage Power
Address 2158 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408) 363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Spill Cleanup / Absorbed Oil and Solvents

1310995 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 93 Form Code B 4 0 9

Process Generating Waste SIC #

Process Description Waste from Facility Closure / Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Varies
Odor Solvent
☐ None ☐ Strong ☑ Mild

		PHASES
☑ Liquid	0-5 %	☐ Single Layer
☑ Solid	95-100 %	☐ Double Layer
☐ Sludge	____ %	☑ Multi-Layer
☐ Powder	____ %	
☐ Gas	____ %	

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: F002

List any State Waste Codes or other state designations: CA 352

G. Shipping Information

PROPER SHIPPING DESCRIPTION

NA Hazardous Waste Solid N.O.S.

Hazard Class 9 ID # NA3077 PG III Technical N.O.S. descriptions Contains Oil and Acetone

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

Anticipated Volume: 1 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons

Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other

Container Size and Type: UN1A2-55 Weight Per Container: 350lb

ensco environmental systems company **Waste Material Data Sheet**

1310995 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity			N/A
(3) Viscosity (centipoise)			N/A
(4) PH constituent	4	8	
(5) BTUs (1000/lb)	6K	10K	
(6) Flash Point (closed cup °F)	<200°		

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
(Absorbent Wipes, Spill Pillows, PPE - Contaminated with Oil and acetone)	%	%	100 %	
	%	%	%	
	%	%	%	
	%	%	%	
	%	%	%	
	%	%	%	
	%	%	%	
	%	%	%	

(2) Physical Composition

Liquid	0 %	5	-	%	
Solid	95 %	100	-	%	
	%	%	-	%	
	%	%	-	%	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310995

X _____ X _____ X _____ X _____

AUTHORIZED SIGNATURE | PRINT NAME | TITLE | DATE

ENSCO USE ONLY
☐ EnPak Project #
_____
RECERT DATE
_____

ensco environmental systems company — Waste Material Data Sheet

1311008 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal Inc
Address 21 Great Oaks Blvd
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Corrosive Solid/Spill Cleanup

1311008 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 3 1 9

Process Generating Waste SIC #

Process Description

C. General Characteristics (at 70° F unless otherwise specified)

Color Varies
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid 0-10 %
☑ Solid 90-100 %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☐ Single Layer
☐ Double Layer
☑ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: NONE

List any State Waste Codes or other state designations: Cal 181

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☐ RQ Waste Corrosive Solids, Basic, Inorganic, N.O.S.
Hazard Class 8 ID # UN3262 PG II Technical N.O.S. descriptions (Sodium Hydroxide, Potassium Hydroxide)

Anticipated Volume: 1 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☑ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1H7-55 Weight Per Container: 200 lb

ensco environmental systems company **Waste Material Data Sheet**

1311008 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity			N/A
(3) Viscosity (centipoise)			N/A
(4) PH ..... constituent	12	14	
(5) BTUs (1000/lb)			N/A
(6) Flash Point (closed cup °F)			N/A

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Sodium Hydroxide	20 %	30 % -	%	
Potassium Hydroxide	0 %	5 % -	%	
Sodium Thiosulfate	50 %	60 % -	%	
Water	0 %	5 % -	%	
Spill Cleanup Pillows, Plastic bags, gloves	5 %	10 % -	%	
	%	% -	%	
	%	% -	%	
	%	% -	%	

(2) Physical Composition

Solid	90 %	100 % -	%	
Liquid	0 %	10 % -	%	
	%	% -	%	
	%	% -	%	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1311008

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

AUTHORIZED SIGNATURE | PRINT NAME | TITLE | DATE

Controlled Document No. R - F0001 8/97

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ensco environmental systems company

Waste Material Data Sheet

1310997 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Ammonium Hydroxide Solution

1310997 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 1 1 0

Process Generating Waste SIC #

Process Description

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor Ammonia
☐ None ☑ Strong
☐ Mild

☑ Liquid 100 %
☐ Solid ____ %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☐ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☑ Specific Facility Only: Water Treatment

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: CA: 122

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

Waste Ammonia Solution

Hazard Class 8 ID # UN2672 PG III Technical N.O.S. descriptions

Anticipated Volume: ____ Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: ____ Weight Per Container:

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☐ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.0	1.2	
(3) Viscosity (centipoise)	1	50	
(4) PH ..... constituent	13	14	
(5) BTUs (1000/lb)	N/A	N/A	
(6) Flash Point (closed cup °F)	N/A	N/A	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Ammonium Hydroxide	____ %	____	29 %	
Water	____ %	____	71 %	
	____ %	____	____ %	
	____ %	____	____ %	
	____ %	____	____ %	
	____ %	____	____ %	
	____ %	____	____ %	
	____ %	____	____ %	

(2) Physical Composition

Liquid	____ %	____	100 %	
	____ %	____	____ %	
	____ %	____	____ %	
	____ %	____	____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310997

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE
X	X	X	X

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST (Continuation Sheet)

21. Generator's US EPA ID No. | Manifest Document No. | 22. Page | Information in the shaded areas is not required by Federal law.

23. Generator's Name
Mirec Power
2150 Commerce Drive
San Jose, CA 95133 Attn: Rudy Gonzalez

L. State Manifest Document Number: AR-112401
M. State Generator's ID: EXEMPT

24. Transporter ___ Company Name | 25. US EPA ID Number | N. State Transporter's ID | O. Transporter's Phone

26. Transporter ___ Company Name | 27. US EPA ID Number | P. State Transporter's ID | Q. Transporter's Phone

	HM	28. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)	29. Containers No.	Type	30. Total Quantity	31. Unit Wt/Vol	R. Waste No.
a.	✓	Waste Oxidizing Solids, Toxic, N.O.S. (Chromic Trioxide, Potassium Dichromate) 5.1 UN3087 PG II	001	DF	00015	P	D001, D007
b.	✓	Waste Amines, Liquid, Corrosive, N.O.S. (Ammonium Hydroxide) 8 UN2735 PG III	001	DF	00035	P	D002
c.	✓	Waste Hydrogen Peroxide Solution 5.1 UN2014 PG II	002	DF	00070	G	D002, D001
d.	✓	RG, Waste Flammable Liquids, N.O.S. (Contains Kerosene and Isopropanol) 3 UN1993 PG II	002	DF	00100	G	D001
e.	✓	RG, Waste Flammable Liquids, N.O.S. (Contains n-Butylacetate and Ethanol) 3 UN1993 PG II	001	DF	00050	G	D001
f.	✓	Hazardous Waste Liquid, N.O.S. (Contains Propylene Glycol and Chloroform) 9 NA3082 PG III	005	DF	00170	G	D001, D022
g.	✓	RG Waste [illegible] 3 UN1263 PG II	001	DF	00030	G	D001, D002, F003
h.	✓	Waste Aerosols, Flammable 2.1 UN1950	001	DF	00045	P	D001
i.	✓	RG Waste Flammable Liquids, N.O.S. (Contains Hexane, Methyl Silicate) 3 UN1993 PG II	001	DM	00016	G	D001

S. Additional Descriptions for Materials Listed Above
28a: MPE-005 UNH2-5
28b: MPE-006 UNH2-30
28c: MPE-007, 008 UNIH1-55
28d: MPE-009, 010 UNIH1-55
28e: MPE-014 UNH2-5
28e: MPE-011 UNIH1-55
28f: MPE-012-016 (UNIH1-55, 30, 10)
28h: MPE-015 UNIH2-30

T. Handling Codes for Wastes Listed Above

32. Special Handling Instructions and Additional Information
28a-28b: 1310464 (ERA Code: 55) 28c: 1310464 (ERA Code: 214)
28c: 1310464 (ERA Code: 214) 28d: 1310464 (ERA Code: 214)
28e: 1310453 (ERA Code: 214) 28f: 1310464 (ERA Code: 214)
28h: 1310458 (ERA Code: 214) 28i: 1310464 (ERA Code: 214)
28i: 1310456 (ERA Code: 214)
Project #: 44500
Site: 2150 Commerce Drive
San Jose, CA 95131

TRANSPORTER

33. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date: Month Day Year

34. Transporter ___ Acknowledgement of Receipt of Materials | Printed/Typed Name | Signature | Date: Month Day Year

FACILITY

35. Discrepancy Indication Space

Style CF 18 Labelmaster, An American Labelmark Co., Chicago, IL 60646 (800) 621-5808

EPA Form 8700-22A (Rev 9-88) Previous editions are obsolete

GENERATOR COPY

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

For Wastes Subject to the Treatment Standards Found in 40 CFR 268

Generator Name: Magc Power Manifest No.: 1124491

WMDS	WW / NWW	Waste Codes, Subcategories and Hazardous Constituents	Special Conditions
1310964	☐ / ☑	D002 (NON-CWA, NON-SDWA) D003 (C1: 551)	B
	☐ / ☑	D002 (NON-CWA, NON-SDWA)	
	☐ / ☑	D002 (NON-CWA, NON-SDWA)	
	☐ / ☑	D002 (NON-CWA, NON-SDWA)	
	☐ / ☑	D001 Low TOC, D007	
	☐ / ☑	D002 (NON-CWA, NON-SDWA) ~~551 (C1: 791)~~	
1310962	☐ / ☑	D001 Low TOC, D002 (Non (C1: 791)	

For waste steams that carry the EPA waste codes F001-F005, and F039, the Regulated Hazardous Constituents (found in 40 CFR Part 268.40) must be identified. For waste steams that carry the EPA waste codes D001 (if Not Treated by CMBST or RORGS), D002-D043 (if treated in Non-CWA, Non-CWA equivalent or Non-SDWA facilities), the Underlying Hazardous Constituents (UHC's) must be identified. [Wastewater forms of D012-D017 do not require that UHC's be identified.] List the constituents on the corresponding line or include a marked copy of the Form G-F0505 for each WMDS.

Special Conditions:

A. Waste Requiring No Further Treatment
B. Lab Pack Waste Qualifying for Alternative Treatment under 40 CFR 268.42(c)
C. Hazardous Waste Debris subject to standard treatment requirements, 40 CFR 268.40
D. Hazardous Waste Debris subject to alternative standards in 40 CFR 268.45 (List Contaminants)
E. Waste Qualifying for Exemption and not subject to Land Disposal Restriction (Explain)
F. Characteristic wastes that are subject to the treatment standards in § 268.40 (other than those expressed as a required method of treatment) that are reasonably expected to contain underlying hazardous constituents as defined in § 268.2(i); are treated on-site to remove the hazardous characteristic; and are then sent off-site for treatment of underlying hazardous constituents (List constituents).
G. Characteristic wastes that contain underlying hazardous constituents as defined § 268.2(i) that are treated on-site to remove the hazardous charac eristic and the underlying hazardous constituents to levels in § 268.48 Universal Treatment Standards.
H. For Chemical Manufacturers, Petroleum Refineries, Coke By-Product Facilities and RCRA TSDFs handling wastes subject to 40 CFR 61 subpart FF ONLY: This waste is a "Controlled Benzene Waste" which is subject to the notification requirements of 40 CFR 61 subpart FF.
I. Certification for contaminated soil indicating the presence or absence of characteristic and / or listed hazardous wastes.
J. Certification for contaminated soil treated in accordance with 40 CFR 268.49.

Waste analysis is attached where available, otherwise, the information contained herein is based upon my thorough knowledge of the waste(s).

I hereby certify that I believe that the information I submitted is true, accurate and complete.

Signature [signature] Title SUPERVISOR Date 10-5-2600

Applicable certification language included on page 2 of this document.

LAND DISPOSAL RESTRICTION NOTIFICATION FORM
Continuation Page

page ___ of ___

WMDS	WW / NWW	Waste Codes, Subcategories and Hazardous Constituents	Special Conditions
1310957	☐ / ☑	D001 High TOC Ignitable (CA: 214)	
1310958	☐ / ☑	D001 High TOC Ignitable (CA: 214)	
1310959	☐ / ☑	NON-RCRA. (CA: 343)	
1310968	☐ / ☑	D001 High TOC Ignitable, F002, F003 (CA: 214)	
1310967	☐ / ☑	D001 High TOC Ignitable (CA: 214)	
1310956	☐ / ☑	D001 High TOC Ignitable (CA: 214)	
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		
	☐ / ☐		

Additional Information:

LDR NOTIFICATION FORM

☐ CWA ☑ NON-CWA

Indicate all waste codes and subcategories

WMDS 1310644

LAB PACK ADDENDUM

☐ ELIGIBLE UNDER 268 APPENDIX IV

☑ NOT ELIGIBLE UNDER 268 APPENDIX IV

Manifest 112441 /

Page _____ of _____

| | | |

Universal Treatment Standards 40 CFR 268.48

☐ For WMDS _____, the Underlying Constituents have been identified by marking the box to the left of each constituent.

MANIFEST 112441

☑ None of the Underlying Constituents are present in the following WMDS(s):

1310960, 1310957, 1310959, 1310967, 1310956

Constituents by Chemical Name	WW Conc	NWW Conc
A2213	0.042	1.4
Acenaphthene	0 059	3 4
Acenaphthylene	0 059	3 4
Acetone*	0.28	160
Acetonitrile	5 6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide	19	23
Acrylonitrile	0 24	84
Aldicarb sulfone	0.056	0.28
Aldrin	0.021	0 066
4-Aminobiphenyl	0 13	NA
Aniline	0 81	14
Anthracene	0 059	3 4
Aramite	0.36	NA
Barban	0.056	1.4
Bendiocarb	0.056	1.4
Bendiocarb phenol	0.056	1.4
Benomyl	0.056	1.4
Benz(A)Anthracene	0.059	3 4
Benzal Chloride	0 055	6.0
Benzene*	0.14	10
Benzo(B)Fluoranthene	0 11	6 8
Benzo(K)Fluoranthene	0 11	6.8
Benzo(G H I)Perylene	0.0055	1 8
Benzo(A)Pyrene	0 061	3 4
Alpha-BHC	0 00014	0.066
Beta-BHC	0 00014	0 066
Delta-BHC	0 023	0 066
Gamma-BHC	0 0017	0 066
Bromodichloromethane	0 35	15
Bromomethane (Methyl Bromide)	0.11	15
4-Bromophenyl Phenyl Ether	0 055	15
N-Butyl Alcohol*	5 6	2.6
Butyl Benzyl Phthalate	0 017	28
Butylate	0 042	1 4
2-Sec-Butyl-4 6-Dinitrophenol (Dinoseb)	0 066	2.5
Carbaryl	0.006	0.14
Carbenzadim	0.056	1.4
Carbofuran	0.006	0.14
Carbofuran phenol	0.056	1.4
Carbon Disulfide*	3 8	4 8 mg/l
Carbon Tetrachloride*	0 057	6 0
Carbosulfan	0.028	1.4
Chlordane (Alpha And Gamma Isomers)	0 0033	0 26
P-Chloroaniline	0 46	16
Chlorobenzene*	0 057	6 0
Chlorobenzilate	0 10	NA
2-Chloro-1 3-Butadiene	0 057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0 27	6 0
Bis(2-Chloroethoxy)Methane	0 036	7 2
Bis(2-Chloroethyl)Ether	0.033	6 0
2-Chloroethyl Vinyl Ether	0.062	NA
Chloroform	0 046	6.0
Bis(2-Chloroisopropyl)Ether	0 055	7 2
P-Chloro-M-Cresol	0 018	14
Chloromethane(Methyl Chloride)	0.19	30
2-Chloronaphthalene	0 055	5 6
2-Chlorophenol	0 044	5 7
3-Chloropropylene	0 036	30
Chrysene	0 059	3 4
O-Cresol*	0 11	5.6
M-Cresol*	0 77	5 6
P-Cresol*	0 77	5.6
m-Cumenyl methylcarbamate	0.056	1.4
Cyclohexanone*	0 35	0 75 mg/l
O P'-DDD	0 023	0 087
P P'-DDD	0 023	0 087
O P'-DDE	0 031	0.087
P P'-DDE	0 031	0 087
O P'-DDT	0 0039	0 087
P P'-DDT	0 0039	0.087
Dibenz(A H)Anthracene	0 055	8 2
Dibenz(A E)Pyrene	0 061	NA
1 2-Dibromo-3-Chloropropane	0 11	15
1 2-Dibromoethane (Ethylene Dibromide)	0.028	15
Dibromomethane	0 11	15
M-Dichlorobenzene	0.036	6 0
O-Dichlorobenzene*	0.088	6 0
P-Dichlorobenzene	0.090	6.0
Dichlorodifluoromethane	0.23	7 2
1 1-Dichloroethane	0 059	6 0
1 2-Dichloroethane	0 21	6 0
1 1-Dichloroethylene	0 025	6 0
Trans-1 2-Dichloroethylene	0.054	30
2 4-Dichlorophenol	0 044	14
2 6-Dichlorophenol	0 044	14
2 4-Dichlorophenoxyacetic Acid (2 4-D)	0 72	10
1 2-Dichloropropane	0 85	18
Cis-1 3-Dichloropropylene	0.036	18
Trans-1 3-Dichloropropylene	0 036	18
Dieldrin	0 017	0 13
Diethyl Phthalate	0.20	28
Diethylene glycol, dicarbamate	0.056	1.4
P-Dimethylaminoazobenzene	0 13	NA
2-4-Dimethyl Phenol	0 036	14
Dimethyl Phthalate	0 047	28
Dimetilan	0.056	1.4
Di-N-Butyl Phthalate	0 057	28
1 4-Dinitrobenzene	0 32	2.3
4 6-Dinitro-O-Cresol	0.28	160
2 4-Dinitrophenol	0 12	160
2 4-Dinitrotoluene	0 32	140
2 6-Dinitrotoluene	0 55	28
Di-N-Octyl Phthalate	0 017	28
Di-N-Propylnitrosamine	0 40	14
1 4-Dioxane	12	170
Diphenylamine	0 92	13
Diphenylnitrosamine	0 92	13
1,2-Diphenylhydrazine	0 087	NA
Disulfoton	0.017	6 2
Dithiocarbamates (total)	0.028	28
Endosulfan I	0 023	0.066
Endosulfan II	0 029	0 13
Endosulfan Sulfate	0 029	0 13
Endrin	0 0028	0 13
Endrin Aldehyde	0.025	0.13
EPTC	0.042	1.4
Ethyl Acetate*	0 34	33
Ethyl Benzene*	0 057	10
Ethyl Cyanide (Propanenitrile)	0 24	360
Ethyl Ether*	0.12	160
Ethyl Methacrylate	0 14	160
Ethylene Oxide	0 12	NA
Bis(2-Ethylhexyl) Phthalate	0.28	28
Famphur	0 017	15
Fluoranthene	0 068	3 4
Fluorene	0 059	3 4
Formetanate hydrochloride	0.056	1.4
Formparanate	0.056	1.4
Heptachlor	0 0012	0 066
Heptachlor Epoxide	0 016	0 066
Hexachlorobenzene	0 055	10
Hexachlorobutadiene	0 055	5 6
Hexachlorocyclopentadiene	0 057	2 4
Hexachloroethane	0 055	30
Hexachloropropylene	0 035	30
HXCDDs (All Hexachlorodibenzo-P-Dioxins)	0 000063	0 001
HXCDFs (All Hexachlorodibenzofurans)	0 000063	0 001
Indeno (1 2 3-C,D) Pyrene	0 0055	3 4
Iodomethane	0.19	65
Isobutyl Alcohol*	5.6	170
Isodrin	0 021	0 066
Isolan	0.056	1.4
Isosafrole	0 081	2.6
Kepone	0 0011	0 13
Methacrylonitrile	0 24	84
Methanol*	5 6	0 75 mg/l
Methapyrilene	0 081	1 5
Methiocarb	0.056	1.4
Methomyl	0.028	0.14
Methoxychlor	0 25	0 18
Methyl Ethyl Ketone*	0.28	36
Methyl Isobutyl Ketone*	0 14	33
Methyl Methacrylate	0 14	160
Methyl Methansulfonate	0 018	NA
Methyl Parathion	0 014	4 6
3-Methylcholanthrene	0.0055	15
4 4-Methylene Bis(2-Chloroaniline)	0.50	30
Methylene Chloride*	0 089	30
Metolcarb	0.056	1.4
Mexacarbate	0.056	1.4
Molinate	0.042	1.4
Naphthalene	0 059	5 6
2-Naphthylamine	0 52	NA
O-Nitroaniline	0 27	14
P-Nitroaniline	0 028	28
Nitrobenzene*	0 068	14
5-Nitro-O-Toluidine	0 32	28
O-Nitrophenol	0 028	13
P-Nitrophenol	0.12	29
N-Nitrosodiethylamine	0 40	28
N-Nitrosodimethylamine	0 40	2 3
N-Nitroso-Di-N-Butylamine	0 40	17
N-Nitrosomethylethylamine	0.40	2 3
N-Nitrosomorpholine	0 40	2 3
N-Nitrosopiperidine	0 013	35
N-Nitrosopyrrolidine	0 013	35
Oxamyl	0.056	0.28
Parathion	0.014	4 6
Total PCBs	0 10	10
Pebulate	0.042	1.4
Pentachlorobenzene	0 055	10
PECDDs (All Pentachlorodibenzo-P-Dioxins)	0 000063	0.001
PECDFs (All Pentachlorodibenzofurans)	0 000035	0 001
Pentachloroethane	0 055	6 0
Pentachloronitrobenzene	0 055	4 8
Pentachlorophenol	0 089	7 4
Phenacetin	0 081	16
Phenanthrene	0 059	5 6
Phenol	0 039	6 2
O-Phenylenediamine	0.056	5.6
Phorate	0 021	4 6
Phthalic Acid	0 055	28

Universal Treatment Standards 40 CFR 268.48 - Contd.

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Constituents by Chemical Name	WW Conc	NWW Conc
Phthalic Anhydride	0 055	28
Physostigmine+	0.056	1.4
Physostigmine salicylate+	0.056	1.4
Promecarb+	0.056	1.4
Pronamide	0 093	1.5
Propham+	0.056	1.4
Propoxur+	0.056	1.4
Prosulfocarb+	0.042	1.4
Pyrene	0 067	8.2
Pyridine*	0 014	16
Safrole	0 081	22
Silvex (2 4 5-Tp)	0.72	7.9
1 2 4 5-Tetrachlorobenzene	0 055	14
TCDDs (All Tetrachlorodibenzo-P-Dioxins	0 000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	0 000063	0 001
1,1,1 2-Tetrachloroethane	0 057	6 0
1 1 2 2-Tetrachloroethane	0 057	6 0
Tetrachloroethylene*	0 056	6 0
2 3 4 6-Tetrachlorophenol	0 030	7 4
Thiophanate+	0.019	1.4
Thiophanate-methyl+	0.056	1.4
Tirpate+	0.056	0.28
Toluene*	0 080	10
Toxaphene	0 0095	2 6
Triallate+	0.042	1.4
Tribromomethane (Bromoform)	0.63	15
1,2 4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane*	0 054	6.0
1,1,2-Trichloroethane*	0 054	6 0
Trichloroethylene*	0.054	6 0
Trichloromonofluoromethane*	0.020	30
2 4 5-Trichlorophenol	0.18	7 4
2 4 6-Trichlorophenol	0 035	7 4
2 4,5-Trichlorophenoxyacetic Acid (2,4,5-T)+	0.72	7.9
1,2,3-Trichloropropane	0 85	30
1,1,2-Trichloro-1,2,2-Trifluoroethane*	0.057	30
Triethylamine+	0.081	1.5
Tris-(2,3-Dibromopropyl) Phosphate	0 11	0 10
Vernolate+	0.042	1.5
Vinyl Chloride	0 27	6 0
Xylenes-Mixed Isomers(Sum Of O M,&P)*	0.32	.30
Antimony	1.9	1.15 mg/l
Arsenic	1.4	5 0 mg/l
Barium	1.2	21 mg/l
Beryllium	0.82	1 22 mg/l
Cadmium	0.69	0 11 mg/l
Chromium (Total)	2.77	0 60 mg/l
Cyanides (Total)	1.2	590
Cyanides (Amenable)	0.86	30
Fluoride	35	NA
Lead	0 69	0.75 mg/l
Mercury-NWW From Retort	NA	0 20 mg/l
Mercury-All Others	0 15	0 025 mg/l
Nickel	3 98	11 0 mg/l
Selenium	0 82	5 7 mg/l
Silver	0 43	0 14 mg/l
Sulfide	14	NA
Thallium	1 4	0 20 mg/l
Vanadium (Not An "UHC")	4 3	1 6 mg/l
Zinc - (Not An "UHC")	2 61	4 3 mg/l

WW = Wastewater as defined in 40 CFR 268.2 (f)
NWW = Non-Wastewater as defined in 40 CFR 268.2 (f)
Regulated Hazardous Constituents for F001-F005 are indicated with (*).
Regulated Hazardous Constituents for F039 include all of those listed above except those indicated with (+).
All Values are mg/l for wastewater and mg/kg for non-wastewater, unless designated mg/l, which are TCLP
Constituent Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i)

Universal Treatment Standards 40 CFR 268.48

☑ For WMDS 1310968, the Underlying Constituents have been identified by marking the box to the left of each constituent.

MANIFEST 1124491

☐ None of the Underlying Constituents are present in the following WMDS(s):

Constituents by Chemical Name	WW Conc	NWW Conc
[illegible]	0.042	1.4
Acenaphthene	0.059	3.4
Acenaphthylene	0.059	3.4
✓ Acetone*	0.28	160
Acetonitrile	5.6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0.059	140
Acrolein	0.29	NA
Acrylamide	19	23
Acrylonitrile	0.24	84
[illegible]	0.056	0.28
Aldrin	0.021	0.066
4-Aminobiphenyl	0.13	NA
Aniline	0.81	14
Anthracene	0.059	3.4
Aramite	0.36	NA
[illegible]	0.056	1.4
[illegible]	0.056	1.4
[illegible]	0.056	1.4
[illegible]	0.056	1.4
Benz(A)Anthracene	0.059	3.4
Benzal Chloride	0.055	6.0
Benzene*	0.14	10
Benzo(B)Fluoranthene	0.11	6.8
Benzo(K)Fluoranthene	0.11	6.8
Benzo(G,H,I)Perylene	0.0055	1.8
Benzo(A)Pyrene	0.061	3.4
Alpha-BHC	0.00014	0.066
Beta-BHC	0.00014	0.066
Delta-BHC	0.023	0.066
Gamma-BHC	0.0017	0.066
Bromodichloromethane	0.35	15
Bromomethane (Methyl Bromide)	0.11	15
4-Bromophenyl Phenyl Ether	0.055	15
N-Butyl Alcohol*	5.6	2.6
Butyl Benzyl Phthalate	0.017	28
Butylate	0.042	1.4
2-Sec-Butyl-4,6-Dinitrophenol (Dinoseb)	0.066	2.5
[illegible]	0.006	0.14
[illegible]	0.056	1.4
[illegible]	0.006	0.14
[illegible]	0.056	1.4
Carbon Disulfide*	3.8	4.8 mg/l
Carbon Tetrachloride*	0.057	6.0
[illegible]	0.028	1.4
Chlordane (Alpha And Gamma Isomers)	0.0033	0.26
P-Chloroaniline	0.46	16
Chlorobenzene*	0.057	6.0
Chlorobenzilate	0.10	NA
2-Chloro-1,3-Butadiene	0.057	0.28
Chlorodibromomethane	0.057	15
Chloroethane	0.27	6.0
Bis(2-Chloroethoxy)Methane	0.036	7.2
Bis(2-Chloroethyl)Ether	0.033	6.0
2-Chloroethyl Vinyl Ether	0.062	NA
Chloroform	0.046	6.0
Bis(2-Chloroisopropyl)Ether	0.055	7.2
P-Chloro-M-Cresol	0.018	14
Chloromethane(Methyl Chloride)	0.19	30
2-Chloronaphthalene	0.055	5.6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0.036	30
Chrysene	0.059	3.4
O-Cresol*	0.11	5.6
M-Cresol*	0.77	5.6
P-Cresol*	0.77	5.6

Constituents by Chemical Name	WW Conc	NWW Conc
[illegible]	0.056	1.4
[illegible]		
Cyclohexanone*	0.36	0.75 mg/l
O,P'-DDD	0.023	0.087
P,P'-DDD	0.023	0.087
O,P'-DDE	0.031	0.087
P,P'-DDE	0.031	0.087
O,P'-DDT	0.0039	0.087
P,P'-DDT	0.0039	0.087
Dibenz(A,H)Anthracene	0.055	8.2
Dibenz(A,E)Pyrene	0.061	NA
1,2-Dibromo-3-Chloropropane	0.11	15
1,2-Dibromoethane (Ethylene Dibromide)	0.028	15
Dibromomethane	0.11	15
M-Dichlorobenzene	0.036	6.0
O-Dichlorobenzene*	0.088	6.0
P-Dichlorobenzene	0.090	6.0
Dichlorodifluoromethane	0.23	7.2
1,1-Dichloroethane	0.059	6.0
1,2-Dichloroethane	0.21	6.0
1,1-Dichloroethylene	0.025	6.0
Trans-1,2-Dichloroethylene	0.054	30
2,4-Dichlorophenol	0.044	14
2,6-Dichlorophenol	0.044	14
2,4-Dichlorophenoxyacetic Acid (2,4-D)	0.72	10
1,2-Dichloropropane	0.85	18
Cis-1,3-Dichloropropylene	0.036	18
Trans-1,3-Dichloropropylene	0.036	18
Dieldrin	0.017	0.13
Diethyl Phthalate	0.20	28
[illegible]	0.056	1.4
P-Dimethylaminoazobenzene	0.13	NA
2,4-Dimethyl Phenol	0.036	14
Dimethyl Phthalate	0.047	28
[illegible]	0.056	1.4
Di-N-Butyl Phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-O-Cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0.32	140
2,6-Dinitrotoluene	0.55	28
Di-N-Octyl Phthalate	0.017	28
Di-N-Propylnitrosamine	0.40	14
1,4-Dioxane	12	170
Diphenylamine	0.92	13
Diphenylnitrosamine	0.92	13
1,2-Diphenylhydrazine	0.087	NA
Disulfoton	0.017	6.2
[illegible]	0.023	28
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan Sulfate	0.029	0.13
Endrin	0.0028	0.13
Endrin Aldehyde	0.025	0.13
[illegible]	0.042	1.4
Ethyl Acetate*	0.34	33
Ethyl Benzene*	0.057	10
Ethyl Cyanide (Propanenitrile)	0.24	360
Ethyl Ether*	0.12	160
Ethyl Methacrylate	0.14	160
Ethylene Oxide	0.12	NA
Bis(2-Ethylhexyl) Phthalate	0.28	28
Famphur	0.017	15
Fluoranthene	0.068	3.4
Fluorene	0.059	3.4
[illegible]	0.056	1.4

Constituents by Chemical Name	WW Conc	NWW Conc
[illegible]	0.056	1.4
Heptachlor	0.0012	0.066
Heptachlor Epoxide	0.016	0.066
Hexachlorobenzene	0.055	10
Hexachlorobutadiene	0.055	5.6
Hexachlorocyclopentadiene	0.057	2.4
Hexachloroethane	0.055	30
Hexachloropropylene	0.035	30
HXCDDs (All Hexachlorodibenzo-P-Dioxins)	0.000063	0.001
HXCDFs (All Hexachlorodibenzofurans)	0.000063	0.001
Indeno (1,2,3-C,D) Pyrene	0.0055	3.4
Iodomethane	0.19	65
Isobutyl Alcohol*	5.6	170
Isodrin	0.021	0.066
[illegible]	0.056	1.4
Isosafrole	0.081	2.6
Kepone	0.0011	0.13
Methacrylonitrile	0.24	84
Methanol*	5.6	0.75 mg/l
Methapyrilene	0.081	1.5
[illegible]	0.056	1.4
[illegible]	0.028	0.14
Methoxychlor	0.25	0.18
Methyl Ethyl Ketone*	0.28	36
Methyl Isobutyl Ketone*	0.14	33
Methyl Methacrylate	0.14	160
Methyl Methansulfonate	0.018	NA
Methyl Parathion	0.014	4.6
3-Methylcholanthrene	0.0055	15
4,4-Methylene Bis(2-Chloroaniline)	0.50	30
✓ Methylene Chloride*	0.089	30
[illegible]	0.056	1.4
[illegible]	0.056	1.4
[illegible]	0.042	1.4
Naphthalene	0.059	5.6
2-Naphthylamine	0.52	NA
O-Nitroaniline	0.27	14
P-Nitroaniline	0.028	28
Nitrobenzene*	0.068	14
5-Nitro-O-Toluidine	0.32	28
O-Nitrophenol	0.028	13
P-Nitrophenol	0.12	29
N-Nitrosodiethylamine	0.40	28
N-Nitrosodimethylamine	0.40	2.3
N-Nitroso-Di-N-Butylamine	0.40	17
N-Nitrosomethylethylamine	0.40	2.3
N-Nitrosomorpholine	0.40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0.013	35
[illegible]	0.056	0.28
Parathion	0.014	4.6
Total PCBs	0.10	10
[illegible]	0.042	1.4
Pentachlorobenzene	0.055	10
PECDDs (All Pentachlorodibenzo-P-Dioxins)	0.000063	0.001
PECDFs (All Pentachlorodibenzofurans)	0.000035	0.001
Pentachloroethane	0.055	6.0
Pentachloronitrobenzene	0.055	4.8
Pentachlorophenol	0.089	7.4
Phenacetin	0.081	16
Phenanthrene	0.059	5.6
Phenol	0.039	6.2
[illegible]	0.056	5.6
Phorate	0.021	4.6
Phthalic Acid	0.055	28

Universal Treatment Standards 40 CFR 268.48 - Contd.

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Constituents by Chemical Name	WW Conc	NWW Conc
Phthalic Anhydride	0.055	28
Physostigmine+	0.056	1.4
Physostigmine salicylate+	0.056	1.4
Promecarb+	0.056	1.4
Pronamide	0.093	1.5
Propham+	0.056	1.4
Propoxur+	0.056	1.4
Prosulfocarb+	0.042	1.4
Pyrene	0.067	8.2
Pyridine*	0.014	16
Safrole	0.081	22
Silvex (2,4,5-Tp)	0.72	7.9
1,2,4,5-Tetrachlorobenzene	0.055	14
TCDDs (All Tetrachlorodibenzo-P-Dioxins	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	0.000063	0.001
1,1,1,2-Tetrachloroethane	0.057	6.0
1,1,2,2-Tetrachloroethane	0.057	6.0
Tetrachloroethylene*	0.056	6.0
2,3,4,6-Tetrachlorophenol	0.030	7.4
Thiodicarb+	0.019	1.4
Thiophanate-methyl+	0.056	1.4
Tirpate+	0.056	0.28
Toluene*	0.080	10
Toxaphene	0.0095	2.6
Triallate+	0.042	1.4
Tribromomethane (Bromoform)	0.63	15
1,2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane*	0.054	6.0
1,1,2-Trichloroethane*	0.054	6.0
Trichloroethylene*	0.054	6.0
Trichloromonofluoromethane*	0.020	30
2,4,5-Trichlorophenol	0.18	7.4
2,4,6-Trichlorophenol	0.035	7.4
2,4,5-Trichlorophenoxyacetic Acid (2,4,5-T)+	0.72	7.9
1,2,3-Trichloropropane	0.85	30
1,1,2-Trichloro-1,2,2-Trifluoroethane*	0.057	30
Trichloromonofluoromethane+	0.081	1.5
Tris-(2,3-Dibromopropyl) Phosphate	0.11	0.10
Vernolate+	0.042	1.5
Vinyl Chloride	0.27	6.0
Xylenes-Mixed Isomers(Sum Of O,M,&P)*	0.32	30
Antimony	1.9	1.15 mg/l
Arsenic	1.4	5.0 mg/l
Barium	1.2	21 mg/l
Beryllium	0.82	1.22 mg/l
Cadmium	0.69	0.11 mg/l
Chromium (Total)	2.77	0.60 mg/l
Cyanides (Total)	1.2	590
Cyanides (Amenable)	0.86	30
Fluoride	35	NA
Lead	0.69	0.75 mg/l
Mercury-NWW From Retort	NA	0.20 mg/l
Mercury-All Others	0.15	0.025 mg/l
Nickel	3.98	11.0 mg/l
Selenium	0.82	5.7 mg/l
Silver	0.43	0.14 mg/l
Sulfide	14	NA
Thallium	1.4	0.20 mg/l
Vanadium (Not An "UHC")	4.3	1.5 mg/l
Zinc - (Not An "UHC")	2.61	4.3 mg/l

WW = Wastewater as defined in 40 CFR 268.2 (f)
NWW = Non-Wastewater as defined in 40 CFR 268.2 (f)
Regulated Hazardous Constituents for F001-F005 are indicated with (*).
Regulated Hazardous Constituents for F039 include all of those listed above except those indicated with (+).
All Values are mg/l for wastewater and mg/kg for non-wastewater, unless designated mg/l, which are TCLP

Constituent — Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i)

Universal Treatment Standards 40 CFR 268.48

☑ For WMDS 130958, the Underlying Constituents have been identified by marking the box to the left of each constituent.

MANIFEST 112491

☐ None of the Underlying Constituents are present in the following WMDS(s):

Constituents by Chemical Name	WW Conc	NWW Conc
Azi3←	0.042	1.4
Acenaphthene	0 059	3 4
Acenaphthylene	0.059	3 4
Acetone*	0.28	160
Acetonitrile	5 6	38
Acetophenone	0.010	9.7
2-Acetylaminofluorene	0 059	140
Acrolein	0 29	NA
Acrylamide ←	19	23
Acrylonitrile	0 24	84
Aldicarb Sulfone←	0.056	0.28
Aldrin	0.021	0 066
4-Aminobiphenyl	0 13	NA
Aniline	0.81	14
Anthracene	0 059	3 4
Aramite	0.36	NA
Barban←	0.056	1.4
Bendiocarb←	0.056	1.4
Bendiocarb phenol←	0.056	1.4
Benomyl←	0.056	1.4
Benz(A)Anthracene	0 059	3 4
Benzal Chloride←	0 055	6.0
Benzene*	0 14	10
Benzo(B)Fluoranthene	0 11	6.8
Benzo(K)Fluoranthene	0.11	6 8
Benzo(G H I)Perylene	0 0055	1.8
Benzo(A)Pyrene	0.061	3 4
Alpha-BHC	0 00014	0 066
Beta-BHC	0.00014	0 066
Delta-BHC	0 023	0.066
Gamma-BHC	0.0017	0 066
Bromodichloromethane	0 35	15
Bromomethane (Methyl Bromide)	0 11	15
4-Bromophenyl Phenyl Ether	0.055	15
N-Butyl Alcohol*	5 6	2 6
Butyl Benzyl Phthalate	0.017	28
Butylate←	0.042	1 4
2-Sec-Butyl-4,6-Dinitrophenol (Dinoseb)	0.066	2.5
Carbaryl←	0.006	0.14
Carbofuran←	0.056	1.4
Carbosulfan←	0.006	0.14
Chlorobenzilate←	0.056	1.4
Carbon Disulfide*	3 8	4 8 mg/l
Carbon Tetrachloride*	0 057	6.0
Carbophenothion←	0.028	1.4
Chlordane (Alpha And Gamma Isomers)	0 0033	0.26
P-Chloroaniline	0.46	16
Chlorobenzene*	0 057	6 0
Chlorobenzilate	0 10	NA
2-Chloro-1,3-Butadiene	0.057	0.28
Chlorodibromomethane	0 057	15
Chloroethane	0.27	6 0
Bis(2-Chloroethoxy)Methane	0 036	7 2
Bis(2-Chloroethyl)Ether	0 033	6 0
2-Chloroethyl Vinyl Ether	0 062	NA
Chloroform	0 046	6 0
Bis(2-Chloroisopropyl)Ether	0 055	7.2
P-Chloro-M-Cresol	0 018	14
Chloromethane(Methyl Chloride)	0.19	30
2-Chloronaphthalene	0 055	5 6
2-Chlorophenol	0.044	5.7
3-Chloropropylene	0 036	30
Chrysene	0 059	3.4
O-Cresol*	0 11	5.6
M-Cresol*	0.77	5 6
P-Cresol*	0 77	5 6

Constituents by Chemical Name	WW Conc	NWW Conc
m-Cumenyl methylcarbamate←	0.056	1.4
Cyclohexanone*	0 35	0 75 mg/l
O P'-DDD	0 023	0 087
P P'-DDD	0 023	0 087
O P'-DDE	0.031	0 087
P P'-DDE	0 031	0.087
O P'-DDT	0.0039	0 087
P P'-DDT	0 0039	0 087
Dibenz(A H)Anthracene	0 055	8.2
Dibenz(A E)Pyrene	0.061	NA
1,2-Dibromo-3-Chloropropane	0 11	15
1,2-Dibromoethane (Ethylene Dibromide)	0 028	15
Dibromomethane	0 11	15
M-Dichlorobenzene	0.036	6 0
O-Dichlorobenzene*	0 088	6 0
P-Dichlorobenzene	0.090	6 0
Dichlorodifluoromethane	0 23	7 2
1,1-Dichloroethane	0 059	6.0
1,2-Dichloroethane	0.21	6 0
1,1-Dichloroethylene	0.025	6 0
Trans-1,2-Dichloroethylene	0 054	30
2,4-Dichlorophenol	0 044	14
2,6-Dichlorophenol	0.044	14
2,4-Dichlorophenoxyacetic Acid (2,4-D)	0 72	10
1,2-Dichloropropane	0 85	18
Cis-1,3-Dichloropropylene	0 036	18
Trans-1,3-Dichloropropylene	0 036	18
Dieldrin	0 017	0 13
Diethyl Phthalate	0.20	28
Diethylene Glycol, Dicarbamate←	0.056	1.4
P-Dimethylaminoazobenzene←	0.13	NA
2,4-Dimethyl Phenol	0.036	14
Dimethyl Phthalate	0.047	28
Dimetilan←	0.056	1.4
Di-N-Butyl Phthalate	0.057	28
1,4-Dinitrobenzene	0.32	2.3
4,6-Dinitro-O-Cresol	0.28	160
2,4-Dinitrophenol	0.12	160
2,4-Dinitrotoluene	0 32	140
2,6-Dinitrotoluene	0 55	28
Di-N-Octyl Phthalate	0 017	28
Di-N-Propylnitrosamine	0 40	14
1,4-Dioxane	12	170
Diphenylamine	0 92	13
Diphenylnitrosamine	0 92	13
1,2-Diphenylhydrazine	0 087	NA
Disulfoton	0 017	6.2
Dithiocarbamates (total)←	0.028	28
Endosulfan I	0.023	0.066
Endosulfan II	0.029	0.13
Endosulfan Sulfate	0.029	0 13
Endrin	0 0028	0 13
Endrin Aldehyde	0 025	0 13
EPTC←	0.042	1.4
Ethyl Acetate*	0 34	33
✓ Ethyl Benzene*	0 057	10
Ethyl Cyanide (Propanenitrile)	0 24	360
Ethyl Ether*	0 12	160
Ethyl Methacrylate	0 14	160
Ethylene Oxide	0.12	NA
Bis(2-Ethylhexyl) Phthalate	0 28	28
Famphur	0 017	15
Fluoranthene	0 068	3.4
Fluorene	0 059	3 4
Formetanate hydrochloride←	0.056	1.4

Constituents by Chemical Name	WW Conc	NWW Conc
Formparanate←	0.056	1.4
Heptachlor	0 0012	0 066
Heptachlor Epoxide	0.016	0 066
Hexachlorobenzene	0.055	10
Hexachlorobutadiene	0.055	5.6
Hexachlorocyclopentadiene	0 057	2.4
Hexachloroethane	0.055	30
Hexachloropropylene	0 035	30
HXCDDs (All Hexachlorodibenzo-P-Dioxins)	0 000063	0 001
HXCDFs (All Hexachlorodibenzofurans)	0 000063	0 001
Indeno (1 2,3-C D) Pyrene	0 0055	3 4
Iodomethane	0 19	65
Isobutyl Alcohol*	5 6	170
Isodrin	0 021	0 066
Isolan←	0.056	1.4
Isosafrole	0 081	2.6
Kepone	0 0011	0 13
Methacrylonitrile	0 24	84
Methanol*	5 6	0 75 mg/l
Methapyrilene	0 081	1 5
Methiocarb←	0.056	1.4
Methomyl←	0.028	0.14
Methoxychlor	0 25	0.18
Methyl Ethyl Ketone*	0 28	36
Methyl Isobutyl Ketone*	0 14	33
Methyl Methacrylate	0.14	160
Methyl Methansulfonate	0 018	NA
Methyl Parathion	0 014	4 6
3-Methylcholanthrene	0 0055	15
4,4-Methylene Bis(2-Chloroaniline)	0 50	30
Methylene Chloride*	0 089	30
Metolcarb←	0.056	1.4
Mexacarbate←	0.056	1.4
Molinate←	0.042	1.4
Naphthalene	0.059	5.6
2-Naphthylamine	0.52	NA
O-Nitroaniline←	0 27	14
P-Nitroaniline	0 028	28
Nitrobenzene*	0 068	14
5-Nitro-O-Toluidine	0.32	28
O-Nitrophenol←	0.028	13
P-Nitrophenol	0 12	29
N-Nitrosodiethylamine	0 40	28
N-Nitrosodimethylamine	0 40	2 3
N-Nitroso-Di-N-Butylamine	0 40	17
N-Nitrosomethylethylamine	0 40	2.3
N-Nitrosomorpholine	0 40	2.3
N-Nitrosopiperidine	0.013	35
N-Nitrosopyrrolidine	0 013	35
Oxamyl←	0.056	0.28
Parathion	0 014	4 6
Total PCBs	0 10	10
Pebulate←	0.042	1.4
Pentachlorobenzene	0 055	10
PECDDs (All Pentachlorodibenzo-P-Dioxins)	0.000063	0.001
PECDFs (All Pentachlorodibenzofurans)	0 000035	0.001
Pentachloroethane←	0 055	6 0
Pentachloronitrobenzene	0 055	4 8
Pentachlorophenol	0.089	7 4
Phenacetin	0 081	16
Phenanthrene	0 059	5 6
Phenol	0 039	6 2
P-Phenylenediamine←	0.056	5.6
Phorate	0 021	4 6
Phthalic Acid←	0 055	28

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Constituents by Chemical Name	WW Conc	NWW Conc
Phthalic Anhydride	0 055	28
Physostigmine+	0.056	1.4
Physostigmine salicylate+	0.056	1.4
Promecarb+	0.056	1.4
Pronamide	0.093	1.5
Propham+	0.056	1.4
Propoxur+	0.056	1.4
Prosulfocarb+	0.042	1.4
Pyrene	0 067	8 2
Pyridine*	0 014	16
Safrole	0 081	22
Silvex (2 4,5-Tp)	0 72	7 9
1 2 4 5-Tetrachlorobenzene	0 055	14
TCDDs (All Tetrachlorodibenzo-P-Dioxins	0.000063	0.001
TCDFs (All Tetrachlorodibenzofurans)	0 000063	0 001
1 1,1,2-Tetrachloroethane	0 057	6 0
1 1 2 2-Tetrachloroethane	0 057	6 0
Tetrachloroethylene*	0 056	6 0
2 3 4 6-Tetrachlorophenol	0 030	7 4
Thiabendazole+	0.019	1.4
Thiophanate-methyl+	0.056	1.4
Tirpate+	0.056	0.28
Toluene*	0.080	10
Toxaphene	0 0095	2 6
Triallate+	0.042	1.4
Tribromomethane (Bromoform)	0 63	15
1 2,4-Trichlorobenzene	0.055	19
1,1,1-Trichloroethane*	0.054	6 0
1,1,2-Trichloroethane*	0 054	6 0
Trichloroethylene*	0.054	6 0
Trichloromonofluoromethane*	0 020	30
2 4 5-Trichlorophenol	0 18	7 4
2 4,6-Trichlorophenol	0.035	7.4
2,4,5-Trichlorophenoxyacetic Acid (2 4 5-T)+	0.72	7 9
1,2,3-Trichloropropane	0 85	30
1,1,2-Trichloro-1,2,2-Trifluoroethane*	0 057	30
Triethylamine+	0.081	1.5
Tris-(2,3-Dibromopropyl) Phosphate	0.11	0 10
Vernolate+	0.042	1.5
Vinyl Chloride	0 27	6 0
Xylenes-Mixed Isomers(Sum Of O,M &P)*	0 32	30
Antimony	1 9	1.15 mg/l
Arsenic	1 4	5 0 mg/l
Barium	1 2	21 mg/l
Beryllium	0 82	1 22 mg/l
Cadmium	0 69	0 11 mg/l
Chromium (Total)	2.77	0.60 mg/l
Cyanides (Total)	1 2	590
Cyanides (Amenable)	0 86	30
Fluoride	35	NA
Lead	0 69	0 75 mg/l
Mercury-NWW From Retort	NA	0 20 mg/l
Mercury-All Others	0 15	0 025 mg/l
Nickel	3 98	11 0 mg/l
Selenium	0.82	5 7 mg/l
Silver	0 43	0 14 mg/l
Sulfide	14	NA
Thallium	1 4	0 20 mg/l
Vanadium (Not An "UHC")	4 3	1 6 mg/l
Zinc - (Not An "UHC")	2 61	4 3 mg/l

WW = Wastewater as defined in 40 CFR 268.2 (f)
NWW = Non-Wastewater as defined in 40 CFR 268.2 (f)
Regulated Hazardous Constituents for F001-F005 are indicated with (*).
Regulated Hazardous Constituents for F039 include all of those listed above except those indicated with (+).
All Values are mg/l for wastewater and mg/kg for non-wastewater, unless designated mg/l, which are TCLP

Constituent: Between August 26, 1997 and August 26, 1998, these constituents are not underlying hazardous constituents as defined at 268.2(i)

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COMPANY NAME Magic Power PROJECT # 44889

DRUM # MPE-001 FACILITY/PROFILE ENS 1310964

DRUM TYPE/SIZE UN1H2-30 DATE 5/26/00 DRUM WT. _____

PROPER SHIPPING NAME Waste ~~Phosphorous~~ Phosphorous Oxychloride

CONSTITUENTS _____

HAZARD CLASS/ID NO./PG 8 UN1810 PGII (PIH ZONE B)

CONTAINER NO.	SIZE	TYPE	CHEMICAL DESCRIPTION	S/L	EH	RCRA #	COMMENTS
2	500nL	A	Phosphorous Oxychloride	L		D002 D003	
1	1L	G	Phosphorous Oxychloride	L		↓	

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COMPANY NAME Magc Power PROJECT # 4488C

DRUM # MPE-002 FACILITY/PROFILE ENS 1310964

DRUM TYPE/SIZE UN1H1-30 DATE 5/26/00 DRUM WT.

PROPER SHIPPING NAME Waste Trichloroacetic acid solution

CONSTITUENTS

HAZARD CLASS/ID NO./PG 8 UN2564 PG II

CONTAINER NO.	SIZE	TYPE	CHEMICAL DESCRIPTION	S/L	EH	RCRA #	COMMENTS
6	500mL	6	Trichloroacetic acid	L		D002	

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COMPANY NAME Village Power PROJECT # 44889

DRUM # MPE-003 FACILITY/PROFILE ENS 1310964

DRUM TYPE/SIZE UN1H2-30 DATE 5/26/00 DRUM WT. _____

PROPER SHIPPING NAME Waste Corrosive Liquids, Oxidizing N.O.S.

CONSTITUENTS (Contains Nitric acid and Hydrofluoric acid)

HAZARD CLASS/ID NO./PG 8 UN3093 PG II

CONTAINER NO.	CONTAINER SIZE	CONTAINER TYPE	CHEMICAL DESCRIPTION	S/L	EH	RCRA #	COMMENTS
2/1	1gal/1L	P/G	(Wright Etchant: Nitric acid, Hydrofluoric acid, Acetic acid, Chromic acid, and Copper Nitrate)	L		D001, D002 D007	

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COMPANY NAME Mage Power PROJECT # 44889

DRUM # MPE-004 FACILITY/PROFILE ENS 1310964

DRUM TYPE/SIZE UNIH2-5 DATE 5/26/00 DRUM WT. _____

PROPER SHIPPING NAME (Waste Hydrobromic acid, with not more than

CONSTITUENTS 49% ~~acid~~ Hydrobromic acid

HAZARD CLASS/ID NO./PG 8 UN1788 PG II

CONTAINER NO.	SIZE	TYPE	CHEMICAL DESCRIPTION	S/L	EH	RCRA #	COMMENTS
1	500mL	G	Hydrobromic acid (49%)	L		D002	

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COMPANY NAME Mage Power PROJECT # 44885

DRUM # MPE-005 FACILITY/PROFILE ENS 1310464

DRUM TYPE/SIZE UNIH2-5 DATE 5/26/00 DRUM WT:

PROPER SHIPPING NAME Waste Oxidizing Solids, Toxic, N.O.S.

CONSTITUENTS (Chromic Trioxide, Potassium Dichromate)

HAZARD CLASS/ID NO./PG 5.1 UN3087 PGII

CONTAINER NO.	SIZE	TYPE	CHEMICAL DESCRIPTION	S/L	EH	RCRA #	COMMENTS
4	500g	G	Chromium Trioxide	S		D001 D007	
1	250g	P	Chromium Trioxide	S		↓	
1	1Kg	P	Copper Nitrate	S		D001	
1/1	500g/1Kg	P	Potassium Dichromate	S		D001, D007	

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COMPANY NAME Mage Power PROJECT # 44889

DRUM # IMPE-006 FACILITY/PROFILE ENS 1310964

DRUM TYPE/SIZE UN1H2-30 DATE 5/26/00 DRUM WT.

PROPER SHIPPING NAME Waste Amines, Liquid Corrosive N.O.S

CONSTITUENTS (Aminopropyl Morpholine)

HAZARD CLASS/ID NO./PG 8 UN2735 PG-III

CONTAINER NO.	SIZE	TYPE	CHEMICAL DESCRIPTION	S/L	EH	RCRA #	COMMENTS
3	1gal	P	Photoresist Stripper (Aminopropyl Morpholine)	L		D002	

ensco Waste Material Data Sheet

1310957 pg 1

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ARD069748192
(870) 863-7173

☐ WILMINGTON, CA
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Isoparaffinic Solvent

1310957 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 2 0 1

Process Generating Waste SIC #

Process Description Facility Closure / Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Black
Odor Solvent Odor
☐ None ☑ Strong
☐ Mild

☑ Liquid 99-100%
☐ Solid ____ %
☑ Sludge 0-1 %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☐ Single Layer
☑ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☐ Incineration Only
☐ Recycle Only
☑ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D001

List any State Waste Codes or other state designations: CA-214

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☐ RQ Waste Flammable Liquids, N.O.S.
Hazard Class 3 ID # UN1993 PG II Technical N.O.S. descriptions (Kerosene, Isoparaffinic)

Anticipated Volume: 2 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☑ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1H1-55 Weight Per Container: ~350-400lbs.

ensco environmental systems company **Waste Material Data Sheet**

1310957 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☐ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	0.9	
(3) Viscosity (centipoise)	1	100	
(4) PH ..... constituent	6	8	
(5) BTUs (1000/lb)	10K	12K	
(6) Flash Point (closed cup °F)	73°	100°	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.

	Minimum	Maximum	Avg/Actual	CAS Number
Kerosene	60 %	80	- _____ %	
Toner (with isopropanol)	20 %	30	- _____ %	
Water	10 %	20	- _____ %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	

(2) Physical Composition

Liquid	99 %	100	- _____ %	
Sludge	0 %	1	- _____ %	
	%		- %	
	%		- %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310957

AUTHORIZED SIGNATURE PRINT NAME TITLE DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

Controlled Document No. R - F0001 8/97

ensco environmental systems company **Waste Material Data Sheet**

1310960 pg 1

☐ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☑ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

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Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Waste Hydrogen Peroxide

1310960 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 1 0 5

Process Generating Waste SIC #

Process Description Facility (Semiconductor) Closure

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor Peroxide Odor
☐ None ☐ Strong ☑ Mild

☑ Liquid 100 %
☐ Solid ____ %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D001 D002

List any State Waste Codes or other state designations: CA 791

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☐ RQ Waste Hydrogen Peroxide
Hazard Class 5.1 ID # UN2014 PG II Technical N.O.S. descriptions

Anticipated Volume: 1 (Drums)/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons

Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other ____

Weight Per Container 2000 lb

ensco environmental systems company **Waste Material Data Sheet**

1310960 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☑ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.0	1.1	
(3) Viscosity (centipoise)	1	100	
(4) PH ..... constituent	2	3	
(5) BTUs (1000/lb)	Ø	Ø	
(6) Flash Point (closed cup °F)	N/A	N/A	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Hydrogen Peroxide			30 %	
Water			70 %	
			%	
			%	
			%	
			%	
			%	
			%	

(2) Physical Composition

Liquid			100 %	
			%	
			%	
			%	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310960

AUTHORIZED SIGNATURE PRINT NAME TITLE DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco environmental systems company — Waste Material Data Sheet

1310959 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Cooling Tower Biocide / Treatment

1310959 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 2 1 9

Process Generating Waste SIC #

Process Description Facility Closure / Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear/Light Brown
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid	99-100	%
☐ Solid		%
☑ Sludge	0-1	%
☐ Powder		%
☐ Gas		%

PHASES
☐ Single Layer
☐ Double Layer
☑ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: NONE

List any State Waste Codes or other state designations: CA 343

G. Shipping Information

PROPER SHIPPING DESCRIPTION

Hazardous Waste Liquid N.O.S.

Hazard Class 9 ID # NA3082 PG III Technical N.O.S. descriptions Propylene Glycol, Glutaraldehyde

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

Anticipated Volume: _____ Drums/Containers _____ Bulk Liquid/Gallons _____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other _____
Container Size and Type: _____ Weight Per Container: _____

ensco environmental systems company — Waste Material Data Sheet

1310959 pg 2

Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☑ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	1.0	
(3) Viscosity (centipoise)	100	500	
(4) PH ..... constituent	6	8	
(5) BTUs (1000/lb)	5K	~~6K~~	
Flash Point (closed cup °F)	1200°		

(7) Metals	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Propylene Glycol	30 %	50	- %	
Ethylene Glycol	20 %	30	- %	
Poly Ethylene Dichloride	0 %	0.1	- %	
Gluteraldehyde	0 %	1	- %	
Water	10 %	20	- %	
Surfactants	10 %	20	- %	
	%		- %	
	%		- %	

(2) Physical Composition

Liquid	99 %	100	- %	
Sludge	0 %	1	- %	
	%		- %	
	%		- %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310959

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE
[signature]	NATE COFER	SUPERVISOR	6/1/00

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco Waste Material Data Sheet

1310967 pg 1

☒ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCK Territory 32

ENSCO CUSTOMER ☒ Invoice ☒ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Waste Aerosols

1310967 Controlled Document No R - F0001 8/97

Is a representative sample provided? ☐ Yes ☒ No

Source Code A 9 3 Form Code B 2 0 9

Process Generating Waste SIC #

Process Description

C. General Characteristics (at 70° F unless otherwise specified)

Color Varies
Odor
☒ None ☐ Strong ☐ Mild

☒ Liquid 20-30 %
☒ Solid 70-80 %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☐ Single Layer
☐ Double Layer
☒ Multi-Layer

☐ Wastewater or ☒ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☒ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☒ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☒ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D001

List any State Waste Codes or other state designations: CA:214

G. Shipping Information

PROPER SHIPPING DESCRIPTION
☐ RQ Waste Aerosols
Hazard Class 2.1 ID # UN1950 PG ____ Technical N.O.S. descriptions

DOT Hazardous Material ☒ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☒ No
Marine Pollutant ☐ Yes ☒ No

Anticipated Volume: 1 (Drums)/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☒ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1H2-30 Weight Per Container: 45½

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☐ No ☑ Yes - Describe, include dimensions: 2"x12" - Aerosol cans.

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	0.9	
(3) Viscosity (centipoise)	1	50	
(4) PH ..... constituent	6	8	
(5) BTUs (1000/lb)	5K	8K	
(6) Flash Point (closed cup °F)	73	100	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
(Aerosol Cans - Containing Paint, Thinners	%	-	100 %	
and Petroleum Distillates	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	

(2) Physical Composition

Solid (Cans)	70 %	80	- %	
Liquid	20 %	30	- %	
	%		- %	
	%		- %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310967

X _____ X NATE CLOTZ X _____ X _____

AUTHORIZED SIGNATURE | PRINT NAME | TITLE | DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco Waste Material Data Sheet

1310956 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

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USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Hexamethyldisilizane

1310956 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 5 3 Form Code B 2 0 3

Process Generating Waste SIC #

Process Description Facility Closure

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor Solvent
☐ None ☑ Strong
☐ Mild

☑ Liquid 100 %
☐ Solid ____ %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D001

List any State Waste Codes or other state designations: 214

G. Shipping Information

PROPER SHIPPING DESCRIPTION

Waste Flammable Liquids N.O.S.

Hazard Class 3 ID # UN1993 PG II Technical N.O.S. descriptions (Contains Hexamethyldisilizane)

DOT Hazardous Material	☑ Yes	☐ No
Poison Inhalation Hazard	☐ Yes	☑ No
Marine Pollutant	☐ Yes	☑ No

Anticipated Volume: 1 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons

Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other ____

Container Size and Type: UN1A2-55 Weight Per Container: 140 lb

ensco environmental systems company **Waste Material Data Sheet**

1310956 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

☐ Fuming/Smoking Waste	☐ Water Reactive
☐ Dioxins & Furans	☐ Air Reactive
☐ Ozone Depletion 40 CFR 82	☐ Explosive
☐ Chlorine _____ %	☐ Radioactive
☐ Bromine _____ %	☐ Biological
☐ Iodine _____ %	☐ Shock Sensitive
☐ Flourine _____ %	☐ Asbestos
☐ Cyanides _____ ppm	☐ Affected Benzene Waste
☐ Sulfides ~ ppm	☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
☐ Phenolics _____ ppm	
☐ PCB _____ ppm	☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.7	0.9	
(3) Viscosity (centipoise)	1	50	
(4) PH ..... constituent	8	10	
(5) BTUs (1000/lb)	8K	10K	
(6) Flash Point (closed cup °F)	50°	100°	

(7) Metals	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	ND/L			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Hexamethyldisilazane	%	-	100 %	
	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	
	%	-	%	

(2) Physical Composition

Liquid	%	-	100 %	
	%	-	%	
	%	-	%	
	%	-	%	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310956

AUTHORIZED SIGNATURE | PRINT NAME | TITLE | DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco environmental systems company — Waste Material Data Sheet

1310958 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PLR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navretil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Photoresist

1310958 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 9 3 Form Code B 2 0 3

Process Generating Waste SIC #

Process Description

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor Solvent Odor
☐ None ☑ Strong
☐ Mild

☑ Liquid 90-100 %
☐ Solid ____ %
☑ Sludge 0-1 %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☑ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☐ Incineration Only
☐ Recycle Only
☑ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D001

List any State Waste Codes or other state designations: CA 214

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☑ RQ Waste Flammable Liquids N.O.S.
Hazard Class 3 ID # UN1993 PG II Technical N.O.S. descriptions (n-butyl acetate ethanol)

Anticipated Volume: 1 Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☑ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1H1-55 Weight Per Container: 350-400

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	0.9	
(3) Viscosity (centipoise)	1	100	
(4) PH constituent	6	8	
(5) BTUs (1000/lb)	6K	10K	
(6) Flash Point (closed cup °F)	73°	100°	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	LDL/E			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm	✓			

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
n-Butyl acetate	~~20~~ 50 %	~~40~~ 60	- %	
ethanol	20 %	40	- %	
Ethyl Benzene	20 %	40	- %	
Water	5 %	10	- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	

(2) Physical Composition

Liquid	95 %	100	- %	
Sludge	0 %	1	- %	
	%		- %	
	%		- %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310958

AUTHORIZED SIGNATURE PRINT NAME TITLE DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

ensco Waste Material Data Sheet

environmental systems company

1310968 pg 1

☐ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region _____ Territory _____

ENSCO CUSTOMER ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Waste Paint / Thinners / Solvents

1310968 Controlled Document No R - F0001 8/97

Is a representative sample provided? ☐ Yes ☐ No

Source Code A 9 3 Form Code B 2 0 9

Process Generating Waste SIC # _____

Process Description Facility Closure / Cleanout

C. General Characteristics (at 70°F unless otherwise specified)

Color Brown
Odor Solvent
☐ None ☑ Strong
☐ Mild

☑ Liquid 80-90 %
☐ Solid _____ %
☑ Sludge 10-20 %
☐ Powder _____ %
☐ Gas _____ %

PHASES
☐ Single Layer
☐ Double Layer
☑ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:
_____

E. Special Handling Instructions

If special handling techniques are required, specify:

_____

_____

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D001 F003 F005

_____

_____

List any State Waste Codes or other state designations: CA 214

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☑ RQ Waste Paint Related Materials

Hazard Class 3 ID # UN1263 PG II Technical N.O.S. descriptions _____

Anticipated Volume: 30gal (Drums)/Containers _____ Bulk Liquid/Gallons _____ Bulk Solids/Tons

Shipping Frequency: ☑ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other _____

Container Size and Type: UN1A1 - 55 Weight Per Container: 200#

ensco environmental systems company **Waste Material Data Sheet**

1310968 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	0.8	1.0	
(3) Viscosity (centipoise)	100	500	
(4) PH ..... constituent	6	8	
(5) BTUs (1000/lb)	10K	12K	
(6) Flash Point (closed cup °F)	78	100	

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Oil-Base Paint	40 %	50	- ____ %	
Petroleum Distillates	10 %	20	- ____ %	
Acetone	10 %	20	- ____ %	
Methylene Chloride	5 %	10	- ____ %	
Water	10 %	20	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	

(2) Physical Composition

Liquid	80 %	90	- ____ %	
Sludge	10 %	20	- ____ %	
	____ %	____	- ____ %	
	____ %	____	- ____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310968

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE
[illegible]	[illegible]	[illegible]	[illegible]

ENSCO USE ONLY
☐ EnPak Project #
_____
RECERT DATE

ensco environmental systems company — Waste Material Data Sheet

1310964 pg 1

EL DORADO, AR
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☒ Invoice ☒ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Lab Pack

1310964 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☒ No

Source Code A G 4 Form Code B D 0 1

Process Generating Waste SIC #

Process Description Facility Closure - Chemicals from Lab

C. General Characteristics (at 70° F unless otherwise specified)

Color ____ Odor ____
☐ None ☐ Strong ☐ Mild

☐ Liquid ____ %
☒ Solid 90 %
☐ Sludge PAC %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☐ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☒ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☒ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☒ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☒ No

List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D001 D002 D003 D007

List any State Waste Codes or other state designations: CA-551

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☒ Yes ☐ No
Poison Inhalation Hazard ☒ Yes ☒ No
Marine Pollutant ☐ Yes ☒ No

☐ RQ ____ LAB PACK
Hazard Class ____ ID # ____ PG ____ Technical N.O.S. descriptions ____ SEE ATTACHED

Anticipated Volume: ____ Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other ____
Container Size and Type: ____ Weight Per Container: ____

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☐ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☐

Metal Objects: ☐ No ☐ Yes - Describe, include dimensions: _____

- ☐ Fuming/Smoking Waste
- ☐ Dioxins & Furans
- ☐ Ozone Depletion 40 CFR 82
- ☐ Chlorine _____ %
- ☐ Bromine _____ %
- ☐ Iodine _____ %
- ☐ Flourine _____ %
- ☐ Cyanides _____ ppm
- ☐ Sulfides _____ ppm
- ☐ Phenolics _____ ppm
- ☐ PCB _____ ppm
- ☐ Water Reactive
- ☐ Air Reactive
- ☐ Explosive
- ☐ Radioactive
- ☐ Biological
- ☐ Shock Sensitive
- ☐ Asbestos
- ☐ Affected Benzene Waste
- ☐ Controlled Benzene Waste 40 CFR 61 Subpart FFF
- ☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity			
(3) Viscosity (centipoise)			
(4) PH ..... **constituent**			
(5) BTUs (1000/lb)			
(6) Flash Point (closed cup °F)			

(7) Metals	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm				
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.

	Minimum	Maximum	Avg/Actual	CAS Number
	%	% -	%	
	%	% -	%	
	%	% -	%	
	%	% -	%	
	%	% -	%	
	%	% -	%	
	%	% -	%	
	%	% -	%	

(2) Physical Composition

	%	% -	%	
	%	% -	%	
	%	% -	%	
	%	% -	%	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310964

AUTHORIZED SIGNATURE PRINT NAME TITLE DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

Exhibit 5.8

Exhibit 5.8.1

Ionics Field Service Report

Pick-up of Sixty Mixed Bed DI Water Cylinders

IONICS ULTRAPURE WATER CORPORATION
5900 Silver Creek Valley Road
San Jose, CA 95138-1009
(408) 360-5959 • Fax (408) 360-5950 • 24-HRS./7 DAYS •

FIELD SERVICE REPORT
NO. - 253192

CUSTOMER MAGE POWER (MEGA MOS)
ADDRESS 2150 COMMERCE DR.
SAN JOSE STATE CA ZIP 95131
TRAVEL TIME 2:45
ARRIVE 3:30
CONTACT RUDY GONZALOS PHONE CELL- 968-1382
DEPART

CUST I.D. 0000
P.O NO. 0000
CALL-IN JOB NO. 03/30/00 PER JO 19

WORK TO BE PERFORMED: 03/31 P/U (60) 3.6 MB

WORK COMPLETED: P/U (60) 3.6 MB

CUSTOMER ACKNOWLEDGEMENT
(Please initial)
Delivery of additional/standby IUWC-owned ion exchange columns to Customer facility will incur/increase monthly billable rental charge(s) Authorized designee:
_____ Accepts _____ Declines

O.T. LABOR CHGS APPLY? ☐ Yes ☒ No
CALL NO. 151 TECH 115
CUSTOMER SIGNATURE:
PERFORMED BY:
DATE: 3/31/00
PRINT NAME:

RO PERFORMANCE RECORD	2-2	2-1	1-2	1-1
FEEDWATER - TEMP. / HARDNESS				
RO PREFILTER INLET/OUTLET PSI				
FEEDWATER - pH / CL_2				
MM A/C SOFT INLET / OUTLET PSI				
FEEDWATER - TDS (TDS METER)				
RO PRODUCT - TDS / CO_2				
% OF REJECTION				
RO PUMP - INLET PRESSURE				
MEMBRANE FEED PRESSURE				
RO CONCENTRATE - PRESSURE				
RO CONCENTRATE FLOW - GPM				
RO CONCENTRATE - RECIRC - GPM				
RO PRODUCT FLOW - GPM				
RO - % OF RECOVERY				

DISTRIBUTION LOOP RECORD		3	2	1
DISTRIBUTION PUMP PRESSURE				
POLISHING DI FILTER - PRESSURE INLET/OUTLET				
POST POLISH RES. / SUPPLY RES.				
PROTECTIVE FILTER - PRESSURE INLET/OUTLET				
UV STERILIZER - PRESSURE INLET/OUTLET				
FINAL FILTER - PRESSURE INLET/OUTLET				
SUPPLY FLOW / RETURN FLOW				
TOC / SILICA PPB				
PARTICLE SIZE	COUNT			
STORAGE TANK LEVELS				
CHEMICAL LEVELS				
OTHER:				
UV HOURS	RO HOURS:			
RO ON AUTO:	RO ON MANUAL:			

EXCHANGES

DI TANKS	3.6	3.5	2.0	1.0	.25
IN					
OUT					

GALLONAGE READING

DATE									
3-30	CURRENT								
	LAST								
	TOTAL USAGE:								

MISC. PARTS / MATERIALS

QTY.	PART NO.	DESCRIPTION

LABOR - TOTAL HOURS _____ OT _____

DI UNITS ON SITE

	QTY.	SIZE	TYPE
ON LINE			
STANDBY			

COMMENTS

SERV. TECH. INT.: *CUST. INT.:*

CUSTOMER LOG BOOK

Exhibit 5.8.2

Uniform Hazardous Waste Manifest

99147829, Item 11b

Pick-up of Two Drums of DI Water Resin Beads

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD982773448 — Manifest Document No. — 2. Page 1 of 1 — Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Marc Power
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number: 991478
B. State Generator's ID:
C. State Transporter's ID (Reserved):
D. Transporter's Phone:
E. State Transporter's ID (Reserved):
F. Transporter's Phone:
G. State Facility's ID:
H. Facility's Phone:

5. Transporter 1 Company Name — 6. US EPA ID Number
All Chemical Disposal, Inc. CAD982773448

7. Transporter 2 Company Name — 8. US EPA ID Number
All Chemical Disposal, Inc. CAD982773448

9. Designated Facility Name and Site Address — 10. US EPA ID Number
Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239 CAD009464117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No	Type	13. Total Quantity	14. Unit Wt/Vol
a. Hazardous Waste Solid, N.O.S. (Contains Arsenic) 9 NA3077 PG III	002	DM	00180 (EST)	P
b. NON-RCRA Hazardous Waste Solid	001	DM	00180 (EST)	P
c.				
d.				

Handling Codes for Wastes Listed

15. Special Handling Instructions and Additional Information
11a: EA 07351
11b: EA 07352
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X Rudy Gonzalez for Marc Power	X	05	14	10

TRANSPORTER

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for All Chemical Disposal, Inc.		05	14	10

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for All Chemical Disposal, Inc.				

FACILITY

19 Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

GENERATOR — IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

991478629

DTSC 8022A (1/99)
EPA 8700-22

Yellow GENERATOR RETAINS

ensco Waste Material Data Sheet

1311009 pg 1

☑ **EL DORADO, AR**
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name DI Resin Beads

1311009 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 93 Form Code B 409

Process Generating Waste SIC #

Process Description Facility Closure/Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Red Brown
Odor
☑ None ☐ Strong
☐ Mild

☑ Liquid 5-10 %
☑ Solid 90-95 %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☐ Single Layer
☐ Double Layer
☑ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☐ Yes ☑ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H.1: NON-RCRA

List any State Waste Codes or other state designations: CA 352

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☑ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

UN/NA/RQ Non-RCRA Hazardous Waste Solid
Hazard Class — ID # — PG — Technical N.O.S. descriptions (Resin Beads)

Anticipated Volume: 2 (Drums)/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: UN1A2-55 Weight Per Container: 500 lb

ALL CHEM

Contractor's License #599864

All Chemical Disposal, Inc.

941 Berryessa Road, Suite D • San Jose, CA 95133
Tel: 408-453-1660 • Fax: 408-453-3087

PROJECT ~~STATUS REPORT~~ Service Agreement

Project Number: 44889 **DATE:** 5-30-00

JOB SITE INFORMATION

SALES REP: Susan LOCATION: Mirage Power (R+D)

PROJECT LEAD: Andy CITY, STATE, ZIP: San Jose

GENERATOR CONTACT: Rudy CONTACT PHONE:

APPLICABLE CHANGES IN SCOPE OF WORK REQUIRING SALES REP NOTIFICATION:

Waste → 1X55(1310997)
1X5(1310998)
1X55(1311008) } on 1124499 to ENS
1X55(1310995)
2X55(1311009)
1X55(1310996)
1X55(1310999)

* Supplies provide or on another SUC agreement *

~~GENERATOR SPECIFIC INSTRUCTIONS~~:

Hours.

Andy 2.0

Marshall 2.0

Customer Signature X [signature] X 5/30/00 date

[signature]
All Chemical Disposal, Inc. Representative

Forms by ALLCHEM

ensco environmental systems company **Waste Material Data Sheet**

1311009 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

☐ Fuming/Smoking Waste	☐ Water Reactive
☐ Dioxins & Furans	☐ Air Reactive
☐ Ozone Depletion 40 CFR 82	☐ Explosive
☐ Chlorine ____ %	☐ Radioactive
☐ Bromine ____ %	☐ Biological
☐ Iodine ____ %	☐ Shock Sensitive
☐ Flourine ____ %	☐ Asbestos
☐ Cyanides ____ ppm	☐ Affected Benzene Waste
☐ Sulfides ____ ppm	☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
☐ Phenolics ____ ppm	
☐ PCB ____ ppm	☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity			N/A
(3) Viscosity (centipoise)			N/A
(4) PH ..... constituent	6	8	
(5) BTUs (1000/lb)	5K	8K	
(6) Flash Point (closed cup °F)			N/A

(7) Metals

	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Resin Beads from deionizing water treatment unit	~~50~~ %	~~95~~ %	- ____ %	
Water	5 %	10 %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	

(2) Physical Composition

Solid	50 %	95 %	- ____ %	
Liquid	5 %	10 %	- ____ %	
	____ %	____ %	- ____ %	
	____ %	____ %	- ____ %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1311009

AUTHORIZED SIGNATURE	PRINT NAME	TITLE	DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

Exhibit 5.8.3

Uniform Hazardous Waste Manifest

99147829, Item 11b

Surfactant: Pretreat Plus & Sodium Bisulphate

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. Form designed for use on elite (12-pitch) typewriter

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No. CAD981773448 Manifest Document No.
2. Page 1 of 1
Information in the shaded areas is not required by Federal law.

3. Generator's Name and Mailing Address
Marc Ernst
2150 Commerce Drive
San Jose, CA 95133
4. Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A. State Manifest Document Number 99147[illegible]
B. State Generator's ID
C. State Transporter's ID (Reserved)
D. Transporter's Phone
E. State Transporter's ID (Reserved)
F. Transporter's Phone
G. State Facility's ID
H. Facility's Phone

5. Transporter 1 Company Name: All Chemical Disposal, Inc. 6. US EPA ID Number: CAD982412510
7. Transporter 2 Company Name: All Chemical Disposal, Inc. 8. US EPA ID Number: CAD982412510
9. Designated Facility Name and Site Address: Chemical Waste Management, Incorporated, 35251 Old Skyline Road, Kettleman City, CA 93239 10. US EPA ID Number: CAD982484117

11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12. Containers No.	12. Containers Type	13. Total Quantity	14. Unit Wt/Vol
a. Hazardous Waste Solid, N.O.S. (Contains Arsenic) 9 NA3077 PG III	024	DM	04800 (EST)	P
b. NON-RCRA Hazardous Waste Solid	004	DM	00800 (EST)	P
c.				
d.				

Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
11a: EA 07351
11b: EA 07352
Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16. **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name	Signature	Month	Day	Year
X Rudy Gonzalez For: Marc Ernst	X	05	14	00

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
For: All Chemical Disposal, Inc. Arshad Chaudhry		05	14	00

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
For: All Chemical Disposal, Inc.				

19. Discrepancy Indication Space

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

Printed/Typed Name	Signature	Month	Day	Year

DO NOT WRITE BELOW THIS LINE.

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR
TRANSPORTER
FACILITY

99147[illegible]

DTSC 8022A (1/99)

Yellow GENERATOR RETAINS

ALL CHEM
Contractor's License #599864
All Chemical Disposal, Inc.
941 Berryessa Road, Suite D • San Jose, CA 95133
Tel: 408-453-1660 • Fax: 408-453-3087

PROJECT ~~STATUS REPORT~~ Service Agreement

Project Number: 44889 **DATE:** 5-30-00

JOB SITE INFORMATION

SALES REP: Susan
LOCATION: Mega Power (R+D)
PROJECT LEAD: Andy
CITY, STATE, ZIP: San Jose
GENERATOR CONTACT: Rudy
CONTACT PHONE:

APPLICABLE CHANGES IN SCOPE OF WORK REQUIRING SALES REP NOTIFICATION:

Waste → 1X55(1310997)
1X55(1310998)
1X55(1311008)
1X55(1310995)
2X55(1311009)
1X55(1310996)
1X55(1310999...)

} on 1124499 to ENS

* Supplies provide or on another SUC agreement *

~~GENERATOR SPECIFIC INSTRUCTIONS~~:

Hours.

Andy	2.0
Marshall	2.0

Customer Signature X [signature] X 05/31/00
date

[signature]
All Chemical Disposal, Inc. Representative

ensco Waste Material Data Sheet

1310998 pg 1

EL DORADO, AR
ENSCO
Technical Manager
309 American Circle
El Dorado, AR 71730
ARD069748192
(870) 863-7173

☐ **WILMINGTON, CA**
ENSCO WEST INC.
Technical Manager
1737 East Denni
Wilmington, CA 90744
CAD044429835
(310) 835-0775

Indicate which ENSCO Facilities may be used and send this WMDS to your choice as primary facility.

A. General Information

FOR ENSCO USE: Region PCR Territory 32

ENSCO CUSTOMER ☑ Invoice ☑ Certification
Contact Shawn Moudy/Mark Navratil
Customer Name All Chemical Disposal, Inc.
Address 21 Great Oaks Blvd.
City San Jose
State CA Zip 95119
Phone # (408)363-1660
USEPA ID # CAD982492399

SHIPPING FACILITY ☐ Invoice ☐ Certification
Contact Shawn Moudy/Mark Navratil
Shipper Name Mage Power
Address 2150 Commerce Drive
City San Jose
State CA Zip 95133
Phone # (408)363-1660
USEPA ID # CAD980817753

B. Waste Description

Waste Name Waste Phosphoric acid Solution

1310998 Controlled Document No. R - F0001 8/97

Is a representative sample provided? ☐ Yes ☑ No

Source Code A 93 Form Code B 105

Process Generating Waste SIC #

Process Description Facility Closure / Cleanout

C. General Characteristics (at 70° F unless otherwise specified)

Color Clear
Odor
☑ None ☐ Strong ☐ Mild

☑ Liquid 100 %
☐ Solid ____ %
☐ Sludge ____ %
☐ Powder ____ %
☐ Gas ____ %

PHASES
☑ Single Layer
☐ Double Layer
☐ Multi-Layer

☐ Wastewater or ☑ Non-Wastewater as defined in 40 CFR 268.2

D. Waste Management Methods

☑ Incineration Only
☐ Recycle Only
☐ Fuel Substitution
☐ Most Appropriate Method
☐ Specific Facility Only:

E. Special Handling Instructions

If special handling techniques are required, specify:

F. RCRA Information

Is this a USEPA hazardous waste? ☑ Yes ☐ No Is this an acutely hazardous waste? (40 CFR 261.30 and 33) ☐ Yes ☑ No
List the USEPA hazardous waste codes, Specify the nature of any D003 waste in seciton H 1: D002

List any State Waste Codes or other state designations: CA 791

G. Shipping Information

PROPER SHIPPING DESCRIPTION

DOT Hazardous Material ☑ Yes ☐ No
Poison Inhalation Hazard ☐ Yes ☑ No
Marine Pollutant ☐ Yes ☑ No

☐ RQ Waste Corrosive Liquid, Acidic, Organic, N.O.S.
Hazard Class 8 ID # UN3265 PG II Technical N.O.S. descriptions (Contains Phosphoric acid)

Anticipated Volume: 5 gal Drums/Containers ____ Bulk Liquid/Gallons ____ Bulk Solids/Tons
Shipping Frequency: ☐ One Time ☐ Week ☐ Month ☐ Quarter ☐ Other
Container Size and Type: 1H2H1-5 Weight Per Container: 35-40 lbs

ensco environmental systems company **Waste Material Data Sheet**

1310998 pg 2

H. (1) Hazardous Characteristics and Other Components-Section must be completed.

☑ None Apply Chlorine Recycle (>0.1%) Y ☐ N ☑

Metal Objects: ☑ No ☐ Yes - Describe, include dimensions: _____

☐ Fuming/Smoking Waste	☐ Water Reactive
☐ Dioxins & Furans	☐ Air Reactive
☐ Ozone Depletion 40 CFR 82	☐ Explosive
☐ Chlorine _____ %	☐ Radioactive
☐ Bromine _____ %	☐ Biological
☐ Iodine _____ %	☐ Shock Sensitive
☐ Flourine _____ %	☐ Asbestos
☐ Cyanides _____ ppm	☐ Affected Benzene Waste
☐ Sulfides _____ ppm	☐ Controlled Benzene Waste 40 CFR 61 Subpart FF
☐ Phenolics _____ ppm	
☐ PCB _____ ppm	☐ Oxidizer

	Minimum	Maximum	Avg/ Actual
(2) Specific Gravity	1.0	1.2	
(3) Viscosity (centipoise)	1	100	
(4) PH constituent	2	3	
(5) BTUs (1000/lb)	2K	3K	
(6) Flash Point (closed cup °F)	<200°F		

(7) Metals	Total - Minimum Detection Limit	☐ Total (ppm)	☐ TCLP (mg/l)	☐ STLC (mg/l)	☐ TTLC (mg/kg)
Arsenic (As)	1.30 ppm	NONE			
Thallium (Ti)	1.44 ppm				
Silver (Ag)	0.20 ppm				
Barium (Ba)	0.005 ppm				
Beryllium (Be)	0.01 ppm				
Chromium (Cr)	0.08 ppm				
Antimony (Sb)	0.85 ppm				
Lead (Pb)	0.47 ppm				
Cadmium (Cd)	0.05 ppm				
Mercury (Hg)	0.01 ppm				
Selenium (Se)	5.20 ppm				
Nickel (Ni)	1.01 ppm				
Cobalt (Co)	0.355 ppm				
Manganese (Mn)	0.03 ppm				
Molybdenum (Mo)	0.417 ppm				
Vanadium (V)	0.091 ppm				
Zinc (Zn)	0.185 ppm				
Copper (Cu)	0.526 ppm				
Chromium (6+)	0.007 ppm				

I certify metals are below MDL levels ☐ Yes ☐ No

I. (1) Chemical Composition (If actual percentages are not known, use ranges.) Total should be at least 100%.

All Constituents must be specifically identified and physical composition listed separately.	Minimum	Maximum	Avg/Actual	CAS Number
Phosphonic acid	20 %	40	- %	
Surfactants	10 %	15	- %	
Water	50 %	60	- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	
	%		- %	

(2) Physical Composition

Liquid	%		- 100 %	
	%		- %	
	%		- %	
	%		- %	

I hereby certify that all information in this and all attached documents is complete and accurate and that all known or suspected hazards, including the presence of metal objects as constituents of the waste, have been disclosed.

1310998

AUTHORIZED SIGNATURE | PRINT NAME | TITLE | DATE

ENSCO USE ONLY
☐ EnPak Project #
RECERT DATE

Exhibit 5.8.4

pH Sampling Documentation for

DI Water Bulk Chemical Storage Tanks

pH = 9

Sulfuric Acid Tank

pH = 9

Sodium Hydroxide Tank

Exhibit 5.8.5

Waste Treatment Systems

Bulk Chemical Storage Tank Closure Application

Payment Receipt to City of San Jose

Integrated
Engineering
Services

March 23, 2000

Mr. Mike Randolph
City of San Jose
Bureau of Fire Prevention
4 N. 2nd Sreet, Suite 1100
San Jose, Ca 95113-1305

Subject: Closure Application for MagePower Facility, San Jose

To Whom It May Concern:

Attached please find the following documents related to the facility closure of MagePower, San Jose facility located at 2150 Commerce Drive:

1) Facility Closure Plan
2) A copy of the Hazardous Materials Facility Closure Application previously submitted
3) Hazardous Materials Storage System Installation/Closure Applications (4)
4) Check in the amount of $3,040.00 made out to the City of San Jose

The fees were determined by the following:

1)	Facility Closure Fee		$400.00
2)	Waste Treatment Systems (including AWN tanks and associated process piping from tools to AWN)		$400.00
	2a)	HF Waste Treatment System (including tanks and piping)	$160.00
	2b)	Process Piping (including all corrosive drain piping from tool to AWN)	$160.00
	2c)	DI System (including tanks and piping)	$160.00
3)	Ammonia Toxic Gas System (including influent and effluent piping, mixing manifolds, gas cabinets)		$400.00
	3a)	Chlorine	$160.00
	3b)	Diborane	$160.00
	3c)	Dichlorosilane	$160.00
	3d)	Hydrogen Chloride	$160.00
	3e)	Phosphine	$160.00
	3f)	Silane	$160.00
4)	Emergency Generator (125 gallons tank)		$400.00
		Total	$3,040.00

780 Charcot Ave. • San Jose, CA 95131
Phone (408) 321-0810 • Fax (408) 321-0814 • E-mail: ies@intengr.com

We wish to request an immediate inspection of the trench areas inside the Fab which have been decontaminated. The grates have been removed so you have access to evaluate them and determine if any further sampling is required. Please let me know when you can inspect the trenches..

Should you have any questions, please do not hesitate to contact me at (408) 321-0810, ext 240.

Sincerely,

Sue H. Saso

Sue H. Saso,
Hazardous Materials Consultant

R & S TECHNOLOGY, INC.

4514

[redacted] of San Jose
03/24/2000

Bill #

3/21/2000

3,040.00

PAYMENT RECORD

CHECKING

Magepower Closure (City of San Jose Cupta Account)

3,040.00

134441 (1/00)

-Magepower file

Exhibit 5.9

Exhibit 5.9.1

Uniform Hazardous Waste Manifest

#99147829, Item 11b

Twenty-four Drums of Arsenic Bearing Waste

State of California—Environmental Protection Agency
Form Approved OMB No. 2050-0039 (Expires 9-30-99)
Please print or type. *Form designed for use on elite (12-pitch) typewriter*

See Instructions on back of page 6.

Department of Toxic Substances Control
Sacramento, California

UNIFORM HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No: CAD980817753 | Manifest Document No: 4489 | 2 Page 1 of 1 | Information in the shaded areas is not required by Federal law

3 Generator's Name and Mailing Address
Mage Power
2150 Commerce Drive
San Jose, CA 95133

4 Generator's Phone (408) 980-1613 Attn: Rudy Gonzalez

A State Manifest Document Number: 99147829

B State Generator's ID: EXEMPT

5 Transporter 1 Company Name: All Chemical Disposal, Inc. | 6 US EPA ID Number: CAD982492399

C State Transporter's ID (Reserved)

D Transporter's Phone: (408) 363-1660

7 Transporter 2 Company Name: All Chemical Disposal, Inc. | 8 US EPA ID Number: CAD982492399

E State Transporter's ID (Reserved)

F Transporter's Phone: (408) 363-1660

9 Designated Facility Name and Site Address
Chemical Waste Management, Incorporated
35251 Old Skyline Road
Kettleman City, CA 93239

10 US EPA ID Number: CAT000646117

G State Facility's ID

H Facility's Phone: (559) 386-9711

11 US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)	12 Containers No	12 Containers Type	13 Total Quantity	14 Unit Wt/Vol	Waste Number
a. Hazardous Waste Solid, N.O.S. (Contains Arsenic) 9 NA3077 PG III	014	DM	04800 (EST)	P	State 352 EPA/Other D004 NON-RCRA
b. NON-RCRA Hazardous Waste Solid	004	DM	00800 (EST)	P	State 352 EPA/Other NON-RCRA
c.					State EPA/Other
d.					State EPA/Other

J Additional Descriptions for Materials Listed Above
IIa: 20PK-001-024 (ONIAZ-55)
IIb: 20PK-025-028 (ONIAZ-55)

K Handling Codes for Wastes Listed Above
a. b. c. d.

15 Special Handling Instructions and Additional Information
IIa: EA07351
IIb: EA07352

Emergency Phone: (408)980-1613 Project #: 44889
Site: 2150 Commerce Drive
San Jose, CA 95133

16 **GENERATOR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment, OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

GENERATOR

Printed/Typed Name	Signature	Month	Day	Year
X Kris Wild for: Mage Power	X Kris Wild	05	24	00

TRANSPORTER

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
Andrew D. Chaney for: All Chemical Disposal, Inc.	Andrew D. Chaney	05	24	00

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name	Signature	Month	Day	Year
for: All Chemical Disposal, Inc.				

FACILITY

19 Discrepancy Indication Space

20 Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19

Printed/Typed Name	Signature	Month	Day	Year

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

99147829

DO NOT WRITE BELOW THIS LINE.

DTSC 8022A (1/99)
EPA 8700—22

Blue To GENERATOR SENDS THIS COPY TO DTSC WITHIN 30 DAYS
P.O. Box 400, Sacramento, CA 95812-0400

Exhibit 5.9.2

Wipe Sample Analysis Report For Arsenic

By Columbia Analytical Services, Inc.

June 8, 2000

COLUMBIA ANALYTICAL SERVICES, Inc.
Acronyms

[illegible]LA	American Association for Laboratory Accreditation
[illegible]STM	American Society for Testing and Materials
BOD	Biochemical Oxygen Demand
BTEX	Benzene, Toluene, Ethylbenzene, Xylenes
CAM	California Assessment Metals
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
COD	Chemical Oxygen Demand
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DLCS	Duplicate Laboratory Control Sample
DMS	Duplicate Matrix Spike
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
IC	Ion Chromatography
ICB	Initial Calibration Blank sample
ICP	Inductively Coupled Plasma atomic emission spectrometry
ICV	Initial Calibration Verification sample
J	Estimated concentration. The value is less than the MRL, but greater than or equal to the MDL. If the value is equal to the MRL, the result is actually <MRL before rounding.
LCS	Laboratory Control Sample
LUFT	Leaking Underground Fuel Tank
M	Modified
MBAS	Methylene Blue Active Substances
MCL	Maximum Contaminant Level. The highest permissible concentration of a substance allowed in drinking water as established by the U. S. EPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
MS	Matrix Spike
MTBE	Methyl tert-Butyl Ether
NA	Not Applicable
NAN	Not Analyzed
NC	Not Calculated
NCASI	National Council of the paper industry for Air and Stream Improvement
ND	Not Detected at or above the method reporting/detection limit (MRL/MDL)
NIOSH	National Institute for Occupational Safety and Health
NTU	Nephelometric Turbidity Units
ppb	Parts Per Billion
ppm	Parts Per Million
PQL	Practical Quantitation Limit
QA/QC	Quality Assurance/Quality Control
RCRA	Resource Conservation and Recovery Act
RPD	Relative Percent Difference
SIM	Selected Ion Monitoring
SM	Standard Methods for the Examination of Water and Wastewater, 18th Ed., 1992
STLC	Solubility Threshold Limit Concentration
SW	Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW-846, 3rd Ed., 1986 and as amended by Updates I, II, IIA, and IIB.
TCLP	Toxicity Characteristic Leaching Procedure
TDS	Total Dissolved Solids
TPH	Total Petroleum Hydrocarbons
tr	Trace level. The concentration of an analyte that is less than the PQL but greater than or equal to the MDL. If the value is equal to the PQL, the result is actually <PQL before rounding.
TRPH	Total Recoverable Petroleum Hydrocarbons
TSS	Total Suspended Solids
TTLC	Total Threshold Limit Concentration
VOA	Volatile Organic Analyte(s)

COLUMBIA ANALYTICAL SERVICES, INC.

Analytical Report

Client: R&S Technology, Inc.
Project: MagePower Closure
Sample Matrix: Wipes

Service Request: S2001706
Date Collected: 6/8/00
Date Received: 6/9/00

Arsenic

Prep Method: EPA 3050BM
Analysis Method: 6010A
Test Notes:

Units: ug/Wipe
Basis: NA

Sample Name	Lab Code	MRL	Dilution Factor	Date Extracted	Date Analyzed	Result	Result Notes
#1 floor beadrm	S2001706-001	5	1	6/12/00	6/12/00	55	
#2 wall bead rm	S2001706-002	5	1	6/12/00	6/12/00	6	
#3 floor source	S2001706-003	5	1	6/12/00	6/12/00	15	
Method Blank	S2001706-MB	5	1	6/12/00	6/12/00	ND	

Approved By: _____ Date: 06/16/00

IA/020397b

Columbia Analytical Services
3334 Victor Court • Santa Clara, CA 95054
(408) 748-9700 • FAX (408) 748-9860

CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

SERVICE REQUEST NO. S200\706 P.O.# _____ PAGE 1 OF 1

PROJECT NAME MagePower MMR Closure
PROJECT MGR Rudy Gonzalez
COMPANY R & S Technology, Inc.
ADDRESS 3283 De La Cruz Blvd. Ste D
Santa Clara, CA 95054 PHONE 980-1613
FAX 980-9417
SAMPLER'S SIGNATURE _____

SAMPLE I.D.	DATE	TIME	LAB I.D.	SAMPLE MATRIX	NUMBER OF CONTAINERS	PRESERVATIVE	ANALYSIS REQUESTED: Volatile Organics BY GCMS 624 ☐ 8240 ☐ 8260 ☐	Halogenated or Aromatic Volatiles 601/8010 ☐ 602/8020 ☐ 8021 ☐	TPH as Gas/BTEX ☐ TPH as Gas/BTEX/MTBE ☐	TPH as Diesel ☐ HBHC ☐	Base/Neu/Acid Organics / GCMS 625 ☐ 8270 ☐	Pesticides & PCBs 608/8082 ☐ Pesticides only 8081 ☐ PCBs 8082 ☐	TRPH - 418.1 ☐ Oil and Grease Method	Metals Indicate below. Total ☐ Dissolved ☐	pH; Cond; Cl; SO_4; F; TDS; TSS Alk; NO_3; NO_2 (circle)	NH_3-N; COD; Total-P; TKN; TOC NO_3 / NO_2; Phenols (circle)	Cyanide	ARSENIC :TOTAL	Hydrofluoric Acid	REMARKS
						HCl	HCl	HCl	NP	NP	NP	HCl	HNO₃	NP	H_2SO_4	NaOH	HCl		
#1 floor beadrm	6-8-00	11:42	1	(1)	1											X				wipe
#2 wall bead rm	6-8-00	12:03	2	(2)	1											X				wipe
#3 floor source	6-8-00	12:10	3	(3)	1											X				wipe
#4 HF WALL	6-9-00	7:10		(4)	1												X			wipe
#5 HF Press	6-9-00	7:15		(5)	1												X			wipe
#6 HF Floor	6-9-00	7:20 Am		(6)	1												X			wipe

RELINQUISHED BY: Rudy Gonzalez (Signature) / Rudy Gonzalez (Printed Name) / R+S TECHNOLOGY INC (Firm) / 6-9-00 11:28Am (Date/Time)

RECEIVED BY: Joseph Machado (Signature) / JOSEPH MACHADO (Printed Name) / _____ (Firm) / 6/9/00 1128 (Date/Time)

RELINQUISHED BY: Signature / Printed Name / Firm / Date/Time

RECEIVED BY: Signature / Printed Name / Firm / Date/Time

TURNAROUND REQUIREMENTS
___ 1 day ___ 2 day ___ 3 day
X 5 day ___ Other
___ Standard (10 working days)
Results Due 6/16/00

REPORT REQUIREMENTS
X I. Routine Report
___ II. Report (includes MS, MSD, as required, may be charged as samples)
___ III. Data Validation Report (includes All Raw Data)
___ MDLs/PQLs/Trace ID
___ Electronic Data Deliverables

Shipped _____ Tracking # _____

SAMPLE RECEIPT: Condition _____ Custody Seals _____

SPECIAL INSTRUCTIONS/COMMENTS:
Circle which metals are to be analyzed:
Metals: Al Sb Ba Be B Cd Ca Cr Co Cu Fe Mg Mn Mo Ni K Ag Na Sn V Zn
(As) Pb Se Tl Hg

R8|D2
Storage: D

*Will sample results be used in connection with drinking water regulations? ___ Yes X No If yes, you must so indicate by writing "DW" for each such sample

PAGE 05
COLUMBIA ANALYTICAL
4087489860
06/16/2000 15:56

Integrated Engineering Services

RECEIVED BY ENVIRONMENTAL SERVICES

JUL 10 11 46 AM '01

LETTER OF TRANSMITTAL

TO: Nicole Pulman DATE: July 5, 2001

COMPANY NAME: Co Santa Clara IES PROJ. NO.:

ADDRESS: 2220 Moorpark Ave East Wing Rm 204 PROJECT NAME: Mage Power

CITY: San Jose STATE: CA LOCATION:

ZIP CODE 95128

If you have not received the materials listed below, please contact us.

These are transmitted for:

[ ] Attached
[ ] Shop Drawings
[ ] Prints
[X] Documents
[ ] Specifications

[ ] Under Separate Cover Via
[ ] Drawings
[ ] Catalogs
[ ] Copy of Letter
[ ] Proposal

[ ] Your Use
[ ] Approval
[ ] As Requested
[ ] Review and Return
[ ] OTHER

Copies	Date	Item
1	6/27/00	Environmental testing & Mgmt Report - Mage power
		Reviewed By Nicole P.
		7/16/01

Remarks: Here is the report I received from sampling company

Received by: _____

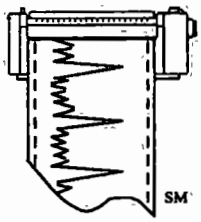
SENT BY: Joelle Hurlston

TELEPHONE: 408-321-0810 ext 206

F:\IES\LIBRARY\PROJECTS\Transmittal form.doc

780 Charcot Ave. * San Jose, California 95131
Phone: (408) 321-0810 * FAX: (408) 321-0814

980-9417



ENVIRONMENTAL TESTING & MGMT.
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

FAX MEMO
PAGES 24 DATE 6/27 FAX # (925) 283-1121
TO
FROM
CO.
PH # FAX #

June 27, 2000

Rudy Gonzales
R & S Technology, Inc.
2084 Alameda Way, Suite 201
San Jose, California 95126

Re: Report for Field Sampling and Test Results
Former Magepower
2150 Commerce Drive
San Jose, California

Dear Mr. Gonzalez:

Per your request, on 6/14/00 Environmental Testing & Mgmt. (ETM) collected soil samples at the site. Following is a description of the sampling procedures and sample locations. The certified analytical reports are attached.

FIELD WORK AND PROCEDURES:

Sampling Locations: The sampling locations were designated by R & S. Technology, Inc., and Mr. George Carson of the County of Santa Clara Department of Environmental Health. The scope of ETM did not include siting sampling locations or mapping the sampling locations. The borings were designated a sample location number and general location description and depth interval. Following are descriptions of soil sampling locations: B-1: Sump-south (15" - 18" depth), B-2: Floor/east corner of vault (15" - 18" depth), B-3 AWN bunker sump (15" to 18" depth).

Soil Boring/Sampling Procedures: A hand auger was employed to advance borings. Soil cuttings from the boring were packed into a brass sleeve. The ends of the liners were capped with

Teflon tape and plastic end caps and each sample was labeled, logged onto a chain-of-custody form, and placed in a chilled ice chest. The sampling equipment was washed in between locations with a laboratory grade detergent and tap water.

Sample Handling and Testing Procedures: The sampling events were witnessed by Mr. George Carson of Santa Clara County Department of Environmental Health and sealed with evidence tape. Mr. Carson signed the chain of custody documention. Samples were stored in a cooler with crushed ice after collection and transported to a laboratory under chain of custody documentation. The laboratory noted the condition of the evidence tape upon arrival of the samples "Evidence tape was undisturb(ed)." The samples were submitted to a Department of Health Services (DHS) certified laboratory for testing. Laboratory tests included EPA Methods 8260B, pH, fluoride, CAM-17 (Title 22), metals.

TABLE 3: SOIL TESTS RESULTS FOR CAM-17 METALS

Tests: CAM 17 TTLC Metals Units: Milligrams/Kilogram (mg/Kg)

Former Magepower 2150 Commerce Drive, San Jose, California

TEST CONSTITUENT	B-1	B-2	B-3
Antimony	<25	<25	<25
Arsenic	12	<5	9.6
Barium	130	210	97
Beryllium	<5	<5	<5
Cadmium	<5	<5	<5
Chromium	34	9.2	34
Cobalt	9.5	8.0	6.1
Copper	22	16	16
Lead	7.6	<5	<5
Mercury	0.152	<0.05	0.1480
Molybdenum	<5	<5	<5
Nickel	67	71	57
Selenium	<25	<25	<25
Silver	<5	<5	<5
Thallium	<25	<25	<25
Vanadium	27	10	27
Zinc	46	43	44

LABORATORY RESULTS:

Soil samples collected at B-1, B-2, and B-3 and tested by EPA Method 8260 did not contain any reported compounds above detection limits. Please see the attached certified laboratory report.

TABLE 1: SOIL TEST RESULTS pH

Former Magepower 2150 Commerce Drive, San Jose, California

SAMPLE LOCATION / DEPTH	LOCATION	pH
B-1 @ 15" - 18"	Sump	9.0
B-2 @ 15" - 18"	Floor	9.1
B-3 @ 15" - 18"	AWN Bunker Sump	8.8

TABLE 2: SOIL TESTS RESULTS FOR FLUORIDE

Former Magepower 2150 Commerce Drive, San Jose, California

Units: mg/Kg

SAMPLE LOCATION / DEPTH	LOCATION	Fluoride
B-1 @ 15" - 18"	Sump	<0.5
B-2 @ 15" - 18"	Floor	<0.5
B-3 @ 15" - 18"	AWN Bunker Sump	<0.5

LIMITATIONS

Environmental Testing & Mgmt. is not responsible for laboratory errors or completeness of other consultants reports, and no warranty is made or implied therein.

The conclusions and professional opinions presented herein were developed by ETM in accordance with current regulatory guidance, and on-site investigation and monitoring data, and the opinions expressed are subject to revision in light of new information which may develop in the future.

If you have any questions, please call at your convenience.

Sincerely yours,

Tom Price
Project Manager

Attachments: Entech Analytical Labs, Inc. Report

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

June 27, 2000

Tom Price
Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112

Order: 20964
Project Name:
Project Number:
Project Notes:

Date Collected: 6/14/00
Date Received: 6/15/00
P.O. Number:

On June 15, 2000, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	EPA 8260B	EPA 8260B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-001 **Client Sample ID:** B-1

Sample Time: 2:40 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	6/25/00	SMS000625	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-001 **Client Sample ID:** B-1

Sample Time: 2:40 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Carbon Disulfide	ND		1	15	15	µg/Kg	6/25/00	SMS000625	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Isopropyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Hexane	ND		1	20	20	µg/kg	6/25/00	SMS000625	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Isopropanol	ND		1	5	5	µg/kg	6/25/00	SMS000625	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-001 **Client Sample ID:** B-1

Sample Time: 2:40 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
tert-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	80	65 - 135
Dibromofluoromethane	91	65 - 135
Toluene-d8	97	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

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1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-002 **Client Sample ID:** B-2

Sample Time: 2:50 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	6/25/00	SMS000625	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-002 **Client Sample ID:** B-2

Sample Time: 2:50 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Carbon Disulfide	ND		1	15	15	µg/Kg	6/25/00	SMS000625	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Hexane	ND		1	20	20	µg/kg	6/25/00	SMS000625	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Isopropanol	ND		1	5	5	µg/kg	6/25/00	SMS000625	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-002 **Client Sample ID:** B-2

Sample Time: 2:50 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
tert-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79	65 - 135
Dibromofluoromethane	96	65 - 135
Toluene-d8	100	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

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1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-003 **Client Sample ID:** B-3

Sample Time: 3:30 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
1,1,1,2-Tetrachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,1-Trichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,2,2-Tetrachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1,2-Trichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,1-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,3-Trichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,3-Trichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,4-Trichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2,4-Trimethylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dibromo-3-Chloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dibromoethane (EDB)	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
[illegible]-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
[illegible]-Dichloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,2-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3,5-Trimethylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,3-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
1,4-Dichlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2,2-Dichloropropane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Butanone (MEK)	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Chloroethyl-vinyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Chlorotoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
2-Hexanone	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
4-Chlorotoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
4-Methyl-2-Pentanone(MIBK)	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Acetone	ND		1	100	100	µg/Kg	6/25/00	SMS000625	EPA 8260B
Acrylonitrile	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Allyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Benzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Benzyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromochloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromodichloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Bromoform	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Environmental Testing & Management
1792 Rogers Avenue
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Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-003 **Client Sample ID:** B-3

Sample Time: 3:30 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Bromomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Carbon Disulfide	ND		1	15	15	µg/Kg	6/25/00	SMS000625	EPA 8260B
Carbon Tetrachloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chlorobenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloroform	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Chloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,2-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,3-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
cis-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dibromochloromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dibromomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Dichlorodifluoromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Diisopropyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Ethyl Benzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Ethyl Methacrylate	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Hexachlorobutadiene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Hexane	ND		1	20	20	µg/kg	6/25/00	SMS000625	EPA 8260B
Iodomethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Isopropanol	ND		1	5	5	µg/kg	6/25/00	SMS000625	EPA 8260B
Isopropylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methacrylonitrile	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methyl Methacrylate	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Methylene Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
n-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
n-Propylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Naphthalene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
p-Isopropyltoluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Pentachloroethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Propionitrile	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
sec-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Styrene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Amyl Methyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Butanol	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
tert-Butyl Ethyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/27/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-003 **Client Sample ID:** B-3

Sample Time: 3:30 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
tert-Butylbenzene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Tetrachloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Toluene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,2-Dichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,3-Dichloropropene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
trans-1,4-Dichloro-2-butene	ND		1	20	20	µg/Kg	6/25/00	SMS000625	EPA 8260B
Trichloroethene	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Trichlorofluoromethane	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Vinyl Chloride	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B
Xylenes, Total	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	78	65 - 135
Dibromofluoromethane	94	65 - 135
Toluene-d8	89	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

June 26, 2000

Tom Price
Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112

Order: 20964 **Date Collected:** 6/14/00
Project Name: **Date Received:** 6/15/00
Project Number: **P.O. Number:**
Project Notes:

On June 15, 2000, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	MTBE by EPA 8260B	EPA 8260B

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/26/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-001 **Client Sample ID:** B-1

Sample Time: 2:40 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	80	65 - 135
Dibromofluoromethane	91	65 - 135
Toluene-d8	97	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/26/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-002 **Client Sample ID:** B-2

Sample Time: 2:50 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	79	65 - 135
Dibromofluoromethane	96	65 - 135
Toluene-d8	100	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle D. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/26/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-003 **Client Sample ID:** B-3

Sample Time: 3:30 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	Flag	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Methyl-t-butyl Ether	ND		1	5	5	µg/Kg	6/25/00	SMS000625	EPA 8260B

Surrogate	Surrogate Recovery	Control Limits (%)
4-Bromofluorobenzene	78	65 - 135
Dibromofluoromethane	94	65 - 135
Toluene-d8	89	65 - 135

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

CA ELAP# 2346

525 Del Rey Avenue, Suite E • Sunnyvale, CA 94086 • (408) 735-1550 • Fax (408) 735-1554

June 22, 2000

Tom Price
Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112

Order: 20964
Project Name:
Project Number:
Project Notes:

Date Collected: 6/14/00
Date Received: 6/15/00
P.O. Number:

On June 15, 2000, samples were received under documentented chain of custody. Results for the following analyses are attached:

Matrix	Test	Method
Solid	CAM 17 TTLC	EPA 6010B
		EPA 7471
	Fluoride	EPA 340.2
	pH	EPA 9045C

Chemical analysis of these samples has been completed. Summaries of the data are contained on the following pages. USEPA protocols for sample storage and preservation were followed.

Entech Analytical Labs, Inc. is certified by the State of California (#2346). If you have any questions regarding procedures or results, please call me at 408-735-1550.

Sincerely,

Michelle L. Anderson
Lab Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/22/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-001 **Client Sample ID:** B-1

Sample Time: 2:40 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	PrepDate	Analysis Date	QC Batch ID	Method
Antimony	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Arsenic	12	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Barium	130	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Beryllium	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Cadmium	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Chromium	34	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Cobalt	9.5	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Copper	22	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Lead	7.6	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Mercury	0.1520	1	0.05	0.05	mg/Kg	6/21/00	6/21/00	SHG000611	EPA 7471
Molybdenum	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Nickel	67	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Selenium	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Silver	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Thallium	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Vanadium	27	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Zinc	46	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/22/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-002 **Client Sample ID:** B-2 ♂

Sample Time: 2:50 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	PrepDate	Analysis Date	QC Batch ID	Method
Antimony	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Arsenic	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Barium	210	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Beryllium	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Cadmium	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Chromium	9.2	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Cobalt	8.0	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Copper	16	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Lead	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Mercury	ND	1	0.05	0.05	mg/Kg	6/21/00	6/21/00	SHG000611	EPA 7471
Molybdenum	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Nickel	71	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Selenium	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Silver	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Thallium	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Vanadium	10	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Zinc	43	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle D. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/22/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-003 **Client Sample ID:** B-3

Sample Time: 3:30 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	PrepDate	Analysis Date	QC Batch ID	Method
Antimony	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Arsenic	9.6	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Barium	97	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Beryllium	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Cadmium	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Chromium	34	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Cobalt	6.1	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Copper	16	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Lead	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Mercury	0.1480	1	0.05	0.05	mg/Kg	6/21/00	6/21/00	SHG000611	EPA 7471
Molybdenum	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Nickel	57	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Selenium	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Silver	ND	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Thallium	ND	5	5	25	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Vanadium	27	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B
Zinc	44	5	1	5	mg/Kg	6/16/00	6/20/00	SM000615	EPA 6010B

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle L. Anderson, Laboratory Director

Entech Analytical Labs, Inc.

CA ELAP# 2346

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Environmental Testing & Management
1792 Rogers Avenue
San Jose, CA 95112
Attn: Tom Price

Date: 6/22/00
Date Received: 6/15/00
Project Name:
Project Number:
P.O. Number:
Sampled By: Client

Certified Analytical Report

Order ID: 20964 **Lab Sample ID:** 20964-001 **Client Sample ID:** B-1
Sample Time: 2:40 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	6/19/00	SF000619	EPA 340.2
pH	9.0	1			STU	6/19/00	SPH000619	EPA 9045C

Order ID: 20964 **Lab Sample ID:** 20964-002 **Client Sample ID:** B-2
Sample Time: 2:50 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	6/19/00	SF000619	EPA 340.2
pH	9.1	1			STU	6/19/00	SPH000619	EPA 9045C

Order ID: 20964 **Lab Sample ID:** 20964-003 **Client Sample ID:** B-3
Sample Time: 3:30 PM **Sample Date:** 6/14/00 **Matrix:** Solid

Parameter	Result	DF	PQL	DLR	Units	Analysis Date	QC Batch ID	Method
Fluoride	ND	1	0.5	0.5	mg/Kg	6/19/00	SF000619	EPA 340.2
pH	8.8	1			STU	6/19/00	SPH000619	EPA 9045C

DF = Dilution Factor ND = Not Detected DLR = Detection Limit Reported PQL = Practical Quantitation Limit

Analysis performed by Entech Analytical Labs, Inc. (CA ELAP #2346)

Michelle D. Anderson, Laboratory Director

Environmental Analysis Since 1983

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

Volatile Organic Compounds
Laboratory Control Sample

QC Batch #: SMS000625
Matrix: Solid
Units: µg/kg

Date analyzed: 06/25/00
Spiked Sample: Blank Spike

PARAMETER	Method #	SA µg/kg	SR µg/kg	SP µg/kg	SP %R	SPD µg/kg	SPD %R	RPD	QC LIMITS RPD	QC LIMITS
1,1-Dichloroethene	8240/8260	25	ND	22.5	**90**	23.1	**92**	2.6	25	65-135
Benzene	8240/8260	25	ND	25.9	**104**	25.2	**101**	2.7	25	65-135
Trichloroethene	8240/8260	25	ND	25.1	**100**	24.4	**98**	2.8	25	65-135
Toluene	8240/8260	25	ND	23.7	**95**	23.4	**94**	1.3	25	65-135
Chlorobenzene	8240/8260	25	ND	25.9	**104**	25.5	**102**	1.6	25	65-135
Surrogates										
Toluene -d8	8240/8260		91%	87%		85%				65-135
Dibromofluoromethane	8240/8260		86%	95%		86%				65-135
4-Bromofluorobenzene	8240/8260		87%	95%		88%				65-135
1,2 - Dichloroethane-d4	8240/8260		78%	98%		86%				65-135

Definition of Terms:

- na: Not Analyzed in QC batch
- SA: Spike Added
- SR: Sample Result
- RPD(%): Duplicate Analysis - Relative Percent Difference
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike Duplicate % Recovery
- NC: Not Calculated

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

Laboratory Control Spikes
METHOD: EPA 6010

QC Batch #: SM000615
Matrix: Solid
Units: mg/kg

Date Analyzed: 06/20/00
Date Digested: 06/16/00
Digestion Method: EPA 3050
Spiked Sample: Blank Spike

PARAMETER	Method #	MB mg/kg	SA mg/kg	SR mg/kg	SP mg/kg	SP %R	SPD mg/kg	SPD %R	RPD	QC LIMITS RPD	QC LIMITS %R
Antimony	6010	<1.0	50.	0.0	48.	**97**	49.	**98**	0.9	25.0	75-125
Arsenic	6010	<1.0	50.	0.0	41.	**83**	44.	**88**	5.3	25.0	75-125
Barium	6010	<1.0	50.	0.0	49.	**97**	49.	**98**	1.2	25.0	75-125
Beryllium	6010	<1.0	50.	0.0	50.	**101**	51.	**103**	2.1	25.0	75-125
Cadmium	6010	<1.0	50.	0.0	48.	**95**	49.	**98**	3.0	25.0	75-125
Chromium	6010	<1.0	50.	0.0	47.	**93**	48.	**96**	2.6	25.0	75-125
Cobalt	6010	<1.0	50.	0.0	44.	**88**	45.	**91**	2.5	25.0	75-125
Copper	6010	<1.0	50.	0.0	46.	**93**	47.	**94**	1.3	25.0	75-125
Lead	6010	<1.0	50.	0.0	45.	**89**	45.	**90**	0.5	25.0	75-125
Molybdenum	6010	<1.0	50.	0.0	51.	**102**	52.	**104**	2.1	25.0	75-125
Nickel	6010	<1.0	50.	0.0	50.	**100**	52.	**103**	2.7	25.0	75-125
Selenium	6010	<1.0	50.	0.0	47.	**94**	49.	**97**	2.7	25.0	75-125
Silver	6010	<1.0	50.	0.0	45.	**90**	46.	**92**	2.1	25.0	75-125
Thallium	6010	<1.0	50.	0.0	47.	**94**	49.	**98**	4.1	25.0	75-125
Vanadium	6010	<1.0	50.	0.0	50.	**100**	51.	**102**	2.2	25.0	75-125
Zinc	6010	<1.0	50.	0.0	43.	**85**	44.	**87**	2.4	25.0	75-125

Definition of Terms:

- na: Not Analyzed in QC batch
- MB: Method Blank
- SA: Spike Added
- SR: Sample Result
- SP: Spike Result
- SP (%R): Spike % Recovery
- SPD: Spike Duplicate Result
- SPD (%R): Spike Duplicate % Recovery

Entech Analytical Labs, Inc.

525 Del Rey Avenue, Suite E
Sunnyvale, CA 94086

QUALITY CONTROL RESULTS SUMMARY

Laboratory Control Spike
METHOD: EPA 7471

QC Batch #: SHG000611
Matrix: Solid
Units: mg/kg

Date Analyzed: 06/21/00
Quality Control Sample: Blank Spike

PARAMETER	Method #	MB mg/kg	SA mg/kg	SR mg/kg	SP mg/kg	**SP %R**	SPD mg/kg	**SPD %R**	RPD	QC LIMITS %R
Mercury	7471	<0.10	0.20	0.00	0.22	**108**	0.19	**96**	11.6	44-145

Definition of Terms:

MB: Method Blank
SA: Spike Added
SR: Sample Result
SP: Spike Result
SP (%R) Spike % Recovery
SPD Spike Duplicate Result
SPD (%R) Spike Duplicate % Recovery

Entech Analytical Labs, Inc.

525 Del Rey, Suite E (408) 735-1550
Sunnyvale, CA 94086 (408) 735-1554 - Fax

Chain of Custody / Analysis Request

Send Report to: Tom Price	Phone No. (408) 453-1800	Send Invoice to (if Different)	Phone No.
Client Env. Tst + Mgmt	Fax No. (408) 453 1801	Company	Purchase Order No.
Mailing Address 1792 Rogers Ave		Billing Address (If Different)	
City San Jose	State CA Zip 95112	City	State / Zip
Sampler Tom Price	Project Name / Project No.	Turn Around Time: ☑ Standard ☐ 4 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day ☐ Same Day	

Order ID: 209764

Lab #	Client ID	Sampling: Date	Sampling: Time	No. Containers: Voa	Amb	Poly	Sleeve (Brass)	Other	Pres.	Matrix: Solid, Liquid, Wipe, Oil, Air
001	B-1	6/14/07	2PM				✓			
002	B-2	6/14/0	250				✓			
003	B-3	6/14/07	330				✓			
004	B-2 (backup)	↓								

Requested Analyses

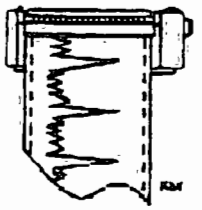
TPH Gas/BTEX (8015M/8020)	MTBE (EPA 8020)	TPH Diesel (8015M)	EPA 8260B	MTBE (EPA 8260B)	OXY by 8260B	EPA 8010 ☐ Freon 113	EPA 8270	Pesticides (EPA 8081)	PCBs (EPA 8082)	pH	HF (Fluoride)	Wet Total TCLP ☐☐☐	CAM-17 (Title 22) ☐☐☐	Cd, Cr, Ni, Pb, Zn ☐☐☐	PPM-13 Metals ☐☐☐	Lead ☐☐☐	Cd, Cr, Cu, Pb, Ni, Ag, Zn	Hold
										✓	✓		✓					
										✓	✓		✓					
										✓	✓		✓					
																		✓

Relenquished by: Tom Price	Received by: [illegible]	Date 6/15/07	Time 1008
Relenquished by:	Received by:	Date	Time
Relenquished by:	Received by:	Date	Time

Special Instructions or Comments ☐ NPDES Detection Limits

Laboratory: Please note condition of evidence tape upon arrival at laboratory.
Witness: George Carson / Santa Clara Co
Evidence tape was undisturbed

980-94



ENVIRONMENTAL TESTING & MGMT.
1792 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112
408.453.1800 FAX: 408.453.1801

FAX MEMO
TO
FROM
CO.
PH#
FAX #

June 27, 2000

Rudy Gonzales
R & S Technology, Inc.
2084 Alameda Way, Suite 201
San Jose, California 95126

Re: Report for Field Sampling and Test Results
Former Magepower
2150 Commerce Drive
San Jose, California

Dear Mr. Gonzalez:

Per your request, on 6/14/00 Environmental Testing & Mgmt. (ETM) collected soil samples at the site. Following is a description of the sampling procedures and sample locations. The certified analytical reports are attached.

FIELD WORK AND PROCEDURES:

Sampling Locations: The sampling locations were designated by R & S. Technology, Inc., and Mr. George Carson of the County of Santa Clara Department of Environmental Health. The scope of ETM did not include siting sampling locations or mapping the sampling locations. The borings were designated a sample location number and general location description and depth interval. Following are descriptions of soil sampling locations: B-1: Sump-south (15" - 18" depth), B-2: Floor/east corner of vault (15" - 18" depth), B-3 AWN bunker sump (15" to 18" depth).

Soil Boring/Sampling Procedures: A hand auger was employed to advance borings. Soil cuttings from the boring were packed into a brass sleeve. The ends of the liners were capped with

Teflon tape and plastic end caps and each sample was labeled, logged onto a chain-of-custody form, and placed in a chilled ice chest. The sampling equipment was washed in between locations with a laboratory grade detergent and tap water.

Sample Handling and Testing Procedures: The sampling events were witnessed by Mr. George Carson of Santa Clara County Department of Environmental Health and sealed with evidence tape. Mr. Carson signed the chain of custody documention. Samples were stored in a cooler with crushed ice after collection and transported to a laboratory under chain of custody documentation. The laboratory noted the condition of the evidence tape upon arrival of the samples "Evidence tape was undisturb(ed)." The samples were submitted to a Department of Health Services (DHS) certified laboratory for testing. Laboratory tests included EPA Methods 8260B, pH, fluoride, CAM-17 (Title 22), metals.

LABORATORY RESULTS:

Soil samples collected at B-1, B-2, and B-3 and tested by EPA Method 8260 did not contain any reported compounds above detection limits. Please see the attached certified laboratory report.

TABLE 1: SOIL TEST RESULTS pH

Former Magepower 2150 Commerce Drive, San Jose, California

SAMPLE LOCATION DEPTH	LOCATION	pH
B-1 @ 15" - 18"	Sump	9.0
B-2 @ 15" - 18"	Floor	9.1
B-3 @ 15" - 18"	AWN Bunker Sump	8.8

TABLE 2: SOIL TESTS RESULTS FOR FLUORIDE

Former Magepower 2150 Commerce Drive, San Jose, California

Units: mg/Kg

SAMPLE LOCATION DEPTH	LOCATION	[illegible]
B-1 @ 15" - 18"	Sump	<0.5
B-2 @ 15" - 18"	Floor	<0.5
B-3 @ 15" - 18"	AWN Bunker Sump	<0.5

TABLE 3: SOIL TESTS RESULTS FOR CAM-17 METALS

Tests: CAM 17 TTLC Metals Units: Milligrams/Kilogram (mg/Kg)*

Former Magepower 2150 Commerce Drive, San Jose, California

TEST CONSTITUENT	B-1	B-2	B-3	TTLC mg/kg	PRG IND
Antimony	<25	<25	<25	500	820
Arsenic	12	<5	9.6	500	440
Barium	130	210	97	10,000	100,000
Beryllium	<5	<5	<5	75	2200
Cadmium	<5	<5	<5	100	810
Chromium	34	9.2	34	500	450
Cobalt	9.5	8.0	6.1	8,000	100,000
Copper	22	16	16	2,500	76,000
Lead	7.6	<5	<5	1,000	1000
Mercury	0.152	<0.05	0.1480	20	610
Molybdenum	<5	<5	<5	3,500	10,000
Nickel	67	71	57	2,000	41,000
Selenium	<25	<25	<25	100	10,000
Silver	<5	<5	<5	500	10,000
Thallium	<25	<25	<25	700	160
Vanadium	27	10	27	2,400	14,000
Zinc	46	43	44	5,000	100,000

LIMITATIONS

Environmental Testing & Mgmt. is not responsible for laboratory errors or completeness of other consultants reports, and no warranty is made or implied therein.

The conclusions and professional opinions presented herein were developed by ETM in accordance with current regulatory guidance, and on-site investigation and monitoring data, and the opinions expressed are subject to revision in light of new information which may develop in the future.

If you have any questions, please call at your convenience.

Sincerely yours,

Tom Price
Project Manager

Attachments: Entech Analytical Labs, Inc. Report

Exhibit 6.0

Soil Sampling

Core Samples of the AWN

Permit-By-Rule Closure

Exhibit 7.0

Integrated Engineering Services

June 27, 2000

Bay Area Air Quality Management District
Permit Services
939 Ellis Street
San Francisco, CA 94109

Subject: MagePower Facility Closure

To Whom it May Concern:

Integrated Engineering Services (IES) and R&S Technology were contracted by General Bank to complete facility closure activities at MagePower located at 2150 Commerce Drive in San Jose.

MagePower ceased operation at the facilities in spring of 1999 at which time all manufacturing equipment ceased operating. All equipment has been removed from the facility and final closure walkthrough of the facilities was performed on June 8, 2000 by the San Jose Fire Department and on June 14, 2000 by the Santa Clara County Health Department, Environmental Division for the PBR closure. Copies of these inspections are attached.

Please cancel any permits associated with this facility that may still be active with your agency. There is no forwarding address for this company. Should you have any questions, please contact Jeff Tarter at (408) 321-0810.

Sincerely,

Sue Saso

Sue H. Saso
Hazardous Materials Consultant

780 Charcot Ave. • San Jose, CA 95131
Phone (408) 321-0810 • Fax (408) 321-0814 • E-mail: ies@intengr.com

Integrated
Engineering
Services

June 27, 2000

Department of Toxic Substances Control
700 Heinz Avenue, Suite 200
Berkeley, CA 94710

Subject: MagePower Facility Closure

To Whom It May Concern:

Integrated Engineering Services (IES) and R&S Technology were contracted by General Bank to complete facility closure activities at MagePower located at 2150 Commerce Drive in San Jose.

MagePower ceased operation at the facilities in spring of 1999 and the final closure walkthrough of the facilities was performed on June 8, 2000 by the San Jose Fire Department and on June 14, 2000 by the Santa Clara County Health Department, Environmental Division for the PBR closure. A Post-Closure Report was submitted to the Santa Clara County Health Department, Environmental Division.

Please cancel all permits associated with this facility that may still be active with your agency. There is no forwarding address for this company. Should you have any questions, please contact Jeff Tarter at (408) 321-0810.

Sincerely,

Sue H. Saso

Sue H. Saso
Hazardous Materials Consultant

780 Charcot Ave. • San Jose, CA 95131
Phone (408) 321-0810 • Fax (408) 321-0814 • E-mail: ies@intengr.com

Integrated
Engineering
Services

June 27, 2000

San Jose/Santa Clara Water Pollution Control Plant
4245 Zanker Road, Suite S
San Jose, CA 95134

Subject: MagePower Facility Closure

To Whom it May Concern:

Integrated Engineering Services (IES) and R&S Technology were contracted by General Bank to complete facility closure activities at MagePower located at 2150 Commerce Drive in San Jose.

MagePower ceased operation at the facilities in spring of 1999 and the final closure walkthrough of the facilities was performed on June 8, 2000 by the San Jose Fire Department and on June 14, 2000 by the Santa Clara County Health Department, Environmental Division for the PBR closure. Copies of these inspections are attached.

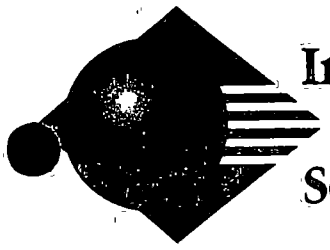
Please cancel all wastewater discharge permits associated with this facility that may still be active with your agency. There is no forwarding address for this company. Should you have any questions, please contact Jeff Tarter at (408) 321-0810.

Sincerely,

Sue Saso

Sue H. Saso
Hazardous Materials Consultant

780 Charcot Ave. • San Jose, CA 95131
Phone (408) 321-0810 • Fax (408) 321-0814 • E-mail: ies@intengr.com



Integrated Engineering Services

June 27, 2000

Ms. Nicole Pullman
Santa Clara County Environmental Health
Hazardous Materials Compliance Division
2220 Moorpark Ave, East Wing, Room 204
San Jose, CA 95128-2690

Subject: MagePower Facility Closure

Dear Nicole:

Integrated Engineering Services (IES) and R&S Technology were contracted by General Bank to complete facility closure activities at MagePower located at 2150 Commerce Drive in San Jose.

MagePower ceased operation at the facilities in spring of 1999 and the final closure walkthrough of the facilities was performed on June 8, 2000 by the San Jose Fire Department and on June 14, 2000 by the Santa Clara County Health Department, Environmental Division for the PBR closure. A copy of the Post-Closure Report is enclosed. Section 3.4 includes closure activities and sampling associated with closing the PBR-permitted ANS.

Please cancel all permits associated with this facility that may still be active with your agency. There is no forwarding address for this company. Should you have any questions, please contact Rudy Gonzalez at (408) 980-1613 or Jeff Tarter at (408) 321-0810.

Sincerely,

Sue H. Saso
Hazardous Materials Consultant

780 Charcot Ave. • San Jose, CA 95131
Phone (408) 321-0810 • Fax (408) 321-0814 • E-mail: ies@intengr.com

RECORD OF INSPECTION
SUPPLEMENT

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

File Number: [redacted] PAGE 1 OF [redacted]

Employee No.: [redacted]

Conducted by: Code Enforcement ☐ Engineering ☐ HazMat ☒ Line ☐

Type of Inspection: F/S Permit ☐ One-Time permit ☐ HazMat Permit ☐ Non-permitted ☐ FDIC ☐

Street Number	Dir.	Street Name	Type	Zip	Building Unit
150		Commerce	Dr		

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San José Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
		Observed collection of 3 wipe samples for arsenic		
		1 sample over 24 inches x 24 inches of floor of arsenic source rebuild room below former arsenic head		
		1 sample on wall about 13x15 inches of arsenic bead blast room		
		1 sample on floor 2 ft x 2 ft of arsenic bead blast room		
17.12	V	Analyze all 3 wipe samples for arsenic		
		@ Inspected areas beneath former HF tanks and also sulfuric acid and sodium hydroxide tanks. No signs of significant stains. No samples required for these 3 tanks		

Last inspection

TIME 6 | DATE 6/5/07 | BILL? Y/N N | OCC INIT [redacted]

NO FEE ☐

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice. Inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a CITATION to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

x [redacted] x Mike Randolph

Inspecting Officer (Print Name, Assignment) | Inspecting Officer (Signature)

240-14supp (REV 5/99)

RECORD OF INSPECTION
SUPPLEMENT

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

File Number

Employee No

Conducted by: Code Enforcement ☐ ☐ Engineering HazMat ☒ ☐ Line

Type of Inspection: F/S Permit ☐ ☐ One-Time permit HazMat Permit ☐ ☐ Non-permitted ☐ FDIC

Street Number | Dir. | Street Name | Type | Zip | Building Unit

1150 | | Commercial | | | |

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
		Inspected Flammable liquid and Flam. Waste storage bunkers. No signs of significant stains. All chemicals removed.		
		Inspected AWN system and discussed soil borings and analysis with County Health Dept Inspector who is overseeing AWN closure. No signs of contamination below H_2SO_4 and NaOH tanks for D.I water near generator. Inspected the former Fab, the equipment pad, maintenance room, roof etc. Only chemicals on site that do not belong to contractor or will not be removed as haz waste are 20-30 gallons of misc maintenance/roof patch chemicals and a 250-300 gallon diesel tank that had diesel fuel removed.		
		Soil samples D.I. tanks required.		

TIME | DATE 6/5/00 | BILL? Y/N N | OCC INIT MS | NO FEE ☐

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

Inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a CITATION to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

X _____ Occupant

X T. M. Randolph Inspecting Officer (Print Name, Assignment)

X Mike Randolph Inspecting Officer (Signature)

RECORD OF INSPECTION
SUPPLEMENT

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

File Number: [redacted] PAGE 5 OF [redacted]

Conducted by: Code Enforcement ☐ ☐ Engineering HazMat ☒ ☐ Line

Type of Inspection: F/S Permit ☐ ☐ One-Time permit HazMat Permit ☐ ☐ Non-permitted ☐ FDIC

Employee No.: [redacted]

Street Number	Dir.	Street Name	Type	Zip	Building Unit
2150		Commerce			

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
		I stated that the ~~unit~~ maintenance chemicals can stay on-site.		
		*I need to research if permit fees will be required for diesel tank for emergency generator that will remain. Tank has 7/93 date.		
		No additional soil or wipe samples required. ~~Overall~~, No toxic gas piping observed thruout F.b. No haz. liquid piping observed on site.		
→		Overall, closure has ~~to~~ been ~~done~~ performed to a very good standard.		
		~~All~~ All ~~hazard~~ exhaust ducts that may have contained haz vapors/gases appear to have been removed. No such ducts observed		

TIME [redacted] NO FEE ☐
DATE 6/8/10
BILL? Y/N N
O C C INIT MB

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.
Inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.
Failure to comply with the foregoing order by the date of reinspection may cause a CITATION to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

X [redacted] X Mike Randolph X Mike Randolph
Occupant Inspecting Officer (Print Name, Assignment) Inspecting Officer (Signature)

240-14supp (REV. 5/99)

RECORD OF INSPECTION
SUPPLEMENT

File Number | PAGE | OF

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

Conducted by: Code Enforcement ☐ Engineering ☐ HazMat ☑ Line ☐

Type of Inspection: F/S Permit ☐ One-Time permit ☐ HazMat Permit ☐ Non-permitted ☐ FDIC ☐

Employee No

Street Number | Dir | Street Name | Type | Zip | Building Unit

2155 Gunther Ct

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:
You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
	X	Gene Contractor and I determined the exact location of borings given limitations of concrete cutter, and estimated thickness of concrete along vertical trench walls, stairwell, etc.		
		Inspected other areas inside fab – no further sampling required.		
		Inspected outdoor areas, Unable to inspect flammable liquid storage shed near cryogenic H_2 tanks and flammable waste drum storage area. Both areas contained debris and/or drums which prevented inspection of floors in both areas.		
		Other than above areas, no additional soil samples required. The 2 above areas to be inspected later for possible samples.		

TIME	4	5				NO FEE
DATE	4/30/99	4/30/99				
BILL? Y/N	N	N				
O.C.C. INIT	TW	TW				

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

Inspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

X _____ Occupant

X Mike Randolph Inspecting Officer (Print Name, Assignment)

X Mike Randolph Inspecting Officer (Signature)

240-14supp (REV. 5/98)

San Jose Fire Department
Four North Second Street
Suite 1100
San Jose, CA 95113-1305

RECORD OF INSPECTION

SUPPLEMENT

File Number | PAGE | OF

Conducted by: Code Enforcement ☐ Engineering ☐ HazMat ☐ Line ☐

Type of Inspection: F/S Permit ☐ One-Time permit ☐ HazMat Permit ☐ Non-permitted ☐ FDIC ☐

Employee No.

Street Number	Dir	Street Name	Type	Zip	Building Unit
1250		Commerce			

NOTICE OF FIRE AND SAFETY HAZARDS AND/OR PERMITS REQUIRED:

You are hereby notified that an inspection of your premises has disclosed that the following permits are required and/or that corrections are required for the following violations of the following provisions of Title 19, Title 23, Title 24, or Title 25 of the California Code of Regulations, Chapter 6.7 and 6.95 of the California Health and Safety Code, or the San Jose Municipal Code.

CODE SECTION	P/V	DESCRIPTION	APPR	DATE
		At least 3 wipe samples to be collected in asphalt cleaning and bead blast rooms.		
		Required analyses of 7 soil samples All 7 samples: pH and Fluoride		
		Samples:		

TIME | DATE 4/20/16 | BILL? Y/N | OCC INIT | NO FEE ☐

ORDER TO COMPLY:

As such conditions are contrary to law, you are hereby required to correct said conditions immediately upon receipt of this notice.

Reinspection to determine whether or not you have complied with this notice will be conducted on or after _____ days.

Failure to comply with the foregoing order by the date of reinspection may cause a **CITATION** to be issued for the penalties provided by law for such violations and may also render you liable for all suppression costs that might occur in the event of a fire.

X _____ Occupant's Title

X Mike Randolph Inspecting Officer (Print Name, Assignment)

X Mike Randolph Inspecting Officer (Signature)

240-14supp (REV. 5/99)

CITY OF SAN JOSÉ, CALIFORNIA

SAN JOSE FIRE DEPARTMENT

June 30, 2000

Rucy Gonzalez
R & S Technology, Inc.
3283 De La Cruz Blvd. Ste D
Santa Clara, CA 95054

Re: Facility Closure at 2250 Commerce Drive

Dear Mr. Gonzalez:

The closure of the MagePower facility at 2250 Commerce Drive in San Jose has complied with all City of San Jose Fire Department requirements except for the work to be performed as stated in the letter dated June 29, 2000 from R & S Enterprises. This work consists of properly removing all floor tile in the arsenic rooms and painting the walls in the arsenic rooms with a polyurethane paint.

The closure of this facility has complied with all other City of San Jose Fire Department requirements based upon:

- My inspections of the facility on March 30, April 20, and June 30, 2000; when I did not observe any hazardous materials or wastes to be present (other than an empty, aboveground, diesel fuel tank for which the property owner will be responsible).
- The results of seven soil samples and three wipe samples.
- The receipt of post-closure documentation on June 27, 2000 which included the manifests for the hazardous wastes and a detailed description of how the chemical tanks, piping, ducts, and equipment were cleaned and properly disposed.
- A letter from Mr. Michael Williams, a Certified Industrial Hygienist, dated June 29, 2000 regarding the insignificant health risk posed by the level of arsenic on the wall of the former arsenic room.

Other agencies, including the Regional Water Quality Control Board and the Department of Toxic Substances Control, will be notified of the soil sample results (with 6.3 ug/Kg of chloromethane found in one of the samples) for their consideration.

Thank you for your cooperation in properly closing this facility. If you have any questions, please do not hesitate to contact me at (408) 277-8744.

Respectfully,

Michael Randolph

Michael Randolph
Hazardous Materials Inspector

MR:mr

County of Santa Clara

Environmental Resources Agency
Department of Environmental Health
Hazardous Materials Compliance Division
2220 Moorpark Avenue, East Wing, Room 204
San Jose, California 95128-2690
(408) 299-6930 FAX 280-6479
www.chinfo.org

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

July 25, 2001

COPY

Deven K. Mays
Greater Bay Bank
1255 Treat Boulevard, Suite 100
Walnut Creek, CA 94596

EPA ID: CAD CAD980817753
Initial auth.: 12/23/93

Facility site address:
~~2150 2250~~ Commerce Drive
San Jose, CA 95131

SUBJECT: RESPONSE TO CLOSURE OF PBR UNIT AT FORMER MAGEPOWER SEMICONDUCTOR CORP

Dear Onsite Treatment Facility:

The Santa Clara County Hazardous Materials Compliance Division has received your correspondence informing this office of the closure of your treatment unit. The "Facility Post-Closure Report" has been reviewed along with all other submitted documents.

This office considers your treatment operation to be closed as of 7/25/2001 and no longer subject to the operating standards of your treatment authorization tier.

Please note that since your facility was operating pursuant to Permit by Rule, you are responsible for complying with corrective action requirements established by Health and Safety Code Section 25200.14. Since a soil sample analysis indicating a concentration of 6.3 ug/kg of chloromethane was found in the course of closing the facility under the direction of the San Jose Fire Department, a referral will be made to the Department of Toxic Substances Control for corrective action requirements. Please forward your final closure report directly to Violeta Mislang with that agency. She can be contacted at (714) 484-5387.

If you have any questions regarding this letter, please contact this office at the letterhead address or phone number.

Sincerely,

Gordon McPhaill, R.E.H.S.
Hazardous Materials Program Manager
Hazardous Materials Compliance Division

Cc: Violeta Mislang, Department of Toxic Substances Control
Joelle Hurlston, Integrated Engineering Services

Board of Supervisors: Donald F. Gage, Blanca Alvarado, Pete McHugh, James T. Beall Jr., Liz Kniss
County Executive: Richard Wittenberg

Tahsin Annoor

From: Pierce, Mickey <Mickey.Pierce@cep.sccgov.org>
Sent: Tuesday, June 29, 2021 1:52 PM
To: Edwards, Irena@DTSC
Cc: Peebler, Diana@DTSC; Tahsin Annoor; julie.pettijohn@dtsc.ca.gov
Subject: RE: Tired Permit Closure, MAGEPOWER SEMICONDUCTOR at 2150 and/or 2250 Commerce Drive, San Jose

Thank you Irena, but this was referred to by the County to DTSC 20 years ago. If DTSC hasn't acted by now, I'm not going to re-initiate this action. If you or Julie would like the information feel free to initiate a Public Records request.

-Mickey Pierce
Sr. Hazardous Materials Specialist
Santa Clara Co., Hazardous Materials Compliance Division
408-918-1982
mickey.pierce@cep.sccgov.org
NORMAL WORK TIMES: M-Th 7-430, Fri 7-11

From: Edwards, Irena@DTSC <Irena.Edwards@dtsc.ca.gov>
Sent: Tuesday, June 29, 2021 1:44 PM
To: Pierce, Mickey <Mickey.Pierce@cep.sccgov.org>
Cc: Peebler, Diana@DTSC <Diana.Peebler@dtsc.ca.gov>; Tahsin Annoor <tannoor@ardentenv.com>; Pettijohn, Julie@DTSC <Julie.Pettijohn@dtsc.ca.gov>
Subject: [EXTERNAL] RE: Tired Permit Closure, MAGEPOWER SEMICONDUCTOR at 2150 and/or 2250 Commerce Drive, San Jose

Dear Mickey,

Thank you for copying DTSC on Tired Permit Closure Letter, MAGEPOWER SEMICONDUCTOR at 2150 and/or 2250 Commerce Drive, San Jose.
DTSC Berkley Cleanup Branch will oversee the corrective action at this site. MAGEPOWER SEMICONDUCTOR should contact Julie Pettijohn to set up a teleconference with her Branch staff.

Sincerely,
Irena Edwards
Environmental Scientist
Cypress Cleanup Branch

From: Pierce, Mickey <Mickey.Pierce@cep.sccgov.org>
Sent: Tuesday, June 29, 2021 1:30 PM
To: Tahsin Annoor <tannoor@ardentenv.com>
Cc: Peebler, Diana@DTSC <Diana.Peebler@dtsc.ca.gov>; Edwards, Irena@DTSC <Irena.Edwards@dtsc.ca.gov>
Subject: RE: Tired Permit Closure

EXTERNAL:

Good things come to those who wait…
We have 318 pages of scanned documents including the official closure letter noting referral to DTSC due to a hit of chloromethane found during closure sampling.
If you'd like to see the entire document, our PRA request link is here:
Open Public RecordsNextRequest - Modern FOIA & Public Records Request Software
I would make the request for MAGEPOWER SEMICONDUCTOR at 2150 and/or 2250 Commerce Drive, SJ. You may reference the fact that Mickey Pierce has documents if they are unable to find any.

BTW- We (the County) would consider this (MAGEPOWER) a closed permit, site and case as the attached letter notes.

-Mickey Pierce
Sr. Hazardous Materials Specialist
Santa Clara Co., Hazardous Materials Compliance Division
408-918-1982
mickey.pierce@cep.sccgov.org
NORMAL WORK TIMES: M-Th 7-430, Fri 7-11

From: Tahsin Annoor <tannoor@ardentenv.com>
Sent: Monday, June 28, 2021 11:55 AM
To: Pierce, Mickey <Mickey.Pierce@cep.sccgov.org>
Subject: [EXTERNAL] RE: Tired Permit Closure

Good Morning Mr. Pierce,

I wanted to reach out to you in regard to the inactive tiered permit for the site located on **2150 Commerce Drive, San Jose**.
It seems DTSC has no physical files for this site, and my PRA inquiries with the CUPA did not find any files associated with the permit or its apparent closure in 2001, as reported by EnviroStor.

Considering no files exist for this permit, what would my client need to do in order to close this inactive permit with the CUPA?

Thank you,
Tahsin Annoor
Staff Geologist

Ardent Environmental Group, Inc.
Phone: (951) 736-5334 | **Mobile:** (213) 249-3089
1827 Capital Street, Suite 103 | Corona, CA 92880
Web: www.ardentenv.com
Email: tannoor@ardentenv.com

From: Peebler, Diana@DTSC <Diana.Peebler@dtsc.ca.gov>
Sent: Friday, May 28, 2021 1:30 PM

To: Tahsin Annoor <tannoor@ardentenv.com>
Cc: Pierce, Mickey <Mickey.Pierce@cep.sccgov.org>
Subject: RE: Tired Permit Closure

Hello Tahsin,

The person at the CUPA is Mickey Pierce. I have included his email in the reply. We are also gathering more information regarding this site that DTSC has. We will be following up with you with that information shortly. I wanted to make sure to let you know that we received your request and are working on it.

Thanks,

Diana Peebler, REHS
Senior Environmental Scientist (Sup)
Enforcement and Emergency Response Division
Hazardous Waste Management Program
Department of Toxic Substances Control
www.dtsc.ca.gov
(510) 540-3866

From: Tahsin Annoor <tannoor@ardentenv.com>
Sent: Thursday, May 27, 2021 12:11 PM
To: Peebler, Diana@DTSC <Diana.Peebler@dtsc.ca.gov>
Subject: Tired Permit Closure

EXTERNAL:

Good Afternoon Diana,

I wanted to know some information regarding what was discussed with the Santa Clara County CUPA and I also wanted to get in touch with the person(s) you consulted with from the CUPA as well. From what I understand, the Santa Clara County Hazardous Material Compliance Division is the CUPA for the area, and I have been trying to reach them regarding the “closure report/letter” for some time but I have not gotten any good leads. Do you have a direct number or email for the person(s)?

Also, can you please clarify how the CUPA was consulted and what was discussed with them? Did they have any records from their side, or did they only provide potential options based on what was on EnviroStor?

Thank you,
Tahsin Annoor
Staff Geologist

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From: Pettijohn, Julie@DTSC <Julie.Pettijohn@dtsc.ca.gov>
Sent: Wednesday, May 26, 2021 4:49 PM
To: Tahsin Annoor <tannoor@ardentenv.com>
Cc: Peebler, Diana@DTSC <Diana.Peebler@dtsc.ca.gov>
Subject: FW: Inquiry from Site Mitigation

Hi,
The person I consulted was Diana Peebler. Her email address is listed above.

Thanks
Julie Pettijohn

From: Tahsin Annoor <tannoor@ardentenv.com>
Sent: Wednesday, May 26, 2021 11:49 AM
To: Pettijohn, Julie@DTSC <Julie.Pettijohn@dtsc.ca.gov>
Subject: RE: Inquiry from Site Mitigation

EXTERNAL:

Good Morning Julie,

Can you please provide me with the contacts from the Hazardous Waste Management that you have spoken to? I have been trying to get a hold of someone from the Santa Clara County CUPA, and I'm hoping the people you have consulted with can give me some information.

Thank you,
Tahsin Annoor
Staff Geologist

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Web: www.ardentenv.com
Email: tannoor@ardentenv.com

From: Pettijohn, Julie@DTSC <Julie.Pettijohn@dtsc.ca.gov>
Sent: Monday, May 24, 2021 1:06 PM
To: Tahsin Annoor <tannoor@ardentenv.com>
Subject: RE: Inquiry from Site Mitigation

Hi,
I have consulted with our Hazardous Waste Management folks,
This is what they have indicated (and have consulted with Santa Clara County CUPA accordingly)

(1) There is a file for this requested address AKA Excel Microelectronics in Berkley file room (on the Permitting side of our program; Site Mitigation folks are not able to 'see' this side of Envirostor so I wasn't aware of this file). Please submit a file review request to the Berkley file room. berkeleyfileroom@dtsc.ca.gov
(2) Based on the impact to the soil described in the Envirostor, a further investigation is needed in order to complete the closure and corrective action at the facility.
(3) If the facility completed further investigation under Santa Clara County CUPA oversight, they could send DTSC a clean closure certification, DTSC will enter it in the Envirostor to update the facility record.
(4) Otherwise, please contact me to enter into Corrective Action oversight agreement with DTSC (Site Mitigation side of our program).

Thanks
Julie Pettijohn
Site Mitigation and Restoration Program
510-516-5894

From: Tahsin Annoor <tannoor@ardentenv.com>
Sent: Wednesday, May 12, 2021 12:01 PM
To: Pettijohn, Julie@DTSC <Julie.Pettijohn@dtsc.ca.gov>
Subject: RE: Inquiry from Site Mitigation

EXTERNAL:

Good Afternoon Julie,

The Berkeley File room has issued a letter of no records for my inquiry, and I contacted various Santa Clara County departments to find the said closure letter. It seems no one has it on file. We have very limited information regarding this property.

At this point, I would like to know the following:

- How would I close this Tiered Permit?
  I have a client who is purchasing the site for redevelopment. What would need to get done to close this permit? Envirostor mentions "needs evaluation." Can you please clarify what needs to be evaluated? Overall, my client just wants to close the permit.

Thank you,
Tahsin Annoor
Staff Geologist

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Email: tannoor@ardentenv.com

From: Pettijohn, Julie@DTSC <Julie.Pettijohn@dtsc.ca.gov>
Sent: Thursday, April 29, 2021 11:29 AM
To: Tahsin Annoor <tannoor@ardentenv.com>
Subject: RE: Inquiry from Site Mitigation

Hi,
We do not have much recorded on this site beyond what is available for the public side of Envirostor
https://envirostor.dtsc.ca.gov/public/profile_report?global_id=71002693
I don't see any letters have been uploaded to Envirostor. I will place an inquiry for our file room to see if there is more information for me to review to be able to answer your questions below.
We have many inactive -tiered permitting sites but we are not actively working on many of them (they are in the system so that we don't lose track of them, especially at the time of facility closure or redevelopment).

Give me a couple of days. We don't often have a lot of staff in the file room due to the Covid pandemic. I need to reach out to our permitting folks as well.

Thanks
Julie Pettijohn

From: Tahsin Annoor <tannoor@ardentenv.com>
Sent: Thursday, April 29, 2021 8:49 AM
To: Pettijohn, Julie@DTSC <Julie.Pettijohn@dtsc.ca.gov>
Subject: Inquiry from Site Mitigation

EXTERNAL:

Dear Julie Pettijohn:

I wanted to request clarification on the "*INACTIVE – NEEDS EVALUATION AS OF*" status of the Tired Permit associated with the following address:
2150 Commerce Drive
San Jose, CA
An image of the EnviroStor file is attached for your convenience.

According to the EnviroStor note under Site History, a "*…. 2001 letter from Santa Clara County indicates treatment unit 'Closed'. Soil sample has 6.3 ug/kg Chloromethane, and final closure report should be sent to DTSC.*"

I would like to know what agency/department (if any) of the Santa Clara County issued the reported letter, and if DTSC has a copy of this letter?

Additionally, exactly from **whom** and what kind of closure report (i.e., a closure letter, official report, etc.) does the DTSC need in order to close the Tired Permit and reflect a "CLOSED" status for this property on EnviroStor? If possible, please clarify the precise steps needed to close this issue.

Do not hesitate to contact me at 213-249-3089 for further discussion or if you need additional information.

Thank you,

Tahsin Annoor
Staff Geologist

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