RO-55

ENVIRONMENTAL STRATEGIES CONSULTING LLC
2025 Gateway Place, Suite 280 ▪ San Jose, CA 95110 ▪ (408) 453-6100 ▪ Fax (408) 453-0496

January 26, 2005

Mr. Bob Schultz
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6577

Re: Request for "No Further Action" and Results of Groundwater Samples Collected at Former Clearprint Paper Company, 1482 67th Street, Emeryville, California

Dear Mr. Schultz:

As you know, we have had a number of discussions by telephone and a meeting with you regarding the referenced site in Emeryville, California. A report had been submitted to the Alameda County Department of Environmental Health (Department) dated December 14, 1995 requesting a "No Further Action" status for the site.

After no response from the Department for nearly nine years and as a result of our recent communication, we have taken a number of steps to update information and collect additional data at the former Clearprint Paper Company (Clearprint) site. As we have informed you, during the past several months, we collected additional groundwater data on three separate dates from two existing monitoring wells on the property. The supplemental data collection was conducted to identify the extent, if any, of possible residual contamination associated with possible releases from the former underground storage tanks (USTs) at the site and to determine whether upgradient sources of contamination have adversely affected environmental conditions at the former Clearprint site.

Based on the new groundwater data and the analysis presented below, Environmental Strategies Consulting LLC (Environmental Strategies), on behalf of its client, the former, respectfully requests that the former Clearprint site be given closure and a "No Further Action" status. Because the property is currently for sale and there is a prospective buyer; an immediate response as to the Department's position on this matter is urgently required to assist in the sale of the property.

Site Background

Four former underground storage tanks were located under the sidewalk between the south side of the former Clearprint building and 67th Street. Two of the tanks (one 8,000-gallon and one 1,000-gallon) were constructed of steel and were installed in approximately 1950-1951 and the other two tanks (one 10,000-gallon steel and one 10,000-gallon fiberglass) were installed in approximately 1978-1979. The tanks contained petroleum-based solvents and mineral oil that were used to produce transparent paper products. The petroleum-based solvents, which may have contained very low percentages of benzene, toluene, and xylene, were used until August 1990. No solvents containing ethylbenzene were ever used at the facility and xylene was a constituent of solvents used until 1984. There are no records to indicate that any chlorinated solvents (i.e., tetrachloroethene or trichloroethene) were ever used at the facility, Additionally, Environmental Strategies interviewed several former employees and none of the former employees interviewed recalled any use of chlorinated solvents.

As required by the Department, three monitoring wells (MW-1, MW-2, and MW-3) were installed at the site in 1995. Monitoring well MW-1 was installed ten feet downgradient of the former underground storage tank, based on the assumed direction of groundwater flow. Monitoring wells MW-2 and MW-3 were placed upgradient from the area of the former USTs to check for upgradient sources of contamination. Monitoring well MW-2 was installed in the parking lot east of the former Clearprint building and monitoring well MW-3 was installed in the 67th Street right-of-way (Figure 2).

Groundwater Sampling

On September 28, 2004 and November 18, 2004, Environmental Strategies collected groundwater samples from monitoring wells MW-1 and MW-2. Environmental Strategies was unable to locate monitoring well MW-3 previously located in the 67th Street right-of-way. The street has been re-paved since the monitoring well was installed in 1995 and it appears that the MW-3 well may have been destroyed. No physical or documented evidence identifying the exact well location is available. On December 5, 2004, Environmental Strategies collected a groundwater sample from MW-2.

During each of the three sampling events sampling, depth to groundwater measurements were taken using an electronic sounding device calibrated against a steel engineers'-scale tape to 0.01 foot. Measuring points on the monitoring wells are indicated by a mark on each surveyed well. This information was used to determine the groundwater elevations at the site.

Before collecting groundwater samples from the monitoring wells, a minimum of three casing volumes of groundwater was removed from each well with a polyvinyl chloride

bailer. During the purging of the wells, groundwater parameters (i.e., temperature, pH, and conductivity) were monitored for stabilization. The relative stability of these parameters indicates that representative groundwater from the aquifer has been obtained. These measurements, along with the depth to groundwater and purge volume information, were recorded on Environmental Strategies' water sampling forms. If less than three well volumes were removed due to insufficient recharge, the wells were sampled once depth to groundwater has recovered approximately 80 percent of initial depth to groundwater. Monitoring well MW-1 was purged to dryness and allowed to recover before samples were collected.

Once well purging activities were completed, Environmental Strategies collected groundwater samples using a new disposable bailer and nylon string for each well. The groundwater was decanted from the disposable bailer into laboratory supplied volatile organic analysis (VOA) vials equipped with Teflon™ septa and glass amber bottles. To avoid volatilization from the groundwater samples, no headspace was allowed within the VOA vials. After sample collection, the samples were placed on ice in a cooler. The samples were handled following proper chain-of-custody procedures and were sent via overnight courier to Centrum Analytical Laboratories, Inc., in Riverside, California.

The groundwater samples from September 28, 2004 were analyzed for total petroleum hydrocarbons quantified as gasoline and diesel and mineral oil (TPHg, TPHd, and mineral oil, respectively) by Environmental Protection Agency (EPA) method 8015, and benzene, toluene, ethylbenzene, and xylene (BTEX) using EPA method 8021. For the samples collected on November 18, 2004 and per your suggestion, the samples were analyzed by EPA Method 8015 (carbon chain range) and EPA Method 8260 (including fuel oxygenates) for volatile organic compounds (VOCs). The sample from MW-2 collected on December 5, 2004 was analyzed for volatile organic compounds (VOCs) by EPA Method 8260 (including fuel oxygenates).

Analytical Results

Analytical results from groundwater samples collected from MW-1 and MW-2 on September 28, 2004 indicated that TPHg, TPHd, mineral oil, and BTEX were not detected in monitoring well MW-2. Benzene and ethylbenzene were detected in MW-1 at concentrations of 0.002 mg/land 0.004 mg/l, respectively. These levels are well below the Environmental Screening Levels (ESLs) established by the San Francisco Bay Regional Water Quality Control Board (Interim Final, July 2003), Table B, where groundwater is not a current or potential source of drinking water. All analytical results are included as an attachment.

Analytical results from groundwater samples collected from MW-1 and MW-2 on November 18, 2004 indicated that no petroleum hydrocarbons or BTEX compounds were

detected in MW-1 and MW-2. Trichloroethene (TCE) and cis-1,2-Dichloroethene (cis-1,2-DCE) were detected in MW-2 only at 0.047 mg/l and 0.0009 mg/l, respectively. These concentrations are at least an order of magnitude below the appropriate ESLs for TCE and cis-1,2-DCE of 0.360 mg/l and 0.590 mg/l, respectively .

Analytical results from the groundwater sample from MW-2 on December 5, 2004 indicated that TCE and cis-1,2-DCE were detected in MW-2 at 0.068 mg/l and 0.0014 mg/l, respectively. Again, these concentrations are well below the appropriate ESLs

Conclusions

Based on the absence of petroleum hydrocarbons and BTEX compounds in the November 18, 2004 results from monitoring wells MW-1 and MW-2, and the low concentrations of TCE and cis-1,2-DCE in the November 18 and December 5, 2004 results from monitoring well MW-2, Environmental Strategies does not recommend additional groundwater sampling at the Clearprint facility. The presence of TCE and cis-1,2-DCE in MW-2 is not due to Clearprint's operations and does not require further monitoring or activity based on the following:

- Based on available documents and interviews with former employees, there is no evidence that the former Clearprint operations used chlorinated solvents.
- MW-2 is located within the parking lot east of the former Clearprint building, upgradient of both the former underground tanks and Clearprint's former operations that occurred within the building.
- Because the concentrations of TCE and the very low concentrations of cis-1,2-DCE found in MW-2 indicate that there has been very little degradation of the TCE, the presence of TCE is likely to have resulted from a fairly recent event. No other degradation products from TCE were detected and cis-1,2-DCE was detected at 1.4 parts per billion (ppb) or less. Even if one were to suspect the use of chlorinated solvents at the former Clearprint operations (as noted, there is no evidence to suggest such use), it is documented that Clearprint ceased use of any and all solvents in 1990. A review of groundwater data collected on November 23, 2004 from the Nady Systems Inc. site located on 65th Street two blocks south (and cross-gradient) of the former Clearprint property reveals the presence of tetrachloroethene (PCE) (up to 38 ppb), TCE (up to 11 ppb), cis-1,2-DCE (up to 51 ppb), and vinyl chloride (up to 9.5 ppb). The presence of these degradation products indicates that conditions within the saturated zone in the area readily produce degradation of chlorinated hydrocarbons.
- As noted above, the appropriate ESLs for TCE and cis-1,2-DCE are 0.360 mg/l and 0.590 mg/l. The highest levels of TCE and cis-1,2-DCE found in MW-2 (0.068 mg/l and 0.0014 mg/l, respectively) are well below these ESLs.

Because time is of the essence due to the impending sale of the property, we request that you review the existing file and this letter and provide a "No Further Action" response for the former Clearprint site.

If you have any questions or require additional information, please do not hesitate to contact myself or Betsy Mitton at 408-453-6100.

Sincerely yours,

Richard Freudenberger

Richard Freudenberger
Partner

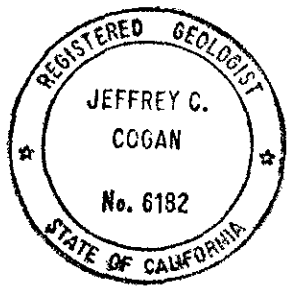
Enclosures

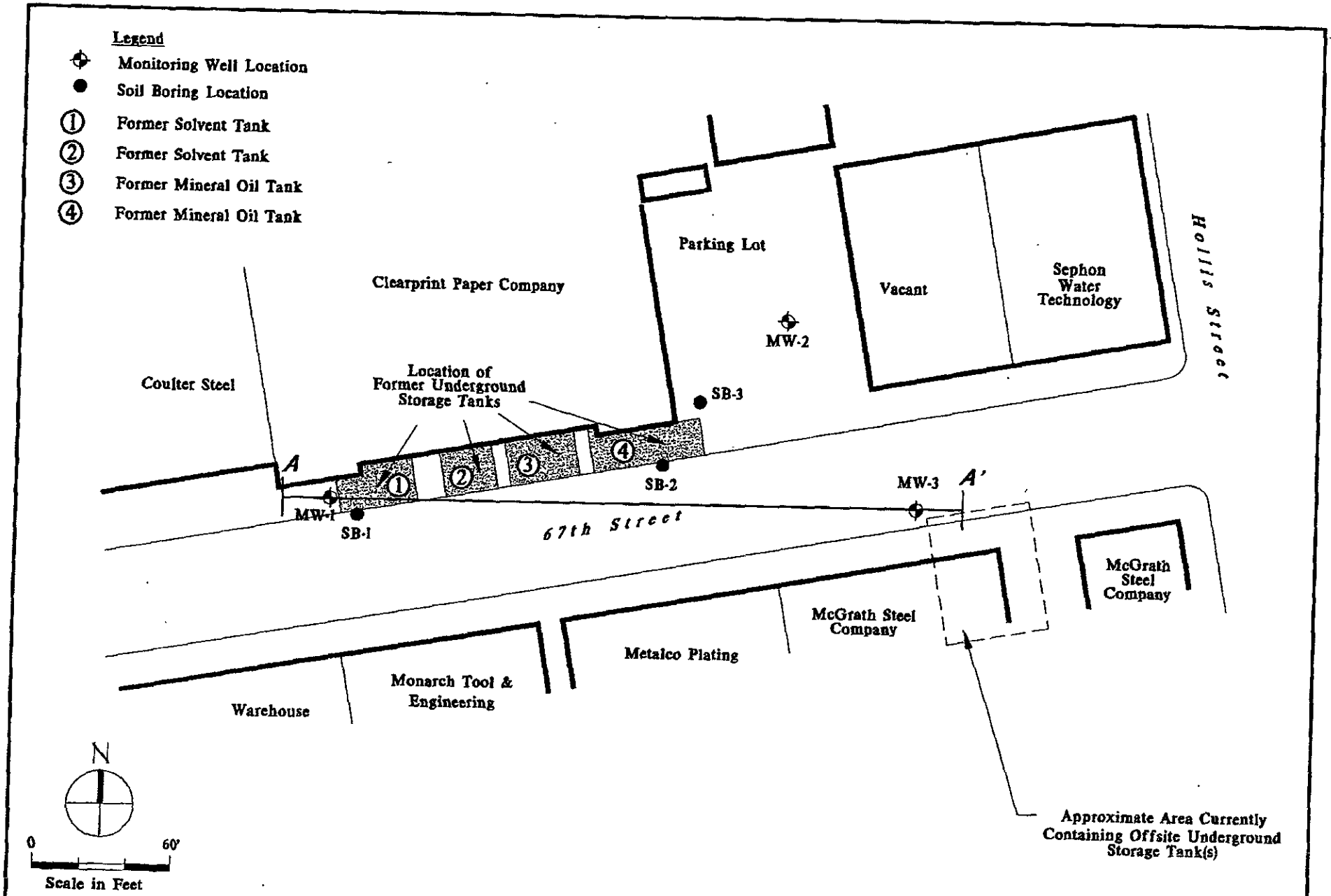
Cc: Gail S. Port, Esquire, Proskauer LLP

Certification

I certify under penalty of law that this document, Letter Re: Request for "No Further Action" and Results of Groundwater Samples Collected at Former Clearprint Paper Company, 1482 67th Street, Emeryville, California, dated January 26, 2005, and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the facility, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

Jeff Cogan, R.G.
Title: Technical Manager
Environmental Strategies Consulting LLC





ENVIRONMENTAL STRATEGIES CORPORATION
101 Metro Drive Suite 650
San Jose, California 95110
408-453-6100

Figure 2
Site Layout - Soil Boring and Groundwater Monitoring Well Locations
Clearprint Paper Company
Emeryville, California

CLEAR001.DWG

Centrum Analytical Laboratories, Inc.
CERTIFIED HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: Environmental Strategies
2025 Gateway Place, Ste. 280
San Jose, CA 95110

Date Sampled: 09/28/04
Date Received: 09/28/04
Job Number: 25119

Project: Clearprint 1482 67th St., Emeryville

CASE NARRATIVE

The following information applies to samples which were received on 09/28/04 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 10/04/04.

Report approved by:

Tom Wilson
Laboratory Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

Centrum Analytical Laboratories, Inc.

Fuel Screen by GC/FID

Client:	Environmental Strategies	Date Sampled:	09/28/04
Project:	Clearprint 1482 67th St., Emeryville	Date Received:	09/28/04
Job No.:	25119	Date Extracted:	09/29/04
Matrix:	Water	Date Analyzed:	09/29/04
Analyst:	JB	Batch Number:	8015DW3292

Fuel Identified:	Diesel	Mineral Oil	Extractable Hydrocarbons	Reporting Limits
Units:	mg/L	mg/L	mg/L	mg/L
Method Blank	ND	ND	ND	0.40
MW-1	ND	ND	ND	0.40
MW-2	ND	ND	ND	0.40

Centrum Analytical Laboratories, Inc.

QC Sample Report - Fuel Screen by GC/FID

Matrix: Water
Batch number: 8015DW3292

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Diesel	3.2	**95**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Diesel	3.03	3.07	**1%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate
LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

Centrum Analytical Laboratories, Inc.

Volatile Hydrocarbons as Gasoline by mod. EPA 8015B

Client:	Environmental Strategies	Date Sampled:	09/28/04
Project:	Clearprint 1482 67th St., Emeryville	Date Received:	09/28/04
Job No.:	25119	Date Analyzed.	09/29/04
Matrix:	Water	Batch Number:	SH2GASW204
Analyst:	RV		

	Reporting Limit	Volatile Hydrocarbons as Gasoline
Sample ID	mg/L	mg/L
Method Blank	0.50	ND
MW-1	0.50	ND
MW-2	0.50	ND

Centrum Analytical Laboratories, Inc.

QC Sample Report - Volatile Hydrocarbons as Gasoline by mod. EPA 8015B

Matrix: Water
Batch Number: SH2GASW204

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Gasoline	5.0	89	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: MW-2

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Gasoline	4.20	3.97	6%	25%	Pass

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate
LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

Centrum Analytical Laboratories, Inc.

BTEX by EPA 8021B

Client:	Environmental Strategies	Date Sampled:	09/28/04
Project:	Clearprint 1482 67th St., Emeryville	Date Received:	09/28/04
Job No.:	25119	Date Analyzed:	09/29/04
Matrix:	Water	Batch Number:	SH28021W204
Analyst:	RV		

	Benzene	Toluene	Ethyl Benzene	Total Xylenes	Surrogate (BFB)
Reporting Limit:	0.001	0.001	0.001	0.003	Limit: >50%
Sample ID	mg/L	mg/L	mg/L	mg/L	
Method Blank	ND	ND	ND	ND	109 %
MW-1	0.002	ND	0.004	ND	115 %
MW-2	ND	ND	ND	ND	108 %

Centrum Analytical Laboratories, Inc.

QC Sample Report - BTEX by EPA 8021B

Matrix: Water
Batch Number: SH28021W204

Batch Accuracy Results

Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	% Recovery	% Recovery Acceptance Limits	Pass/Fail
Benzene	0.020	96	70 - 130	Pass
Toluene	0.020	96	70 - 130	Pass
Ethylbenzene	0.020	98	70 - 130	Pass
m,p-Xylenes	0.040	88	70 - 130	Pass
o-Xylene	0.020	76	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (µg/L)	MSD Sample Result (µg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Benzene	19.25	20.78	8%	25%	Pass
Toluene	19.11	20.32	6%	25%	Pass
Ethylbenzene	19.67	21.29	8%	25%	Pass
m,p-Xylenes	35.38	37.79	7%	25%	Pass
o-Xylene	15.10	16.50	9%	25%	Pass

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate
LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

Project Number:	Site and Location: Clearprint 1482 67th St. Emeryville
Sampler's Name(s): Betsy Mutton	
Sampler's Signature(s): Betsy Mutton	

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

No. 035223

25119

	Sample Identification:	Date	Time	Matrix	Number of Containers	TPH-g + EPA 8015	Mineral Oil	BTEX - EPA 8021	Remarks
1	MW-1	9/28/04	1255	Aq	4	X	X	X	
2	MW-2	9/28/04	1315	Aq	4	X	X	X	Please fax results as soon as available. Thx

Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Name:
Betsy Mutton	9/28/04 1621		Centrum Analytical
Relinquished by (Signature):	Date / Time	Received by (Signature):	Laboratory Location: Riverside, CA
			Custody Seal Numbers:
Turn-Around Time: Standard		Tracking Number:	Method of Shipment: Fed Ex

9/29/04 800am

San Jose, CA
408-453-6400
408-453-1494 fax

ENVIRONMENTAL STRATEGIES CONSULTING LLC
A QUANTA TECHNICAL SERVICES COMPANY

☐ Reston Office: 11911 Freedom Dr, # 900, Reston, VA 20190
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☐ Denver Office: 4600 South Ulster, # 930, Denver, CO 80237
Tel: (303) 850-9200, Fax: (303) 850-9214

☐ Minneapolis Office: 123 North 3rd St, #706, Minneapolis, MN 55401
Tel: (612) 343-0510, Fax: (612) 343-0506

Centrum Analytical Laboratories, Inc.
CERTIFIED HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: Environmental Strategies
2025 Gateway Place, Ste. 280
San Jose, CA 95110

Date Sampled: 11/18/04
Date Received: 11/19/04
Job Number: 25378

Project: Clearprint, 1482 67th St., Emeryville

CASE NARRATIVE

The following information applies to samples which were received on 11/19/04 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 11/29/04.

Report approved by:

Tom Wilson
Laboratory Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

Centrum
Analytical
Laboratories, Inc.

C6 to C40 Hydrocarbons by GCMS and GC/FID

Client:	Environmental Strategies	Date Sampled:	11/18/04
Project:	Clearprint, 1482 67th St., Emeryville	Date Received:	11/19/04
Job No.:	25378	Batch Number:	SH1TPHGW179
Matrix:	Water		8015DW3336
Analyst:	RCG / TPW		

Carbon Chain Length:	C6-C12	C12-C22	C22-C40
Reporting Limits:	0.50	0 40	0.40
Units:	mg/L	mg/L	mg/L
Method Blank	ND	ND	ND
MW-1	ND	ND	ND
MW-2	ND	ND*	ND*
Method:	GCMS	GC/FID	GC/FID
Date Extracted:	N/A	11/22/04	11/22/04
Date Analyzed:	11/22/04	11/22-23/04	11/22-23/04

*The reporting limit for this sample was raised to 0.47mg/Kg.

Centrum Analytical Laboratories, Inc.

QC Sample Report - Volatile Hydrocarbons as Gasoline by GCMS

Matrix: Water
Batch Number: SH1TPHGW179

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Gasoline	2.0	**81**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Gasoline	1.62	1.57	**3%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate
LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

Centrum
Analytical
Laboratories, Inc.

QC Sample Report - Extractable Hydrocarbons as Diesel by GC/FID

Matrix: Water
Batch number: 8015DW3336

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (mg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
Diesel	3.2	75	70 - 130	Pass

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (mg/L)	MSD Sample Result (mg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
Diesel	2.39	2.39	0%	25%	Pass

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate
LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

Centrum Analytical Laboratories, Inc.

Volatile Organic Compounds by EPA 8260B

Client:	Environmental Strategies	Date Sampled:	11/18/04
Project:	Clearprint, 1482 67th St., Emeryvi	Date Received:	11/19/04
Job No.:	25378	Date Analyzed:	11/22/04
Matrix:	Water	Batch Number:	SH18260W179
Analyst:	RCG		

Sample ID:		Blank	MW-1	MW-2
Compounds	**RL**	µg/L	µg/L	µg/L
Acetone	50	ND	ND	ND
tert-Amyl Methyl Ether (TAME)	5.0	ND	ND	ND
Benzene	0.5	ND	ND	ND
Bromobenzene	1.0	ND	ND	ND
Bromochloromethane	1.0	ND	ND	ND
Bromodichloromethane	0.5	ND	ND	ND
Bromoform	0.5	ND	ND	ND
Bromomethane	2.0	ND	ND	ND
tert-Butanol (TBA)	10	ND	ND	ND
2-Butanone (MEK)	10	ND	ND	ND
n-Butylbenzene	1.0	ND	ND	ND
sec-Butylbenzene	0.5	ND	ND	ND
tert-Butylbenzene	0.5	ND	ND	ND
Carbon disulfide	10	ND	ND	ND
Carbon tetrachloride	0.5	ND	ND	ND
Chlorobenzene	0.5	ND	ND	ND
Chloroethane	0.5	ND	ND	ND
Chloroform	0.5	ND	ND	ND
Chloromethane	2.0	ND	ND	ND
2-Chlorotoluene	0.5	ND	ND	ND
4-Chlorotoluene	0.5	ND	ND	ND
Dibromochloromethane	0.5	ND	ND	ND
1,2-Dibromoethane	0.5	ND	ND	ND
1,2-Dibromo-3-chloropropane	10	ND	ND	ND
Dibromomethane	0.5	ND	ND	ND
1,2-Dichlorobenzene	0.5	ND	ND	ND
1,3-Dichlorobenzene	0.5	ND	ND	ND
1,4-Dichlorobenzene	0.5	ND	ND	ND
Dichlorodifluoromethane	0.5	ND	ND	ND
1,1-Dichloroethane	0.5	ND	ND	ND
1,2-Dichloroethane	0.5	ND	ND	ND
1,1-Dichloroethene	0.5	ND	ND	ND
cis-1,2-Dichloroethene	0.5	ND	ND	**0.9**
trans-1,2-Dichloroethene	0.5	ND	ND	ND
1,2-Dichloropropane	0.5	ND	ND	ND
1,3-Dichloropropane	0.5	ND	ND	ND
2,2-Dichloropropane	0.5	ND	ND	ND
1,1-Dichloropropene	0.5	ND	ND	ND

Centrum Analytical Laboratories, Inc.

Volatile Organic Compounds by EPA 8260B

Client:	Environmental Strategies	Date Sampled:	11/18/04
Project:	Clearprint, 1482 67th St., Emeryvi	Date Received:	11/19/04
Job No.:	25378	Date Analyzed:	11/22/04
Matrix:	Water	Batch Number:	SH18260W179
Analyst:	RCG		

Sample ID:		Blank	MW-1	MW-2
Compounds	RL	µg/L	µg/L	µg/L
cis-1,3-Dichloropropene	0.5	ND	ND	ND
trans-1,3-Dichloropropene	0.5	ND	ND	ND
Diisopropyl Ether (DIPE)	5.0	ND	ND	ND
Ethylbenzene	0.5	ND	ND	ND
Ethyl tert-Butyl Ether (EtBE)	5.0	ND	ND	ND
Hexachlorobutadiene	0.5	ND	ND	ND
2-Hexanone	10	ND	ND	ND
Isopropylbenzene	0.5	ND	ND	ND
p-Isopropyltoluene	0.5	ND	ND	ND
Methylene chloride	50	ND	ND	ND
4-Methyl-2-pentanone	5.0	ND	ND	ND
Methyl-tert-butyl ether (MtBE)	1.0	ND	ND	ND
Naphthalene	0.5	ND	ND	ND
n-Propylbenzene	0.5	ND	ND	ND
Styrene	0.5	ND	ND	ND
1,1,1,2-Tetrachloroethane	0.5	ND	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND	ND
Tetrachloroethene	0.5	ND	ND	ND
Toluene	0.5	ND	ND	ND
1,2,3-Trichlorobenzene	0.5	ND	ND	ND
1,2,4-Trichlorobenzene	0.5	ND	ND	ND
1,1,1-Trichloroethane	0.5	ND	ND	ND
1,1,2-Trichloroethane	0.5	ND	ND	ND
Trichloroethene	0.5	ND	ND	47
1,2,3-Trichloropropane	0.5	ND	ND	ND
Trichlorofluoromethane	0.5	ND	ND	ND
Trichlorotrifluoroethane	5.0	ND	ND	ND
1,2,4-Trimethylbenzene	0.5	ND	ND	ND
1,3,5-Trimethylbenzene	0.5	ND	ND	ND
Vinyl chloride	0.5	ND	ND	ND
Xylenes, m-,p-	1.0	ND	ND	ND
Xylene, o-	0.5	ND	ND	ND

Surrogates in % Recovery (Acceptance Limits: 70 - 130%)

Sample ID:	Blank	MW-1	MW-2
Dibromofluoromethane	79	85	88
Toluene-d8	99	100	103
Bromofluorobenzene	102	101	101

Centrum
Analytical
Laboratories, Inc.

QC Sample Report - Volatile Organic Compounds by EPA 8260B

Matrix: Water
Batch Number: SH18260W179

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (µg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
1,1-Dichloroethene	50	**100**	70 - 130	**Pass**
Benzene	50	**97**	70 - 130	**Pass**
Trichloroethene	50	**105**	70 - 130	**Pass**
Toluene	50	**98**	70 - 130	**Pass**
Chlorobenzene	50	**97**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: 25385-1

Compound	MS Sample Result (µg/L)	MSD Sample Result (µg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
1,1-Dichloroethene	51.48	50.51	**2%**	25%	**Pass**
Benzene	48.29	48.31	**0%**	25%	**Pass**
Trichloroethene	53.12	52.97	**0%**	25%	**Pass**
Toluene	48.74	48.59	**0%**	25%	**Pass**
Chlorobenzene	48.23	48.72	**1%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate
LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

Project Number:	Site and Location: Clearprint 1482 67th St, Emeryville	Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other	No. 035228 CENTRUM: 25378
	Sampler's Name(s): Betsy Mitton, Sharon Harichandran		
	Sampler's Signature(s): Betsy Mitton, Sharon Harichandran		

	Sample Identification:	Date	Time	Matrix	Number of Containers	Requested Analyses: VOCs - 8260	TPH - 8015	Full Carbon Chain (silica gel)							Remarks
1	MW-1	11/18/04	1145	Aq	4	X	X	X	X						
2	MW-2	11/18/04	1100	Aq	4	X	X	X	X						

Relinquished by (Signature): Betsy Mitton	11/18 Date / 1200 Time	Received by (Signature):	Laboratory Name: Centrum Analytical
Relinquished by (Signature):	11/19 Date / 930 Time	Received by (Signature): Jen DeQueen	Laboratory Location: Riverside
Turn-Around Time: Std		Tracking Number:	Custody Seal Numbers:
			Method of Shipment: Fed EX

San Jose office chilled & intact 7°C (NA/VOA)

ENVIRONMENTAL STRATEGIES CONSULTING LLC
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Centrum Analytical Laboratories, Inc.
CERTIFIED HAZARDOUS WASTE TESTING MOBILE & IN HOUSE LABORATORIES

Client: Environmental Strategies
2025 Gateway Place, Ste. 280
San Jose, CA 95110

Date Sampled: 12/03/04
Date Received: 12/06/04
Job Number: 25463

Project: Clearprint - Emeryville, CA

CASE NARRATIVE

The following information applies to samples which were received on 12/06/04 :

The samples were received at the laboratory chilled and sample containers were intact.

Unless otherwise noted below, the Quality Control acceptance criteria were met for all samples for every analysis requested. The date of issue for this report is 12/10/4.

Report approved by:

Tom Wilson
Laboratory Director

ELAP Lab# 2419, 2479, 2527, 2373, 2562

RL: Reporting Limit -- The lowest level at which the compound can be reliably detected under normal laboratory conditions.
ND: Not Detected -- The compound was analyzed for, but was not found to be present at or above the Reporting Limit.
NA: Not Analyzed -- This compound was not on the list of compounds requested for analysis.

Centrum Analytical Laboratories, Inc.

Volatile Organic Compounds by EPA 8260B

Client:	Environmental Strategies	Date Sampled:	12/03/04
Project:	Clearprint - Emeryville, CA	Date Received:	12/06/04
Job No.:	25463	Date Analyzed:	12/06/04
Matrix:	Water	Batch Number:	MS48260W3370
Analyst:	CP		

	Sample ID:	Blank	MW-2
Compounds	**RL**	µg/L	µg/L
Acetone	50	ND	ND
tert-Amyl Methyl Ether (TAME)	5.0	ND	ND
Benzene	0.5	ND	ND
Bromobenzene	1.0	ND	ND
Bromochloromethane	1.0	ND	ND
Bromodichloromethane	0.5	ND	ND
Bromoform	0.5	ND	ND
Bromomethane	2.0	ND	ND
tert-Butanol (TBA)	10	ND	ND
2-Butanone (MEK)	10	ND	ND
n-Butylbenzene	1.0	ND	ND
sec-Butylbenzene	0.5	ND	ND
tert-Butylbenzene	0.5	ND	ND
Carbon disulfide	10	ND	ND
Carbon tetrachloride	0.5	ND	ND
Chlorobenzene	0.5	ND	ND
Chloroethane	0.5	ND	ND
Chloroform	0.5	ND	ND
Chloromethane	2.0	ND	ND
2-Chlorotoluene	0.5	ND	ND
4-Chlorotoluene	0.5	ND	ND
Dibromochloromethane	0.5	ND	ND
1,2-Dibromoethane	0.5	ND	ND
1,2-Dibromo-3-chloropropane	10	ND	ND
Dibromomethane	0.5	ND	ND
1,2-Dichlorobenzene	0.5	ND	ND
1,3-Dichlorobenzene	0.5	ND	ND
1,4-Dichlorobenzene	0.5	ND	ND
Dichlorodifluoromethane	0.5	ND	ND
1,1-Dichloroethane	0.5	ND	ND
1,2-Dichloroethane	0.5	ND	ND
1,1-Dichloroethene	0.5	ND	ND
cis-1,2-Dichloroethene	0.5	ND	**1.4**
trans-1,2-Dichloroethene	0.5	ND	ND
1,2-Dichloropropane	0.5	ND	ND
1,3-Dichloropropane	0.5	ND	ND
2,2-Dichloropropane	0.5	ND	ND
1,1-Dichloropropene	0.5	ND	ND

Centrum Analytical Laboratories, Inc.

Volatile Organic Compounds by EPA 8260B

Client:	Environmental Strategies	Date Sampled:	12/03/04
Project:	Clearprint - Emeryville, CA	Date Received:	12/06/04
Job No.:	25463	Date Analyzed:	12/06/04
Matrix:	Water	Batch Number:	MS48260W3370
Analyst:	CP		

	Sample ID:	Blank	MW-2
Compounds	**RL**	µg/L	µg/L
cis-1,3-Dichloropropene	0.5	ND	ND
trans-1,3-Dichloropropene	0.5	ND	ND
Diisopropyl Ether (DIPE)	5.0	ND	ND
Ethylbenzene	0.5	ND	ND
Ethyl tert-Butyl Ether (EtBE)	5.0	ND	ND
Hexachlorobutadiene	0.5	ND	ND
2-Hexanone	10	ND	ND
Isopropylbenzene	0.5	ND	ND
p-Isopropyltoluene	0.5	ND	ND
Methylene chloride	50	ND	ND
4-Methyl-2-pentanone	5.0	ND	ND
Methyl-tert-butyl ether (MtBE)	1.0	ND	ND
Naphthalene	0.5	ND	ND
n-Propylbenzene	0.5	ND	ND
Styrene	0.5	ND	ND
1,1,1,2-Tetrachloroethane	0.5	ND	ND
1,1,2,2-Tetrachloroethane	1.0	ND	ND
Tetrachloroethene	0.5	ND	ND
Toluene	0.5	ND	ND
1,2,3-Trichlorobenzene	0.5	ND	ND
1,2,4-Trichlorobenzene	0.5	ND	ND
1,1,1-Trichloroethane	0.5	ND	ND
1,1,2-Trichloroethane	0.5	ND	ND
Trichloroethene	0.5	ND	68
1,2,3-Trichloropropane	0.5	ND	ND
Trichlorofluoromethane	0.5	ND	ND
Trichlorotrifluoroethane	5.0	ND	ND
1,2,4-Trimethylbenzene	0.5	ND	ND
1,3,5-Trimethylbenzene	0.5	ND	ND
Vinyl chloride	0.5	ND	ND
Xylenes, m-,p-	1.0	ND	ND
Xylene, o-	0.5	ND	ND

Surrogates in % Recovery (Acceptance Limits: 70 - 130%)

Sample ID:	Blank	MW-2
Dibromofluoromethane	101	103
Toluene-d8	102	102
Bromofluorobenzene	99	100

Centrum Analytical Laboratories, Inc.

QC Sample Report - Volatile Organic Compounds by EPA 8260B

Matrix: Water
Batch Number: MS48260W3370

Batch Accuracy Results

Spike Sample ID: Laboratory Control Sample

Compound	Spike Concentration (µg/L)	Spike Sample % Recovery	% Recovery Acceptance Limits	Pass/Fail
1,1-Dichloroethene	50	**95**	70 - 130	**Pass**
Benzene	50	**95**	70 - 130	**Pass**
Trichloroethene	50	**96**	70 - 130	**Pass**
Toluene	50	**96**	70 - 130	**Pass**
Chlorobenzene	50	**95**	70 - 130	**Pass**

Analytical Notes:

Batch Precision Results

MS/MSD Sample ID: Laboratory Control Sample

Compound	MS Sample Result (µg/L)	MSD Sample Result (µg/L)	Relative Percent Difference (RPD)	RPD Acceptance Limit	Pass/Fail
1,1-Dichloroethene	47.30	44.34	**6%**	25%	**Pass**
Benzene	47.41	45.25	**5%**	25%	**Pass**
Trichloroethene	47.96	46.81	**2%**	25%	**Pass**
Toluene	48.07	45.56	**5%**	25%	**Pass**
Chlorobenzene	47.35	45.16	**5%**	25%	**Pass**

Analytical Notes:

MS: Matrix Spike
MSD: Matrix Spike Duplicate
LCS: Laboratory Control Sample
LCSD: Laboratory Control Sample Duplicate

Project Number:	Site and Location:
218303-1	Clearprint, Emeryville, CA

Sampler's Name(s): Sharan Harichandran

Sampler's Signature(s): Sharan Harichandran

Matrices: S = Soil; Aq = Water; A = Air; Bu = Bulk; W = Wipe; Bi = Biota; OW = Oily Waste; O = Other

Requested Analyses

No. 035229

CENTRUM: 254163

Sample Identification:	Date	Time	Matrix	Number of Containers	VOCs 8260	Remarks
MW-2	12/3/04	1110	Aq	3	X	standard TAT

Relinquished by (Signature): Sharan Harichandran	12/3/04 Date | 1330 Time	Received by (Signature):	Laboratory Name: Centrum Analytical
Relinquished by (Signature): FEDEX	12/6 Date | 800 Time	Received by (Signature):	Laboratory Location: Riverside, CA
			Custody Seal Numbers: NA
Turn-Around Time: Std		Tracking Number: 8431 6135 2689	Method of Shipment: FedEx

chilled + intact 2°C (VOA)

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