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Alameda County
Environmental Health

**Environmental
Resources
Management**

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17 March 2009

Mr. Robert Weston
Alameda County Health Agency
Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502



Subject: UST Closure Report
Former Dublin Square Shopping Center
11759 Dublin Boulevard
Dublin, California 94568

Dear Mr. Weston:

On behalf of the City of Dublin (City), ERM-West, Inc. (ERM) is pleased to present this closure report to the Alameda County Health Agency (County) for removal of underground storage tanks (USTs) from the Former Dublin Square Shopping Center, 11759 Dublin Boulevard in Dublin, California (site; Figure 1). ERM was contracted by the City to oversee UST removal activities at the site. The oversight activities included the following:

- Assisting in the preparation of a County Underground Storage Tank Closure Plan;
- Preparing a site-specific Health and Safety Plan;
- Sampling the contents of the USTs;
- Observing and documenting the UST removal activities;
- Collecting soil samples beneath the removed USTs;
- Collecting samples from the stockpile of excavated soil; and
- Assisting in profiling of the soil stockpile for disposal.



BACKGROUND

Historically, the site was part of the old Dublin town center. According to City records, historical photographs show a gasoline service station at the location where the USTs were discovered. Until January 2008, the property operated as the Dublin Square Shopping Center. The City is currently in the process of converting the site into a city park. During construction activities associated with this project, three unregistered USTs and one concrete vault were discovered.

The USTs were named in the order in which they were found. Tank 2 is the furthest to the north, Tank 1 is in the middle, and Tank 3 is the southernmost tank (Figure 2). The concrete vault is just south of Tank 3. Tanks 1 and 2 were discovered on 11 November 2008, and Tank 3 and the concrete vault were discovered on 9 December 2008.

Description of Tanks

The three USTs were oriented parallel to each other, approximately 4 feet apart, as shown in Figure 2. The concrete vault was located on the southern end of the three USTs. Tank 3, the UST closest to the concrete vault, was partially encased in concrete. The western side of Tank 2 was accidentally damaged when it was first discovered by the construction subcontractor during site construction activities (see Photograph 1, Appendix A).

The three USTs were single-walled steel tanks. The measured dimensions and approximate volumes of the tanks are provided in Table 1.

Table 1 - Tank Dimensions

Tank ID	Length (feet-inches)	Diameter (feet-inches)	Approximate Volume (gallons)
Tank 1	7'-7"	3'-6"	550
Tank 2	11'-8"	3'-8"	920
Tank 3	7'-4"	3'-4"	480
Concrete Vault	4'-3" x 7'-8"	5.0' (depth)	1,220

Several pipe connection fittings or holes were observed on the tops of the tanks, as shown in Figure 2. These included the following:

- One, 2-inch fitting and two, 1.5-inch fittings were observed on the eastern portion of Tank 2. No piping was observed to be connected to these fittings at the time of discovery.
- Two, 2-inch fittings were observed on opposite ends of Tank 1, with approximately 1 foot of piping attached to the western fitting. No cap was observed on the piping.
- A 2-inch fitting with approximately 1 foot of piping was observed on the eastern portion of Tank 3. Additionally, two, 1.5-inch holes were observed just east of the 2-inch fitting on Tank 3. It was unclear if these holes were pipe fittings, holes created for some other purpose, or just accidental.

UST REMOVAL

Pre-Removal Activities

Prior to performing field activities at the site, ERM developed a site-specific Health and Safety Plan. In addition, ERM assisted the City in preparing the County UST Closure Plan to perform tank removal activities. Ferma Corporation (Ferma) of Mountain View, California was contracted by the City to conduct tank removal activities.

Liquid was noted to be present in Tanks 1 and 2 upon their discovery. Tank 1 was nearly full, while Tank 2 only had a small amount of liquid at the bottom. No liquid was observed in Tank 3 or the concrete vault.

The liquid in Tanks 1 and 2 was sampled on 25 November 2008 using a peristaltic pump and disposable polyethylene tubing. The samples were collected in laboratory-provided containers. The containers were labeled, placed in resealable plastic bags, and kept in an iced cooler prior to submittal to the laboratory. The samples were shipped under proper chain-of-custody protocol to Accutest Northern California, Inc. (Accutest), a California-certified laboratory in Santa Clara. Samples of the liquids from Tanks 1 and 2 were analyzed for the following:

- Total Petroleum Hydrocarbons (TPH) in the extractable range by United States Environmental Protection Agency (USEPA) Method 8015M;
- Oil & Grease by USEPA Method 1664A;
- Volatile Organic Compounds (VOCs) including TPH as gasoline and fuel oxygenates by USEPA Method 8260B;
- LUFT 5 Metals by USEPA Method 6010B;
- Polychlorinated Biphenyls (PCBs) by USEPA Method 8082 and;
- Pentachlorophenol (PCP), Polynuclear Aromatic Hydrocarbons (PNAs), and creosote compounds by USEPA Method 8270C.

The analytical results for the tank contents suggest some diesel-fuel-range hydrocarbons and associated breakdown products. The sampling results for detected compounds in the tanks are summarized in Table 2. The complete laboratory reports are included in Appendix B.

Table 2 – Laboratory Results for Tank Contents

	Units	Tank 1	Tank 2
Naphthalene (by 8260)	µg/L	60.6	ND
Tert-Butyl Alcohol	µg/L	ND	7.5
1,2,4-Trimethylbenzene	µg/L	1,110	ND
1,3,5-Trimethylbenzene	µg/L	466	ND
Xylene (total)	µg/L	4,420	ND
TPH-GRO (C6-C10)	µg/L	13,700	66.2 ^b
Naphthalene (by 8270)	µg/L	80.6	ND
HEM Oil and Grease	mg/L	ND	6.1
TPH as Diesel	mg/L	13.3 ^a	3.88 ^c
Cadmium	µg/L	28.9	35.5
Lead	µg/L	ND	72.5
Nickel	µg/L	14.1	16.7
Zinc	µg/L	45,700	37,500

$\mu\text{g/L}$ = micrograms per liter

mg/L = milligrams per liter

HEM = Hexane Extractable Material

ND = not detected

a - Not a typical diesel pattern (higher boiling gasoline compounds in the diesel range, C10-C28).

b - Atypical pattern. See results for TPH as diesel.

c - Diesel pattern.

Evergreen Environmental Services (Evergreen) was contracted to remove and dispose of the tank liquids. Based on the chemical analysis, the tank contents were disposed of as non-hazardous liquid waste. Evergreen pumped the contents of Tanks 1 and 2 on 9 December 2008. Approximately 620 gallons were removed from Tanks 1 and 2, the bulk of which was from Tank 1. The liquids were transported to Evergreen's facility in Newark, California. The liquid waste disposal manifest is included in Appendix C.

Dry ice was added to each of the three tanks and the concrete vault approximately 1.5 hours prior to tank removal activities. The lower explosive limit (LEL) was measured under supervision of the Dublin Fire Department. The LEL readings and corresponding oxygen levels are provided in Table 3.

Table 3 - LEL Readings prior to Tank Removal

Tank	LEL (%)	Oxygen (%)
Tank 1	0	20.8
Tank 2	0	5.6
Tank 3	0	5.5
Concrete Vault	1	20.7

The measured LEL levels were all below the required limits necessary to conduct tank removal activities.

Excavation Activities

The area around the USTs was excavated with a backhoe. The excavation area was fully within the fenced-off construction area and was delineated by yellow caution tape. The western side of the excavation area was sloped to provide access. The excavated area was approximately 33 feet, 5 inches, in the north-south direction and 30 feet in the east-west direction (as shown in Figure 2). The approximate depth of the excavation was 6 feet, 8 inches. The tanks were laterally centered in the excavation area, and the concrete vault was approximately 3 feet from the southern edge of the excavation area (see Figure 2).

The three tanks were removed using a backhoe. The tanks were placed on a plastic liner at ground level for inspection prior to being transported. No holes were observed in Tanks 1 or 2. Tank 3 showed considerable degradation at the bottom with several tears and holes observed (see Photolog, Appendix A).

The three tanks were placed on a single flat-bed truck and tied down with straps for transport by Ecology Control Industries (ECI) to their facility in Richmond, California. The waste manifest for these tanks is included in Appendix C.

The concrete vault was destroyed in place. The concrete was placed in a stockpile, along with other concrete unearthed during construction activities, for future disposal/recycling.

Confirmation Sampling

Following removal activities, soil samples were collected from below the floor of each excavation. Per the County removal guidelines, USTs smaller than 1,000 gallons require collection of one soil sample approximately 2 feet below the center of the original tank location. As indicated in Table 1, the three USTs discovered at the site were smaller than 1,000 gallons. The bottoms of the three USTs were all at approximately 4 feet, 7 inches, below ground surface. Additionally, one soil sample was collected from below the concrete vault location. Confirmation samples were obtained using a backhoe to scoop soil from the former UST and concrete vault locations. The sample was then

collected by inserting a brass liner into the soil gathered in the backhoe bucket. Each end of the liner was then covered with Teflon tape and sealed with a tight-fitting plastic cap. The liners were labeled, placed in resealable plastic bags, and kept in an iced cooler prior to submittal to the laboratory. The samples were shipped under proper chain-of-custody protocol to Accutest. The samples were analyzed for the following:

- TPH Extractable - diesel and motor oil ranges by USEPA Method 8015M;
- 1,4-Dioxane by USEPA Method 8260 SIM;
- LUFT 5 Metals by USEPA Method 6010B;
- PCBs by USEPA Method 8082;
- VOCs, including TPH as gasoline and fuel oxygenates by USEPA Method 8260B;
- PCP, PNAs, and creosote compounds by USEPA Method 8270C.

No TPH or breakdown products were detected in any of the soil samples collected below the tanks or concrete vault. The only chemical detections were for some of the LUFT 5 Metals, all of which were below regulatory standards. The analytical results from the soil samples are summarized in Table 4. The complete laboratory reports are included in Appendix B.

Table 4 - Analytical Results Summary for Soil Samples beneath USTs

	Chromium	Lead	Nickel	Zinc
ESL	2,500	750	150	600
Tank 1	31.4	7	30.6	48.5
Tank 2	32.4	6.6	30.3	46.5
Tank 3	31	8.4	30.9	52.8
Concrete Vault	30.6	6.5	31.4	52.1

All units in milligrams per kilogram (mg/kg).

ESL = Environmental Screening Level for commercial/industrial land use for shallow soils (<10 feet), Regional Water Quality Control Board, May 2008.

Groundwater was not encountered during UST removal and sampling activities.

Soil Stockpile Disposal

Approximately 280 tons of soil was removed during the UST excavation and stockpiled on a plastic liner at the site. The stockpile base length was approximately 43 feet, the width approximately 26 feet, and the height was approximately 6 feet. Three composite samples were collected from the stockpile for profiling. The three composite samples were composed of four discrete samples taken from the eastern end, western end, and middle of the stockpile, respectively. The samples were collected by inserting a brass liner into the soil stockpile. Each end of the liner was then covered with Teflon tape and sealed with a tight-fitting plastic cap. The liners were labeled, placed in resealable plastic bags, and kept in an iced cooler prior to submittal to the laboratory. The samples were shipped under proper chain-of-custody protocol to Accutest. The stockpile samples were analyzed for the following:

- TPH Extractable - diesel and motor oil ranges by USEPA Method 8015M;
- LUFT 5 Metals by USEPA Method 6010B; and
- Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX) and TPH as gasoline by USEPA Method 8260B.

The analytical results of the composite samples for the eastern end and the middle portion of the stockpile indicated that those portions of the stockpile could be disposed of as a Class II non-hazardous waste. Based on the lead analytical result reported for the western end composite sample (59.4 mg/kg), this sample required a Soluble Threshold Limit Concentration (STLC) analysis performed for lead to determine the appropriate disposal characterization. An analysis for STLC is used when determining the hazardous waste characterization under California State regulations as outlined in Title 22 of the California Code of Regulations. Based on the STLC result for lead (1.8 mg/L), the western end of the soil stockpile was also classified as Class II non-hazardous waste. The complete laboratory report for the composite samples is included in Appendix B.

The soil stockpile was shipped to the Waste Management landfill in Altamont, California, for disposal.

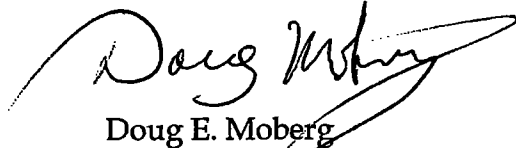
SUMMARY


The City of Dublin is in the process of converting the former Dublin Square Shopping Center to a city park. During the construction effort, three USTs and a concrete vault were discovered. Historical photographs suggest that these tanks may have been associated with a gasoline service station that once operated at the site location.

Ferma was contracted to conduct the tank removal activities. Evergreen was contracted to pump out and dispose of the contents of the tanks, and ECI was contracted to dispose of the tanks. Soil samples from below the tanks were analyzed for various compounds associated with fuel hydrocarbons and their associated breakdown products. The analysis of soils beneath the tanks for chemicals of concern did not indicate impacts exceeding any applicable regulatory standards. The soil removed during the excavation of the tanks was characterized as Class II non-hazardous waste and disposed of at the Waste Management landfill in Altamont, California.

On behalf of the City of Dublin, ERM requests case closure for these tanks at this time.

Sincerely,

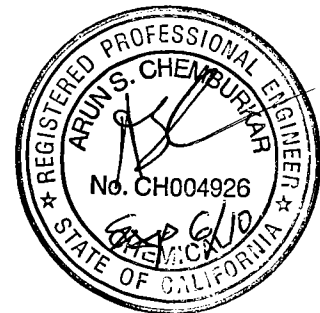

Doug E. Moberg
Project Manager


Arun S. Chemburkar, P.E.
Partner

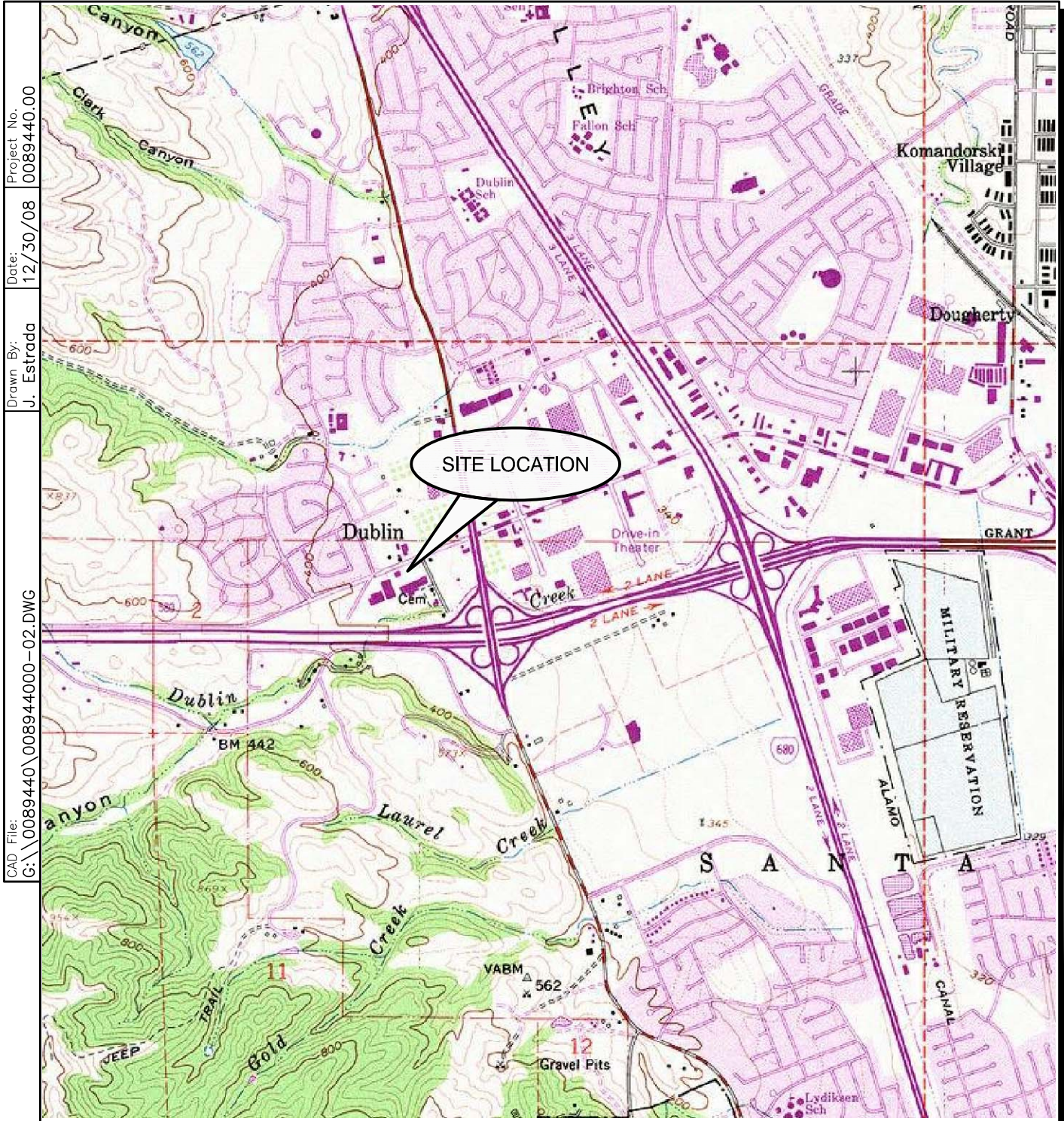
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enclosures: Figures 1 and 2
Appendices A through C

cc: Herma Lichtenstein - City of Dublin

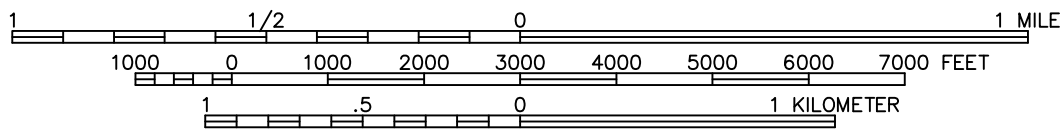


Figures



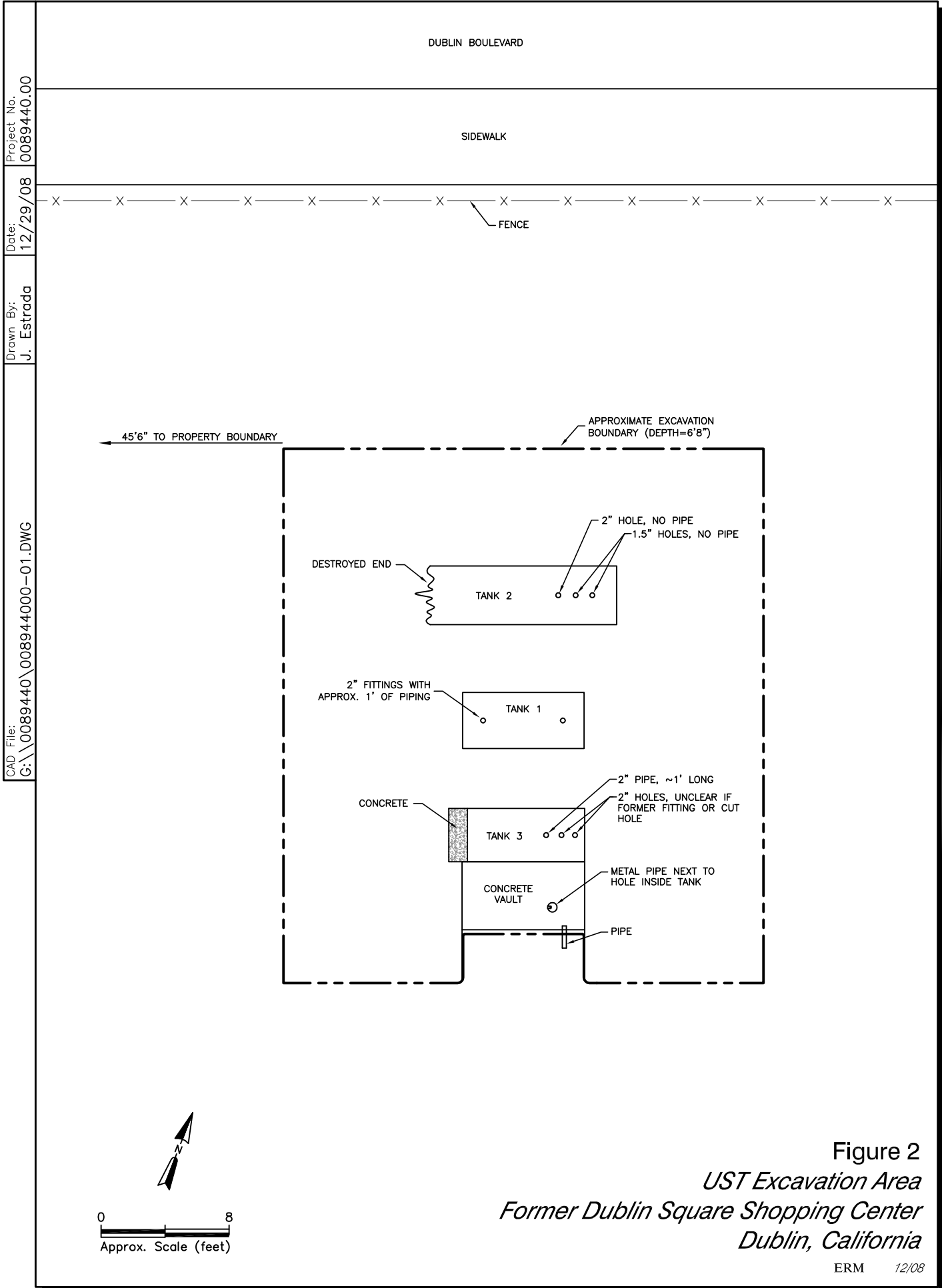
CAD File: G:\0089440\008944000-02.DWG
 Drawn By: J. Estrada
 Date: 12/30/08
 Project No. 0089440.00

SCALE 1:24,000



References:
 TOPO!® Software
 U.S.G.S. 7.5 Minute Series (Topographic) Quadrangle,
 Dublin, California
 Dated: 1980

Figure 1
 Site Location Map
 Former Dublin Square Shopping Center
 Dublin, California



Project No. 0089440.00
 Date: 12/29/08
 Drawn By: J. Estrada

CAD File: G:\0089440\008944000-01.DWG

Figure 2
 UST Excavation Area
 Former Dublin Square Shopping Center
 Dublin, California

Appendix A
Photolog



View of tanks and concrete vault facing northwest. Soil stockpile in background.

PHOTOGRAPH 1	ERM	Former Dublin Square Shopping Center 11759 Dublin Blvd. Dublin, CA 94568
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View of LEL meter taking reading from Tank 1.

PHOTOGRAPH 2	ERM	Former Dublin Square Shopping Center 11759 Dublin Blvd. Dublin, CA 94568
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View of backhoe removing tank.

PHOTOGRAPH 3	ERM	Former Dublin Square Shopping Center 11759 Dublin Blvd. Dublin, CA 94568
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View of concrete vault, facing west..

PHOTOGRAPH 4	ERM	Former Dublin Square Shopping Center 11759 Dublin Blvd. Dublin, CA 94568
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View of bottom of Tank 3.

PHOTOGRAPH 5

ERM

Former Dublin Square Shopping Center
11759 Dublin Blvd.
Dublin, CA 94568

Appendix B
Laboratory Reports



12/03/08

Technical Report for

ERM-West, Inc.

11759 Dublin Blvd, Dublin, CA

0089440

Accutest Job Number: C3173

Sampling Date: 11/25/08



Report to:

ERM-West, Inc.
1777 Botelho Drive, Suite 260
Walnut Creek, CA 94596
doug.moberg@erm.com

ATTN: Doug Moberg

Total number of pages in report: 68



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Laurie Glantz-Murphy 408-588-0200

Certifications: CA (08258CA)

This report shall not be reproduced, except in its entirety, without the written approval of Accutest Laboratories.
Test results relate only to samples analyzed.

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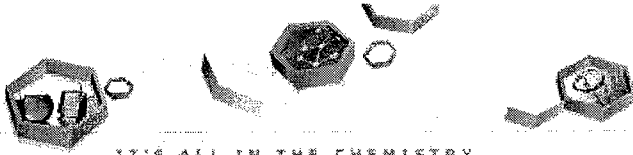
Sample Summary

ERM-West, Inc.

11759 Dublin Blvd, Dublin, CA
 Project No: 0089440

Job No: C3173

Sample Number	Collected		Received	Matrix		Client Sample ID
	Date	Time By		Code	Type	
C3173-1	11/25/08	00:00 DM	11/26/08	AQ	Water	TANK 1
C3173-1F	11/25/08	00:00 DM	11/26/08	AQ	Water	TANK 1
C3173-2	11/25/08	00:00 DM	11/26/08	AQ	Water	TANK 2
C3173-2F	11/25/08	00:00 DM	11/26/08	AQ	Water	TANK 2
C3173-3	11/25/08	00:00 DM	11/26/08	AQ	Water	TB-001



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: TANK 1		Date Sampled: 11/25/08
Lab Sample ID: C3173-1		Date Received: 11/26/08
Matrix: AQ - Water		Percent Solids: n/a
Method: SW846 8260B BY SIM		
Project: 11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	N03334.D	40	12/02/08	TF	n/a	n/a	VN99
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	80	40	ug/l	

(a) Dilution required due to matrix interference and high concentration of non-target compounds.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	
Lab Sample ID: C3173-1	Date Sampled: 11/25/08
Matrix: AQ - Water	Date Received: 11/26/08
Method: SW846 8260B	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N03306.D	40	12/01/08	TF	n/a	n/a	VN98
Run #2							

Run #	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	800	400	ug/l	
71-43-2	Benzene	ND	40	12	ug/l	
108-86-1	Bromobenzene	ND	40	12	ug/l	
74-97-5	Bromochloromethane	ND	40	20	ug/l	
75-27-4	Bromodichloromethane	ND	40	12	ug/l	
75-25-2	Bromoform	ND	40	20	ug/l	
104-51-8	n-Butylbenzene	ND	200	20	ug/l	
135-98-8	sec-Butylbenzene	ND	200	20	ug/l	
98-06-6	tert-Butylbenzene	ND	200	20	ug/l	
108-90-7	Chlorobenzene	ND	40	12	ug/l	
75-00-3	Chloroethane	ND	40	12	ug/l	
67-66-3	Chloroform	ND	40	12	ug/l	
95-49-8	o-Chlorotoluene	ND	200	20	ug/l	
106-43-4	p-Chlorotoluene	ND	200	20	ug/l	
56-23-5	Carbon tetrachloride	ND	40	8.0	ug/l	
75-34-3	1,1-Dichloroethane	ND	40	12	ug/l	
75-35-4	1,1-Dichloroethylene	ND	40	8.0	ug/l	
563-58-6	1,1-Dichloropropene	ND	40	12	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	400	200	ug/l	
106-93-4	1,2-Dibromoethane	ND	40	8.0	ug/l	
107-06-2	1,2-Dichloroethane	ND	40	12	ug/l	
78-87-5	1,2-Dichloropropane	ND	40	12	ug/l	
142-28-9	1,3-Dichloropropane	ND	40	12	ug/l	
108-20-3	Di-Isopropyl ether	ND	200	20	ug/l	
594-20-7	2,2-Dichloropropane	ND	40	12	ug/l	
124-48-1	Dibromochloromethane	ND	40	8.0	ug/l	
75-71-8	Dichlorodifluoromethane	ND	40	12	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	40	12	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	40	20	ug/l	
541-73-1	m-Dichlorobenzene	ND	40	12	ug/l	
95-50-1	o-Dichlorobenzene	ND	40	12	ug/l	
106-46-7	p-Dichlorobenzene	ND	40	12	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	
Lab Sample ID: C3173-1	Date Sampled: 11/25/08
Matrix: AQ - Water	Date Received: 11/26/08
Method: SW846 8260B	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	40	12	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	40	8.0	ug/l	
100-41-4	Ethylbenzene	ND	40	12	ug/l	
64-17-5	Ethyl Alcohol	ND	4000	1600	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	200	20	ug/l	
591-78-6	2-Hexanone	ND	800	400	ug/l	
87-68-3	Hexachlorobutadiene	ND	200	20	ug/l	
98-82-8	Isopropylbenzene	ND	40	8.0	ug/l	
99-87-6	p-Isopropyltoluene	ND	200	20	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	800	200	ug/l	
74-83-9	Methyl bromide	ND	200	60	ug/l	
74-87-3	Methyl chloride	ND	40	12	ug/l	
74-95-3	Methylene bromide	ND	40	8.0	ug/l	
75-09-2	Methylene chloride	ND	800	200	ug/l	
78-93-3	Methyl ethyl ketone	ND	800	200	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	40	20	ug/l	
91-20-3	Naphthalene	60.6	200	20	ug/l	J
103-65-1	n-Propylbenzene	ND	200	20	ug/l	
100-42-5	Styrene	ND	40	8.0	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	200	20	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	400	200	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	40	8.0	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	40	8.0	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	40	8.0	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	40	8.0	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	200	20	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	200	20	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	200	20	ug/l	
95-63-6	1,2,4-Trimethylbenzene	1110	200	20	ug/l	
108-67-8	1,3,5-Trimethylbenzene	466	200	20	ug/l	
127-18-4	Tetrachloroethylene	ND	40	8.0	ug/l	
108-88-3	Toluene	ND	40	20	ug/l	
79-01-6	Trichloroethylene	ND	40	12	ug/l	
75-69-4	Trichlorofluoromethane	ND	40	12	ug/l	
75-01-4	Vinyl chloride	ND	40	12	ug/l	
1330-20-7	Xylene (total)	4420	80	28	ug/l	
	TPH-GRO (C6-C10)	13700	2000	1000	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 11/25/08
Lab Sample ID: C3173-1	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	99%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 1	Date Sampled:	11/25/08
Lab Sample ID:	C3173-1	Date Received:	11/26/08
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	P917.D	5	12/02/08	LY	12/01/08	OP542	EP62
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	96	24	ug/l	
95-57-8	2-Chlorophenol	ND	48	24	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	72	29	ug/l	
120-83-2	2,4-Dichlorophenol	ND	72	24	ug/l	
105-67-9	2,4-Dimethylphenol	ND	48	24	ug/l	
51-28-5	2,4-Dinitrophenol	ND	96	14	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	96	9.6	ug/l	
95-48-7	2-Methylphenol	ND	48	24	ug/l	
	3&4-Methylphenol	ND	48	19	ug/l	
88-75-5	2-Nitrophenol	ND	72	24	ug/l	
100-02-7	4-Nitrophenol	ND	48	4.8	ug/l	
87-86-5	Pentachlorophenol	ND	48	14	ug/l	
108-95-2	Phenol	ND	48	14	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	72	29	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	72	29	ug/l	
83-32-9	Acenaphthene	ND	48	24	ug/l	
208-96-8	Acenaphthylene	ND	72	24	ug/l	
62-53-3	Aniline	ND	48	24	ug/l	
120-12-7	Anthracene	ND	48	19	ug/l	
103-33-3	Azobenzene	ND	48	24	ug/l	
92-87-5	Benzidine	ND	96	29	ug/l	
56-55-3	Benzo(a)anthracene	ND	48	9.6	ug/l	
50-32-8	Benzo(a)pyrene	ND	48	9.6	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	48	9.6	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	48	9.6	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	48	9.6	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	72	29	ug/l	
85-68-7	Butyl benzyl phthalate	ND	48	14	ug/l	
100-51-6	Benzyl Alcohol	ND	48	24	ug/l	
91-58-7	2-Chloronaphthalene	ND	48	24	ug/l	
106-47-8	4-Chloroaniline	ND	48	24	ug/l	
86-74-8	Carbazole	ND	48	14	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	
Lab Sample ID: C3173-1	Date Sampled: 11/25/08
Matrix: AQ - Water	Date Received: 11/26/08
Method: SW846 8270C SW846 3510C	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	48	9.6	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	72	24	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	48	19	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	48	19	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	72	29	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	48	19	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	48	19	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	48	19	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	48	24	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	72	29	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	48	24	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	48	9.6	ug/l	
132-64-9	Dibenzofuran	ND	72	24	ug/l	
122-39-4	Diphenylamine	ND	72	24	ug/l	
84-74-2	Di-n-butyl phthalate	ND	48	14	ug/l	
117-84-0	Di-n-octyl phthalate	ND	48	14	ug/l	
84-66-2	Diethyl phthalate	ND	48	24	ug/l	
131-11-3	Dimethyl phthalate	ND	48	19	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	48	14	ug/l	
206-44-0	Fluoranthene	ND	48	14	ug/l	
86-73-7	Fluorene	ND	72	29	ug/l	
118-74-1	Hexachlorobenzene	ND	72	24	ug/l	
87-68-3	Hexachlorobutadiene	ND	96	19	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	48	14	ug/l	
67-72-1	Hexachloroethane	ND	48	19	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	48	9.6	ug/l	
78-59-1	Isophorone	ND	72	24	ug/l	
90-12-0	1-Methylnaphthalene	ND	48	24	ug/l	
91-57-6	2-Methylnaphthalene	ND	48	24	ug/l	
88-74-4	2-Nitroaniline	ND	72	29	ug/l	
99-09-2	3-Nitroaniline	ND	48	24	ug/l	
100-01-6	4-Nitroaniline	ND	48	19	ug/l	
91-20-3	Naphthalene	80.6	48	24	ug/l	
98-95-3	Nitrobenzene	ND	48	24	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	96	14	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	48	24	ug/l	
85-01-8	Phenanthrene	ND	48	24	ug/l	
129-00-0	Pyrene	ND	48	14	ug/l	
110-86-1	Pyridine	ND	96	9.6	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	48	19	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 11/25/08
Lab Sample ID: C3173-1	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8270C SW846 3510C	
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	17%		10-100%
4165-62-2	Phenol-d5	16%		7-100%
118-79-6	2,4,6-Tribromophenol	96%		25-115%
4165-60-0	Nitrobenzene-d5	87%		25-100%
321-60-8	2-Fluorobiphenyl	70%		25-106%
1718-51-0	Terphenyl-d14	90%		35-130%

(a) Reporting limits raised due to non-target Hydrocarbons.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

2.1
2

Client Sample ID: TANK 1	Date Sampled: 11/25/08
Lab Sample ID: C3173-1	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8082 SW846 3510C	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2190.D	1	12/01/08	NB	12/01/08	OP541	GOO79
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.096	0.019	ug/l	
11104-28-2	Aroclor 1221	ND	0.096	0.048	ug/l	
11141-16-5	Aroclor 1232	ND	0.096	0.048	ug/l	
53469-21-9	Aroclor 1242	ND	0.096	0.048	ug/l	
12672-29-6	Aroclor 1248	ND	0.096	0.048	ug/l	
11097-69-1	Aroclor 1254	ND	0.096	0.048	ug/l	
11096-82-5	Aroclor 1260	ND	0.096	0.029	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	43%		41-134%
877-09-8	Tetrachloro-m-xylene	46%		41-134%
2051-24-3	Decachlorobiphenyl	50%		41-134%
2051-24-3	Decachlorobiphenyl	45%		41-134%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1		Date Sampled: 11/25/08
Lab Sample ID: C3173-1		Date Received: 11/26/08
Matrix: AQ - Water		Percent Solids: n/a
Method: SW846 8015B M SW846 3510C		
Project: 11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2531.D	20	12/01/08	JH	12/01/08	OP543	GGG104
Run #2							

	Initial Volume	Final Volume
Run #1	1030 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) ^a	13.3	1.9	0.97	mg/l	
	TPH (Motor Oil)	ND	3.9	1.9	mg/l	
	TPH (Mineral Spirits)	ND	1.9	0.97	mg/l	
	TPH (Kerosene)	ND	1.9	0.97	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	69%		45-140%

(a) Not a typical Diesel pattern. Higher boiling gasoline compounds in the Diesel range(C10-C28). See results by 8260 analysis as Gasoline.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 11/25/08
Lab Sample ID: C3173-1	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	< 5.0	5.0	mg/l	1	12/03/08	RL	EPA 1664A

RL = Reporting Limit

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 11/25/08
Lab Sample ID: C3173-1F	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	28.9	2.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Chromium	< 5.0	5.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Lead	< 5.0	5.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Nickel	14.1	5.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Zinc	45700	30	ug/l	3	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²

(1) Instrument QC Batch: MA400

(2) Prep QC Batch: MP651

RL = Reporting Limit

Report of Analysis

2.3
2

Client Sample ID: TANK 2	Date Sampled: 11/25/08
Lab Sample ID: C3173-2	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8260B BY SIM	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N03335.D	1	12/02/08	TF	n/a	n/a	VN99
Run #2							

	Purge Volume
Run #1	10.0 ml
Run #2	

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	2.0	1.0	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	11/25/08
Lab Sample ID:	C3173-2	Date Received:	11/26/08
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N03307.D	1	12/01/08	TF	n/a	n/a	VN98
Run #2							

Run #	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	12.2	20	10	ug/l	J
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	11/25/08
Lab Sample ID:	C3173-2	Date Received:	11/26/08
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	7.5	10	5.0	ug/l	J
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10) ^a	66.2	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	
Lab Sample ID: C3173-2	Date Sampled: 11/25/08
Matrix: AQ - Water	Date Received: 11/26/08
Method: SW846 8260B	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	98%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	99%		60-130%

(a) Atypical pattern. See results for TPH as Diesel.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	11/25/08
Lab Sample ID:	C3173-2	Date Received:	11/26/08
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	11759 Dublin Blvd, Dublin, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1 ^a	P918.D	10	12/02/08	LY	12/01/08	OP542	EP62
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	190	48	ug/l	
95-57-8	2-Chlorophenol	ND	96	48	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	140	58	ug/l	
120-83-2	2,4-Dichlorophenol	ND	140	48	ug/l	
105-67-9	2,4-Dimethylphenol	ND	96	48	ug/l	
51-28-5	2,4-Dinitrophenol	ND	190	29	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	190	19	ug/l	
95-48-7	2-Methylphenol	ND	96	48	ug/l	
	3&4-Methylphenol	ND	96	38	ug/l	
88-75-5	2-Nitrophenol	ND	140	48	ug/l	
100-02-7	4-Nitrophenol	ND	96	9.6	ug/l	
87-86-5	Pentachlorophenol	ND	96	29	ug/l	
108-95-2	Phenol	ND	96	29	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	140	58	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	140	58	ug/l	
83-32-9	Acenaphthene	ND	96	48	ug/l	
208-96-8	Acenaphthylene	ND	140	48	ug/l	
62-53-3	Aniline	ND	96	48	ug/l	
120-12-7	Anthracene	ND	96	38	ug/l	
103-33-3	Azobenzene	ND	96	48	ug/l	
92-87-5	Benzidine	ND	190	58	ug/l	
56-55-3	Benzo(a)anthracene	ND	96	19	ug/l	
50-32-8	Benzo(a)pyrene	ND	96	19	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	96	19	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	96	19	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	96	19	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	140	58	ug/l	
85-68-7	Butyl benzyl phthalate	ND	96	29	ug/l	
100-51-6	Benzyl Alcohol	ND	96	48	ug/l	
91-58-7	2-Chloronaphthalene	ND	96	48	ug/l	
106-47-8	4-Chloroaniline	ND	96	48	ug/l	
86-74-8	Carbazole	ND	96	29	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	11/25/08
Lab Sample ID:	C3173-2	Date Received:	11/26/08
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	11759 Dublin Blvd, Dublin, CA		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	96	19	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	140	48	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	96	38	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	96	38	ug/l	
7005-72-3	4-Chlorophenyl phenyl ether	ND	140	58	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	96	38	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	96	38	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	96	38	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	96	48	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	140	58	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	96	48	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	96	19	ug/l	
132-64-9	Dibenzofuran	ND	140	48	ug/l	
122-39-4	Diphenylamine	ND	140	48	ug/l	
84-74-2	Di-n-butyl phthalate	ND	96	29	ug/l	
117-84-0	Di-n-octyl phthalate	ND	96	29	ug/l	
84-66-2	Diethyl phthalate	ND	96	48	ug/l	
131-11-3	Dimethyl phthalate	ND	96	38	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	96	29	ug/l	
206-44-0	Fluoranthene	ND	96	29	ug/l	
86-73-7	Fluorene	ND	140	58	ug/l	
118-74-1	Hexachlorobenzene	ND	140	48	ug/l	
87-68-3	Hexachlorobutadiene	ND	190	38	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	96	29	ug/l	
67-72-1	Hexachloroethane	ND	96	38	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	96	19	ug/l	
78-59-1	Isophorone	ND	140	48	ug/l	
90-12-0	1-Methylnaphthalene	ND	96	48	ug/l	
91-57-6	2-Methylnaphthalene	ND	96	48	ug/l	
88-74-4	2-Nitroaniline	ND	140	58	ug/l	
99-09-2	3-Nitroaniline	ND	96	48	ug/l	
100-01-6	4-Nitroaniline	ND	96	38	ug/l	
91-20-3	Naphthalene	ND	96	48	ug/l	
98-95-3	Nitrobenzene	ND	96	48	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	190	29	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	96	48	ug/l	
85-01-8	Phenanthrene	ND	96	48	ug/l	
129-00-0	Pyrene	ND	96	29	ug/l	
110-86-1	Pyridine	ND	190	19	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	96	38	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	11/25/08
Lab Sample ID:	C3173-2	Date Received:	11/26/08
Matrix:	AQ - Water	Percent Solids:	n/a
Method:	SW846 8270C SW846 3510C		
Project:	11759 Dublin Blvd, Dublin, CA		

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	31%		10-100%
4165-62-2	Phenol-d5	23%		7-100%
118-79-6	2,4,6-Tribromophenol	56%		25-115%
4165-60-0	Nitrobenzene-d5	55%		25-100%
321-60-8	2-Fluorobiphenyl	61%		25-106%
1718-51-0	Terphenyl-d14	81%		35-130%

(a) Reporting limits raised due to non-target Hydrocarbon.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

2.3
2

Client Sample ID: TANK 2	Date Sampled: 11/25/08
Lab Sample ID: C3173-2	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8082 SW846 3510C	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2191.D	1	12/01/08	NB	12/01/08	OP541	G0079
Run #2							

	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.096	0.019	ug/l	
11104-28-2	Aroclor 1221	ND	0.096	0.048	ug/l	
11141-16-5	Aroclor 1232	ND	0.096	0.048	ug/l	
53469-21-9	Aroclor 1242	ND	0.096	0.048	ug/l	
12672-29-6	Aroclor 1248	ND	0.096	0.048	ug/l	
11097-69-1	Aroclor 1254	ND	0.096	0.048	ug/l	
11096-82-5	Aroclor 1260	ND	0.096	0.029	ug/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	46%		41-134%
877-09-8	Tetrachloro-m-xylene	50%		41-134%
2051-24-3	Decachlorobiphenyl	66%		41-134%
2051-24-3	Decachlorobiphenyl	63%		41-134%

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

2.3
2

Client Sample ID: TANK 2	Date Sampled: 11/25/08
Lab Sample ID: C3173-2	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8015B M SW846 3510C	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2533.D	5	12/01/08	JH	12/01/08	OP543	GGG104
Run #2							

Run #	Initial Volume	Final Volume
Run #1	1040 ml	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel) ^a	3.88	0.48	0.24	mg/l	
	TPH (Motor Oil)	ND	0.96	0.48	mg/l	
	TPH (Mineral Spirits)	ND	0.48	0.24	mg/l	
	TPH (Kerosene)	ND	0.48	0.24	mg/l	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	70%		45-140%

(a) Diesel Pattern.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 11/25/08
Lab Sample ID: C3173-2	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Oil and Grease	6.1	5.0	mg/l	1	12/03/08	RL	EPA 1664A

RL = Reporting Limit

Report of Analysis

2.4
2

Client Sample ID: TANK 2	Date Sampled: 11/25/08
Lab Sample ID: C3173-2F	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	35.5	2.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Chromium	< 5.0	5.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Lead	72.5	5.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Nickel	16.7	5.0	ug/l	1	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²
Zinc	37500	30	ug/l	3	12/02/08	12/03/08 CT	SW846 6010B ¹	SW3010A ²

(1) Instrument QC Batch: MA400
 (2) Prep QC Batch: MP651

RL = Reporting Limit

Report of Analysis

Client Sample ID: TB-001		Date Sampled: 11/25/08
Lab Sample ID: C3173-3		Date Received: 11/26/08
Matrix: AQ - Water		Percent Solids: n/a
Method: SW846 8260B		
Project: 11759 Dublin Blvd, Dublin, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	N03304.D	1	12/01/08	TF	n/a	n/a	VN98
Run #2							

Run #	Purge Volume
Run #1	10.0 ml
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TB-001	Date Sampled: 11/25/08
Lab Sample ID: C3173-3	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TB-001	Date Sampled: 11/25/08
Lab Sample ID: C3173-3	Date Received: 11/26/08
Matrix: AQ - Water	Percent Solids: n/a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	97%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	96%		60-130%

ND = Not detected	MDL - Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound



IT'S ALL IN THE CHEMISTRY



Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Environmental Resources Management

CHAIN OF CUSTODY RECORD
ERMCAWC 1559

NO: 4702

1777 Botelho Drive, Suite 260 • Walnut Creek, CA • 94596 • (925) 946-0455 • FAX (925) 946-9968

C3173

Page 1 of 1

PROJECT #		PROJECT NAME		# OF CONTAINERS	MATRIX			REQUESTED PARAMETERS																
0089440		11759 Dublin Blvd - Dublin			SOIL	WATER	GAS	TPH Extractables 8015M Oil & Grease 14-Dioxene 8260 LUFT 5 Metals PCBs 8082 BTEX, TPHs, EDB, EDC Chlorinated Hydrocarbons MTBE, TAME, ETBE DIPE, TBA, EtOH PCP, PMA, Cresote 8270																
SAMPLER: (PRINT NAME)		(SIGNATURE)																						
Doug Moberg		<i>Doug Moberg</i>																						
RECEIVING LABORATORY																								
Accutest - Santa Clara																								
SAMPLE I.D.	DATE	TIME	COMP	GRAB	SAMPLING METHOD	PRESERVATIVE	USE (Y/N)	SAMPLING VOLUME																
TANK 1	1/25/08		-1	X	Per. Pump	Varies	Y	Varies	15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TANK 2	1/25/08		-2	X	Per. Pump	Varies	Y	↓	15	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
TB-001	-		-3	-	Lab prepared	4ml	Y	4ml	3	X														

6 vials each (w/ HCl)
 6 Lit Ambers each n/p
 2 Lit Ambers each (w/ H₂SO₄)
 250ml poly each (w/ HNO₃) pH<2
 3 vials (FB'S) cooler 1 cooler 2
 Rec'd @ temperature 3.6°C and 2.6°C

3 DAYS

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY	DATE	TIME	FIELD REMARKS
<i>Doug Moberg</i>	1/26/08	10:10	<i>[Signature]</i>	1/26/08	10:10	Strong hydrocarbon-like odor.
<i>[Signature]</i>	1/26/08	11:00	<i>[Signature]</i>	1/26/08	11:00	Metals were field filtered. Use Method 8260 for VOCs

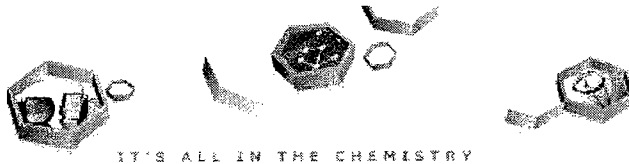
REMARKS ON SAMPLE RECEIPT	ERM REMARKS	SEND REPORT TO:
<input type="checkbox"/> BOTTLE INTACT <input type="checkbox"/> CUSTODY SEALS <input type="checkbox"/> CHILLED <input type="checkbox"/> PRESERVED <input type="checkbox"/> SEALS INTACT <input type="checkbox"/> SEE REMARKS		Doug Moberg

WHITE - LABORATORY COPY

CANARY - FIELD COPY

PINK - DATABASE

GOLD - PROJECT FILE



GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN99-MB	N03332.D	1	12/02/08	TF	n/a	n/a	VN99

4.1
4

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

C3173-1, C3173-2

CAS No.	Compound	Result	RL	MDL	Units	Q
123-91-1	1,4-Dioxane	ND	2.0	1.0	ug/l	

Method Blank Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN98-MB	N03299.D	1	12/01/08	TF	n/a	n/a	VN98

4.1
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	20	10	ug/l	
71-43-2	Benzene	ND	1.0	0.30	ug/l	
108-86-1	Bromobenzene	ND	1.0	0.30	ug/l	
74-97-5	Bromochloromethane	ND	1.0	0.50	ug/l	
75-27-4	Bromodichloromethane	ND	1.0	0.30	ug/l	
75-25-2	Bromoform	ND	1.0	0.50	ug/l	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/l	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/l	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/l	
108-90-7	Chlorobenzene	ND	1.0	0.30	ug/l	
75-00-3	Chloroethane	ND	1.0	0.30	ug/l	
67-66-3	Chloroform	ND	1.0	0.30	ug/l	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/l	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/l	
56-23-5	Carbon tetrachloride	ND	1.0	0.20	ug/l	
75-34-3	1,1-Dichloroethane	ND	1.0	0.30	ug/l	
75-35-4	1,1-Dichloroethylene	ND	1.0	0.20	ug/l	
563-58-6	1,1-Dichloropropene	ND	1.0	0.30	ug/l	
96-12-8	1,2-Dibromo-3-chloropropane	ND	10	5.0	ug/l	
106-93-4	1,2-Dibromoethane	ND	1.0	0.20	ug/l	
107-06-2	1,2-Dichloroethane	ND	1.0	0.30	ug/l	
78-87-5	1,2-Dichloropropane	ND	1.0	0.30	ug/l	
142-28-9	1,3-Dichloropropane	ND	1.0	0.30	ug/l	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/l	
594-20-7	2,2-Dichloropropane	ND	1.0	0.30	ug/l	
124-48-1	Dibromochloromethane	ND	1.0	0.20	ug/l	
75-71-8	Dichlorodifluoromethane	ND	1.0	0.30	ug/l	
156-59-2	cis-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-01-5	cis-1,3-Dichloropropene	ND	1.0	0.50	ug/l	
541-73-1	m-Dichlorobenzene	ND	1.0	0.30	ug/l	
95-50-1	o-Dichlorobenzene	ND	1.0	0.30	ug/l	
106-46-7	p-Dichlorobenzene	ND	1.0	0.30	ug/l	
156-60-5	trans-1,2-Dichloroethylene	ND	1.0	0.30	ug/l	
10061-02-6	trans-1,3-Dichloropropene	ND	1.0	0.20	ug/l	
100-41-4	Ethylbenzene	ND	1.0	0.30	ug/l	
64-17-5	Ethyl Alcohol	ND	100	40	ug/l	

Method Blank Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN98-MB	N03299.D	1	12/01/08	TF	n/a	n/a	VN98

4.1
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Compound	Result	RL	MDL	Units	Q
637-92-3	Ethyl Tert Butyl Ether	ND	5.0	0.50	ug/l	
591-78-6	2-Hexanone	ND	20	10	ug/l	
87-68-3	Hexachlorobutadiene	ND	5.0	0.50	ug/l	
98-82-8	Isopropylbenzene	ND	1.0	0.20	ug/l	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/l	
108-10-1	4-Methyl-2-pentanone	ND	20	5.0	ug/l	
74-83-9	Methyl bromide	ND	5.0	1.5	ug/l	
74-87-3	Methyl chloride	ND	1.0	0.30	ug/l	
74-95-3	Methylene bromide	ND	1.0	0.20	ug/l	
75-09-2	Methylene chloride	ND	20	5.0	ug/l	
78-93-3	Methyl ethyl ketone	ND	20	5.0	ug/l	
1634-04-4	Methyl Tert Butyl Ether	ND	1.0	0.50	ug/l	
91-20-3	Naphthalene	ND	5.0	0.50	ug/l	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/l	
100-42-5	Styrene	ND	1.0	0.20	ug/l	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/l	
75-65-0	Tert-Butyl Alcohol	ND	10	5.0	ug/l	
630-20-6	1,1,1,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
71-55-6	1,1,1-Trichloroethane	ND	1.0	0.20	ug/l	
79-34-5	1,1,2,2-Tetrachloroethane	ND	1.0	0.20	ug/l	
79-00-5	1,1,2-Trichloroethane	ND	1.0	0.20	ug/l	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/l	
96-18-4	1,2,3-Trichloropropane	ND	5.0	0.50	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/l	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	0.50	ug/l	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	0.50	ug/l	
127-18-4	Tetrachloroethylene	ND	1.0	0.20	ug/l	
108-88-3	Toluene	ND	1.0	0.50	ug/l	
79-01-6	Trichloroethylene	ND	1.0	0.30	ug/l	
75-69-4	Trichlorofluoromethane	ND	1.0	0.30	ug/l	
75-01-4	Vinyl chloride	ND	1.0	0.30	ug/l	
1330-20-7	Xylene (total)	ND	2.0	0.70	ug/l	
	TPH-GRO (C6-C10)	ND	50	25	ug/l	

Method Blank Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN98-MB	N03299.D	1	12/01/08	TF	n/a	n/a	VN98

4.1
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	97%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	96%	60-130%

Blank Spike Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN99-BS	N03333.D	1	12/02/08	TF	n/a	n/a	VN99

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

C3173-1, C3173-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
123-91-1	1,4-Dioxane	10	9.9	99	60-130

Blank Spike Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN98-BS	N03300.D	1	12/01/08	TF	n/a	n/a	VN98

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
67-64-1	Acetone	80	69.9	87	60-130
71-43-2	Benzene	20	18.8	94	60-130
108-86-1	Bromobenzene	20	18.9	95	60-130
74-97-5	Bromochloromethane	20	19.0	95	60-130
75-27-4	Bromodichloromethane	20	19.5	98	60-130
75-25-2	Bromoform	20	18.3	92	60-130
104-51-8	n-Butylbenzene	20	18.2	91	60-130
135-98-8	sec-Butylbenzene	20	18.8	94	60-130
98-06-6	tert-Butylbenzene	20	18.7	94	60-130
108-90-7	Chlorobenzene	20	19.2	96	60-130
75-00-3	Chloroethane	20	16.9	85	60-130
67-66-3	Chloroform	20	19.8	99	60-130
95-49-8	o-Chlorotoluene	20	18.6	93	60-130
106-43-4	p-Chlorotoluene	20	19.4	97	60-130
56-23-5	Carbon tetrachloride	20	19.4	97	60-130
75-34-3	1,1-Dichloroethane	20	18.2	91	60-130
75-35-4	1,1-Dichloroethylene	20	16.7	84	60-130
563-58-6	1,1-Dichloropropene	20	18.6	93	60-130
96-12-8	1,2-Dibromo-3-chloropropane	20	17.7	89	60-130
106-93-4	1,2-Dibromoethane	20	18.7	94	60-130
107-06-2	1,2-Dichloroethane	20	19.4	97	60-130
78-87-5	1,2-Dichloropropane	20	19.6	98	60-130
142-28-9	1,3-Dichloropropane	20	18.3	92	60-130
108-20-3	Di-Isopropyl ether	20	19.6	98	60-130
594-20-7	2,2-Dichloropropane	20	21.7	109	60-130
124-48-1	Dibromochloromethane	20	20.2	101	60-130
75-71-8	Dichlorodifluoromethane	20	15.5	78	60-130
156-59-2	cis-1,2-Dichloroethylene	20	19.3	97	60-130
10061-01-5	cis-1,3-Dichloropropene	20	20.2	101	60-130
541-73-1	m-Dichlorobenzene	20	19.3	97	60-130
95-50-1	o-Dichlorobenzene	20	19.3	97	60-130
106-46-7	p-Dichlorobenzene	20	18.9	95	60-130
156-60-5	trans-1,2-Dichloroethylene	20	18.1	91	60-130
10061-02-6	trans-1,3-Dichloropropene	20	19.8	99	60-130
100-41-4	Ethylbenzene	20	19.0	95	60-130
64-17-5	Ethyl Alcohol	400	360	90	60-130

Blank Spike Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN98-BS	N03300.D	1	12/01/08	TF	n/a	n/a	VN98

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
637-92-3	Ethyl Tert Butyl Ether	20	19.0	95	60-130
591-78-6	2-Hexanone	80	69.7	87	60-130
87-68-3	Hexachlorobutadiene	20	19.6	98	60-130
98-82-8	Isopropylbenzene	20	19.7	99	60-130
99-87-6	p-Isopropyltoluene	20	18.6	93	60-130
108-10-1	4-Methyl-2-pentanone	80	70.6	88	60-130
74-83-9	Methyl bromide	20	20.3	102	60-130
74-87-3	Methyl chloride	20	12.4	62	60-130
74-95-3	Methylene bromide	20	20.2	101	60-130
75-09-2	Methylene chloride	20	17.7	89	60-130
78-93-3	Methyl ethyl ketone	80	68.8	86	60-130
1634-04-4	Methyl Tert Butyl Ether	20	18.5	93	60-130
91-20-3	Naphthalene	20	16.5	83	60-130
103-65-1	n-Propylbenzene	20	18.5	93	60-130
100-42-5	Styrene	20	19.9	100	60-130
994-05-8	Tert-Amyl Methyl Ether	20	19.6	98	60-130
75-65-0	Tert-Butyl Alcohol	100	80.5	81	60-130
630-20-6	1,1,1,2-Tetrachloroethane	20	19.7	99	60-130
71-55-6	1,1,1-Trichloroethane	20	19.5	98	60-130
79-34-5	1,1,2,2-Tetrachloroethane	20	18.4	92	60-130
79-00-5	1,1,2-Trichloroethane	20	18.7	94	60-130
87-61-6	1,2,3-Trichlorobenzene	20	18.3	92	60-130
96-18-4	1,2,3-Trichloropropane	20	19.0	95	60-130
120-82-1	1,2,4-Trichlorobenzene	20	18.5	93	60-130
95-63-6	1,2,4-Trimethylbenzene	20	18.6	93	60-130
108-67-8	1,3,5-Trimethylbenzene	20	18.7	94	60-130
127-18-4	Tetrachloroethylene	20	17.0	85	60-130
108-88-3	Toluene	20	18.0	90	60-130
79-01-6	Trichloroethylene	20	19.3	97	60-130
75-69-4	Trichlorofluoromethane	20	16.0	80	60-130
75-01-4	Vinyl chloride	20	16.0	80	60-130
1330-20-7	Xylene (total)	60	57.7	96	60-130

Blank Spike Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN98-BS	N03300.D	1	12/01/08	TF	n/a	n/a	VN98

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	100%	60-130%
2037-26-5	Toluene-D8	96%	60-130%
460-00-4	4-Bromofluorobenzene	102%	60-130%

Blank Spike Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VN98-BS	N03301.D	1	12/01/08	TF	n/a	n/a	VN98

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	Limits
	TPH-GRO (C6-C10)	125	123	98	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	99%	60-130%
2037-26-5	Toluene-D8	99%	60-130%
460-00-4	4-Bromofluorobenzene	99%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C3173-2MS	N03338.D	1	12/02/08	TF	n/a	n/a	VN99
C3173-2MSD	N03339.D	1	12/02/08	TF	n/a	n/a	VN99
C3173-2	N03335.D	1	12/02/08	TF	n/a	n/a	VN99

4.3
4

The QC reported here applies to the following samples:

Method: SW846 8260B BY SIM

C3173-1, C3173-2

CAS No.	Compound	C3173-2 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
123-91-1	1,4-Dioxane	ND	10	10.0	100	9.9	99	1	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C3208-1MS	N03309.D	1	12/01/08	TF	n/a	n/a	VN98
C3208-1MSD	N03310.D	1	12/01/08	TF	n/a	n/a	VN98
C3208-1	N03308.D	1	12/01/08	TF	n/a	n/a	VN98

4.3
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Compound	C3208-1 ug/l	Spike Q ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	80	68.2	85	72.0	90	5	60-130/25
71-43-2	Benzene	ND	20	19.8	99	20.2	101	2	60-130/25
108-86-1	Bromobenzene	ND	20	19.4	97	19.9	100	3	60-130/25
74-97-5	Bromochloromethane	ND	20	18.8	94	19.4	97	3	60-130/25
75-27-4	Bromodichloromethane	ND	20	19.0	95	19.7	99	4	60-130/25
75-25-2	Bromoform	ND	20	15.5	78	17.0	85	9	60-130/25
104-51-8	n-Butylbenzene	ND	20	20.4	102	19.9	100	2	60-130/25
135-98-8	sec-Butylbenzene	ND	20	20.7	104	20.3	102	2	60-130/25
98-06-6	tert-Butylbenzene	ND	20	20.2	101	19.7	99	3	60-130/25
108-90-7	Chlorobenzene	ND	20	19.0	95	19.7	99	4	60-130/25
75-00-3	Chloroethane	ND	20	20.4	102	19.7	99	3	60-130/25
67-66-3	Chloroform	ND	20	20.4	102	20.7	104	1	60-130/25
95-49-8	o-Chlorotoluene	ND	20	19.8	99	20.2	101	2	60-130/25
106-43-4	p-Chlorotoluene	ND	20	21.1	106	20.9	105	1	60-130/25
56-23-5	Carbon tetrachloride	ND	20	18.4	92	18.7	94	2	60-130/25
75-34-3	1,1-Dichloroethane	ND	20	19.9	100	20.4	102	2	60-130/25
75-35-4	1,1-Dichloroethylene	ND	20	18.1	91	18.1	91	0	60-130/25
563-58-6	1,1-Dichloropropene	ND	20	19.4	97	19.6	98	1	60-130/25
96-12-8	1,2-Dibromo-3-chloropropane	ND	20	17.6	88	19.5	98	10	60-130/25
106-93-4	1,2-Dibromoethane	ND	20	17.9	90	19.5	98	9	60-130/25
107-06-2	1,2-Dichloroethane	ND	20	18.0	90	19.0	95	5	60-130/25
78-87-5	1,2-Dichloropropane	ND	20	20.5	103	21.3	107	4	60-130/25
142-28-9	1,3-Dichloropropane	ND	20	18.2	91	19.7	99	8	60-130/25
108-20-3	Di-Isopropyl ether	ND	20	22.0	110	22.5	113	2	60-130/25
594-20-7	2,2-Dichloropropane	ND	20	21.2	106	21.2	106	0	60-130/25
124-48-1	Dibromochloromethane	ND	20	18.8	94	19.9	100	6	60-130/25
75-71-8	Dichlorodifluoromethane	ND	20	15.2	76	14.7	74	3	60-130/25
156-59-2	cis-1,2-Dichloroethylene	ND	20	20.2	101	20.6	103	2	60-130/25
10061-01-5	cis-1,3-Dichloropropene	ND	20	20.3	102	21.3	107	5	60-130/25
541-73-1	m-Dichlorobenzene	ND	20	19.4	97	19.8	99	2	60-130/25
95-50-1	o-Dichlorobenzene	ND	20	19.0	95	19.6	98	3	60-130/25
106-46-7	p-Dichlorobenzene	ND	20	19.0	95	19.4	97	2	60-130/25
156-60-5	trans-1,2-Dichloroethylene	ND	20	19.5	98	19.7	99	1	60-130/25
10061-02-6	trans-1,3-Dichloropropene	ND	20	19.4	97	20.5	103	6	60-130/25
100-41-4	Ethylbenzene	ND	20	19.2	96	19.8	99	3	60-130/25
64-17-5	Ethyl Alcohol	ND	400	380	95	424	106	11	60-130/25

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C3208-1MS	N03309.D	1	12/01/08	TF	n/a	n/a	VN98
C3208-1MSD	N03310.D	1	12/01/08	TF	n/a	n/a	VN98
C3208-1	N03308.D	1	12/01/08	TF	n/a	n/a	VN98

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Compound	C3208-1 ug/l	Spike Q	ug/l	MS ug/l	MS %	MSD ug/l	MSD %	RPD	Limits Rec/RPD
637-92-3	Ethyl Tert Butyl Ether	ND		20	20.0	100	20.9	105	4	60-130/25
591-78-6	2-Hexanone	ND		80	66.8	84	74.9	94	11	60-130/25
87-68-3	Hexachlorobutadiene	ND		20	19.4	97	18.7	94	4	60-130/25
98-82-8	Isopropylbenzene	ND		20	19.2	96	19.5	98	2	60-130/25
99-87-6	p-Isopropyltoluene	ND		20	20.3	102	19.8	99	2	60-130/25
108-10-1	4-Methyl-2-pentanone	ND		80	68.3	85	76.2	95	11	60-130/25
74-83-9	Methyl bromide	ND		20	23.4	117	22.9	115	2	60-130/25
74-87-3	Methyl chloride	0.64	J	20	15.4	74	15.3	73	1	60-130/25
74-95-3	Methylene bromide	ND		20	19.4	97	20.3	102	5	60-130/25
75-09-2	Methylene chloride	ND		20	18.6	93	19.1	96	3	60-130/25
78-93-3	Methyl ethyl ketone	ND		80	68.6	86	75.8	95	10	60-130/25
1634-04-4	Methyl Tert Butyl Ether	ND		20	19.2	96	20.3	102	6	60-130/25
91-20-3	Naphthalene	ND		20	15.1	76	16.1	81	6	60-130/25
103-65-1	n-Propylbenzene	ND		20	20.7	104	20.6	103	0	60-130/25
100-42-5	Styrene	ND		20	19.0	95	19.0	95	0	60-130/25
994-05-8	Tert-Amyl Methyl Ether	ND		20	20.5	103	21.6	108	5	60-130/25
75-65-0	Tert-Butyl Alcohol	ND		100	82.5	83	91.7	92	11	60-130/25
630-20-6	1,1,1,2-Tetrachloroethane	ND		20	18.5	93	19.2	96	4	60-130/25
71-55-6	1,1,1-Trichloroethane	ND		20	19.6	98	19.7	99	1	60-130/25
79-34-5	1,1,2,2-Tetrachloroethane	ND		20	19.5	98	21.0	105	7	60-130/25
79-00-5	1,1,2-Trichloroethane	ND		20	18.4	92	19.7	99	7	60-130/25
87-61-6	1,2,3-Trichlorobenzene	ND		20	16.6	83	17.1	86	3	60-130/25
96-18-4	1,2,3-Trichloropropane	ND		20	17.7	89	19.5	98	10	60-130/25
120-82-1	1,2,4-Trichlorobenzene	ND		20	17.4	87	17.9	90	3	60-130/25
95-63-6	1,2,4-Trimethylbenzene	ND		20	19.9	100	19.4	97	3	60-130/25
108-67-8	1,3,5-Trimethylbenzene	ND		20	20.4	102	20.0	100	2	60-130/25
127-18-4	Tetrachloroethylene	ND		20	16.0	80	16.2	81	1	60-130/25
108-88-3	Toluene	ND		20	18.7	94	19.2	96	3	60-130/25
79-01-6	Trichloroethylene	ND		20	19.7	99	20.1	101	2	60-130/25
75-69-4	Trichlorofluoromethane	ND		20	17.3	87	16.4	82	5	60-130/25
75-01-4	Vinyl chloride	ND		20	16.1	81	15.2	76	6	60-130/25
1330-20-7	Xylene (total)	ND		60	56.5	94	57.7	96	2	60-130/25

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C3208-1MS	N03309.D	1	12/01/08	TF	n/a	n/a	VN98
C3208-1MSD	N03310.D	1	12/01/08	TF	n/a	n/a	VN98
C3208-1	N03308.D	1	12/01/08	TF	n/a	n/a	VN98

4.3
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3173-1, C3173-2, C3173-3

CAS No.	Surrogate Recoveries	MS	MSD	C3208-1	Limits
1868-53-7	Dibromofluoromethane	99%	99%	99%	60-130%
2037-26-5	Toluene-D8	99%	100%	98%	60-130%
460-00-4	4-Bromofluorobenzene	98%	100%	104%	60-130%



IT'S ALL IN THE CHEMISTRY

GC/MS Semi-volatiles

5

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP542-MB	P913.D	1	12/02/08	LY	12/01/08	OP542	EP62

The QC reported here applies to the following samples:

Method: SW846 8270C

C3173-1, C3173-2

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	20	5.0	ug/l	
95-57-8	2-Chlorophenol	ND	10	5.0	ug/l	
59-50-7	4-Chloro-3-methyl phenol	ND	15	6.0	ug/l	
120-83-2	2,4-Dichlorophenol	ND	15	5.0	ug/l	
105-67-9	2,4-Dimethylphenol	ND	10	5.0	ug/l	
51-28-5	2,4-Dinitrophenol	ND	20	3.0	ug/l	
534-52-1	4,6-Dinitro-o-cresol	ND	20	2.0	ug/l	
95-48-7	2-Methylphenol	ND	10	5.0	ug/l	
	3&4-Methylphenol	ND	10	4.0	ug/l	
88-75-5	2-Nitrophenol	ND	15	5.0	ug/l	
100-02-7	4-Nitrophenol	ND	10	1.0	ug/l	
87-86-5	Pentachlorophenol	ND	10	3.0	ug/l	
108-95-2	Phenol	ND	10	3.0	ug/l	
95-95-4	2,4,5-Trichlorophenol	ND	15	6.0	ug/l	
88-06-2	2,4,6-Trichlorophenol	ND	15	6.0	ug/l	
83-32-9	Acenaphthene	ND	10	5.0	ug/l	
208-96-8	Acenaphthylene	ND	15	5.0	ug/l	
62-53-3	Aniline	ND	10	5.0	ug/l	
120-12-7	Anthracene	ND	10	4.0	ug/l	
103-33-3	Azobenzene	ND	10	5.0	ug/l	
92-87-5	Benzidine	ND	20	6.0	ug/l	
56-55-3	Benzo(a)anthracene	ND	10	2.0	ug/l	
50-32-8	Benzo(a)pyrene	ND	10	2.0	ug/l	
205-99-2	Benzo(b)fluoranthene	ND	10	2.0	ug/l	
191-24-2	Benzo(g,h,i)perylene	ND	10	2.0	ug/l	
207-08-9	Benzo(k)fluoranthene	ND	10	2.0	ug/l	
101-55-3	4-Bromophenyl phenyl ether	ND	15	6.0	ug/l	
85-68-7	Butyl benzyl phthalate	ND	10	3.0	ug/l	
100-51-6	Benzyl Alcohol	ND	10	5.0	ug/l	
91-58-7	2-Chloronaphthalene	ND	10	5.0	ug/l	
106-47-8	4-Chloroaniline	ND	10	5.0	ug/l	
86-74-8	Carbazole	ND	10	3.0	ug/l	
218-01-9	Chrysene	ND	10	2.0	ug/l	
111-91-1	bis(2-Chloroethoxy)methane	ND	15	5.0	ug/l	
111-44-4	bis(2-Chloroethyl)ether	ND	10	4.0	ug/l	
108-60-1	bis(2-Chloroisopropyl)ether	ND	10	4.0	ug/l	

5.1
5

Method Blank Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP542-MB	P913.D	1	12/02/08	LY	12/01/08	OP542	EP62

The QC reported here applies to the following samples:

Method: SW846 8270C

C3173-1, C3173-2

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	15	6.0	ug/l	
95-50-1	1,2-Dichlorobenzene	ND	10	4.0	ug/l	
541-73-1	1,3-Dichlorobenzene	ND	10	4.0	ug/l	
106-46-7	1,4-Dichlorobenzene	ND	10	4.0	ug/l	
121-14-2	2,4-Dinitrotoluene	ND	10	5.0	ug/l	
606-20-2	2,6-Dinitrotoluene	ND	15	6.0	ug/l	
91-94-1	3,3'-Dichlorobenzidine	ND	10	5.0	ug/l	
53-70-3	Dibenzo(a,h)anthracene	ND	10	2.0	ug/l	
132-64-9	Dibenzofuran	ND	15	5.0	ug/l	
122-39-4	Diphenylamine	ND	15	5.0	ug/l	
84-74-2	Di-n-butyl phthalate	ND	10	3.0	ug/l	
117-84-0	Di-n-octyl phthalate	ND	10	3.0	ug/l	
84-66-2	Diethyl phthalate	ND	10	5.0	ug/l	
131-11-3	Dimethyl phthalate	ND	10	4.0	ug/l	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	10	3.0	ug/l	
206-44-0	Fluoranthene	ND	10	3.0	ug/l	
86-73-7	Fluorene	ND	15	6.0	ug/l	
118-74-1	Hexachlorobenzene	ND	15	5.0	ug/l	
87-68-3	Hexachlorobutadiene	ND	20	4.0	ug/l	
77-47-4	Hexachlorocyclopentadiene	ND	10	3.0	ug/l	
67-72-1	Hexachloroethane	ND	10	4.0	ug/l	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	10	2.0	ug/l	
78-59-1	Isophorone	ND	15	5.0	ug/l	
90-12-0	1-Methylnaphthalene	ND	10	5.0	ug/l	
91-57-6	2-Methylnaphthalene	ND	10	5.0	ug/l	
88-74-4	2-Nitroaniline	ND	15	6.0	ug/l	
99-09-2	3-Nitroaniline	ND	10	5.0	ug/l	
100-01-6	4-Nitroaniline	ND	10	4.0	ug/l	
91-20-3	Naphthalene	ND	10	5.0	ug/l	
98-95-3	Nitrobenzene	ND	10	5.0	ug/l	
62-75-9	N-Nitrosodimethylamine	ND	20	3.0	ug/l	
621-64-7	N-Nitroso-di-n-propylamine	ND	10	5.0	ug/l	
85-01-8	Phenanthrene	ND	10	5.0	ug/l	
129-00-0	Pyrene	ND	10	3.0	ug/l	
110-86-1	Pyridine	ND	20	2.0	ug/l	
120-82-1	1,2,4-Trichlorobenzene	ND	10	4.0	ug/l	

5.1
5

Method Blank Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP542-MB	P913.D	1	12/02/08	LY	12/01/08	OP542	EP62

The QC reported here applies to the following samples:

Method: SW846 8270C

C3173-1, C3173-2

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	43%	10-100%
4165-62-2	Phenol-d5	29%	7-100%
118-79-6	2,4,6-Tribromophenol	73%	25-115%
4165-60-0	Nitrobenzene-d5	74%	25-100%
321-60-8	2-Fluorobiphenyl	70%	25-106%
1718-51-0	Terphenyl-d14	86%	35-130%

5.1
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP542-BS	P914.D	1	12/02/08	LY	12/01/08	OP542	EP62
OP542-BSD	P915.D	1	12/02/08	LY	12/01/08	OP542	EP62

The QC reported here applies to the following samples:

Method: SW846 8270C

C3173-1, C3173-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic Acid	50	18.0	36	18.2	36	1	10-100/30
95-57-8	2-Chlorophenol	25	16.0	64	16.4	66	2	23-103/30
59-50-7	4-Chloro-3-methyl phenol	25	17.6	70	17.0	68	3	17-130/30
120-83-2	2,4-Dichlorophenol	25	19.1	76	17.6	70	8	23-108/30
105-67-9	2,4-Dimethylphenol	25	16.8	67	17.1	68	2	17-91/30
51-28-5	2,4-Dinitrophenol	25	15.9	64	16.3	65	2	17-111/30
534-52-1	4,6-Dinitro-o-cresol	25	19.0	76	17.7	71	7	22-115/30
95-48-7	2-Methylphenol	25	14.2	57	15.7	63	10	25-101/30
	3&4-Methylphenol	25	13.6	54	14.6	58	7	22-105/30
88-75-5	2-Nitrophenol	25	19.5	78	17.9	72	9	19-111/30
100-02-7	4-Nitrophenol	25	9.3	37	8.5	34	9	13-130/30
87-86-5	Pentachlorophenol	25	18.1	72	15.8	63	14	24-130/30
108-95-2	Phenol	25	7.0	28	7.4	30	6	5-130/30
95-95-4	2,4,5-Trichlorophenol	25	18.8	75	17.7	71	6	19-106/30
88-06-2	2,4,6-Trichlorophenol	25	18.2	73	18.8	75	3	18-107/30
83-32-9	Acenaphthene	25	15.9	64	16.6	66	4	25-130/30
208-96-8	Acenaphthylene	25	16.7	67	17.8	71	6	28-105/30
62-53-3	Aniline	25	12.1	48	12.3	49	2	23-98/30
120-12-7	Anthracene	25	19.4	78	18.8	75	3	35-108/30
103-33-3	Azobenzene	25	19.1	76	18.8	75	2	31-110/30
92-87-5	Benzidine	50	25.7	51	29.6	59	14	15-73/30
56-55-3	Benzo(a)anthracene	25	23.1	92	22.5	90	3	33-111/30
50-32-8	Benzo(a)pyrene	25	21.0	84	20.5	82	2	32-106/30
205-99-2	Benzo(b)fluoranthene	25	25.0	100	22.6	90	10	33-109/30
191-24-2	Benzo(g,h,i)perylene	25	25.2	101	24.0	96	5	31-111/30
207-08-9	Benzo(k)fluoranthene	25	18.9	76	19.3	77	2	34-111/30
101-55-3	4-Bromophenyl phenyl ether	25	17.3	69	17.3	69	0	34-107/30
85-68-7	Butyl benzyl phthalate	25	20.4	82	21.8	87	7	29-114/30
100-51-6	Benzyl Alcohol	25	11.8	47	12.3	49	4	24-108/30
91-58-7	2-Chloronaphthalene	25	15.1	60	16.9	68	11	23-130/30
106-47-8	4-Chloroaniline	25	16.5	66	17.4	70	5	23-103/30
86-74-8	Carbazole	25	22.2	89	20.4	82	8	36-109/30
218-01-9	Chrysene	25	24.6	98	24.7	99	0	34-111/30
111-91-1	bis(2-Chloroethoxy)methane	25	16.8	67	17.7	71	5	28-101/30
111-44-4	bis(2-Chloroethyl)ether	25	16.9	68	17.0	68	1	31-108/30
108-60-1	bis(2-Chloroisopropyl)ether	25	13.6	54	14.9	60	9	33-106/30

5.2
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP542-BS	P914.D	1	12/02/08	LY	12/01/08	OP542	EP62
OP542-BSD	P915.D	1	12/02/08	LY	12/01/08	OP542	EP62

The QC reported here applies to the following samples:

Method: SW846 8270C

C3173-1, C3173-2

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	25	17.4	70	16.7	67	4	31-107/30
95-50-1	1,2-Dichlorobenzene	25	11.2	45	11.8	47	5	21-102/30
541-73-1	1,3-Dichlorobenzene	25	14.5	58	14.1	56	3	28-100/30
106-46-7	1,4-Dichlorobenzene	25	13.8	55	14.0	56	1	24-130/30
121-14-2	2,4-Dinitrotoluene	25	20.0	80	17.4	70	14	26-130/30
606-20-2	2,6-Dinitrotoluene	25	16.9	68	17.7	71	5	28-104/30
91-94-1	3,3'-Dichlorobenzidine	50	43.8	88	47.2	94	7	27-105/30
53-70-3	Dibenzo(a,h)anthracene	25	25.1	100	23.1	92	8	32-112/30
132-64-9	Dibenzofuran	25	16.3	65	17.2	69	5	31-108/30
122-39-4	Diphenylamine	25	17.5	70	17.8	71	2	27-110/30
84-74-2	Di-n-butyl phthalate	25	21.3	85	19.4	78	9	32-109/30
117-84-0	Di-n-octyl phthalate	25	24.7	99	24.0	96	3	30-120/30
84-66-2	Diethyl phthalate	25	14.3	57	15.2	61	6	32-109/30
131-11-3	Dimethyl phthalate	25	6.6	26* a	7.6	30* a	14	33-106/30
117-81-7	bis(2-Ethylhexyl)phthalate	25	27.2	109	26.8	107	1	29-116/30
206-44-0	Fluoranthene	25	21.9	88	19.8	79	10	35-114/30
86-73-7	Fluorene	25	17.6	70	17.6	70	0	31-106/30
118-74-1	Hexachlorobenzene	25	17.5	70	16.6	66	5	32-107/30
87-68-3	Hexachlorobutadiene	25	14.6	58	15.0	60	3	28-107/30
77-47-4	Hexachlorocyclopentadiene	25	7.3	29	9.6	38	27	19-94/30
67-72-1	Hexachloroethane	25	13.7	55	14.5	58	6	25-101/30
193-39-5	Indeno(1,2,3-cd)pyrene	25	28.3	113	27.5	110	3	31-113/30
78-59-1	Isophorone	25	19.2	77	19.6	78	2	26-111/30
90-12-0	1-Methylnaphthalene	25	15.7	63	17.2	69	9	22-102/30
91-57-6	2-Methylnaphthalene	25	17.0	68	17.4	70	2	26-112/30
88-74-4	2-Nitroaniline	25	22.3	89	21.3	85	5	30-109/30
99-09-2	3-Nitroaniline	25	20.3	81	20.1	80	1	22-107/30
100-01-6	4-Nitroaniline	25	22.1	88	19.8	79	11	29-111/30
91-20-3	Naphthalene	25	16.1	64	16.1	64	0	20-104/30
98-95-3	Nitrobenzene	25	18.4	74	18.1	72	2	22-105/30
62-75-9	N-Nitrosodimethylamine	25	15.1	60	14.2	57	6	20-71/30
621-64-7	N-Nitroso-di-n-propylamine	25	17.1	68	19.6	78	14	16-130/30
85-01-8	Phenanthrene	25	19.3	77	18.9	76	2	35-108/30
129-00-0	Pyrene	25	25.3	101	25.2	101	0	35-130/30
110-86-1	Pyridine	25	10.0	40	9.3	37	7	15-77/30
120-82-1	1,2,4-Trichlorobenzene	25	15.7	63	16.6	66	6	15-130/30

5.2
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP542-BS	P914.D	1	12/02/08	LY	12/01/08	OP542	EP62
OP542-BSD	P915.D	1	12/02/08	LY	12/01/08	OP542	EP62

The QC reported here applies to the following samples:

Method: SW846 8270C

C3173-1, C3173-2

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	48%	49%	10-100%
4165-62-2	Phenol-d5	31%	32%	7-100%
118-79-6	2,4,6-Tribromophenol	84%	81%	25-115%
4165-60-0	Nitrobenzene-d5	72%	76%	25-100%
321-60-8	2-Fluorobiphenyl	65%	66%	25-106%
1718-51-0	Terphenyl-d14	83%	87%	35-130%

(a) Outside lab control limits.

5.2
5



GC Semi-volatiles



QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP541-MB	OO2187.D	1	12/01/08	NB	12/01/08	OP541	G0079

The QC reported here applies to the following samples:

Method: SW846 8082

C3173-1, C3173-2

6.1
6

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	0.10	0.020	ug/l	
11104-28-2	Aroclor 1221	ND	0.10	0.050	ug/l	
11141-16-5	Aroclor 1232	ND	0.10	0.050	ug/l	
53469-21-9	Aroclor 1242	ND	0.10	0.050	ug/l	
12672-29-6	Aroclor 1248	ND	0.10	0.050	ug/l	
11097-69-1	Aroclor 1254	ND	0.10	0.050	ug/l	
11096-82-5	Aroclor 1260	ND	0.10	0.030	ug/l	

CAS No.	Surrogate Recoveries	Result	Limits
877-09-8	Tetrachloro-m-xylene	78%	41-134%
877-09-8	Tetrachloro-m-xylene	79%	41-134%
2051-24-3	Decachlorobiphenyl	83%	41-134%
2051-24-3	Decachlorobiphenyl	79%	41-134%

Method Blank Summary

Job Number: C3173
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP543-MB	GG2536.D	1	12/01/08	JH	12/01/08	OP543	GGG104

The QC reported here applies to the following samples:

Method: SW846 8015B M

C3173-1, C3173-2

6.1
6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (Diesel)	ND	0.10	0.050	mg/l	
	TPH (Motor Oil)	ND	0.20	0.10	mg/l	
	TPH (Mineral Spirits)	ND	0.10	0.050	mg/l	
	TPH (Kerosene)	ND	0.10	0.050	mg/l	

CAS No.	Surrogate Recoveries	Result	Limits
630-01-3	Hexacosane	82%	45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP541-BS	OO2188.D	1	12/01/08	NB	12/01/08	OP541	G0079
OP541-BSD	OO2189.D	1	12/01/08	NB	12/01/08	OP541	G0079

The QC reported here applies to the following samples:

Method: SW846 8082

C3173-1, C3173-2

6.2
6

CAS No.	Compound	Spike ug/l	BSP ug/l	BSP %	BSD ug/l	BSD %	RPD	Limits Rec/RPD
53469-21-9	Aroclor 1242	0.4	0.33	83	0.33	83	0	40-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	77%	77%	41-134%
877-09-8	Tetrachloro-m-xylene	80%	82%	41-134%
2051-24-3	Decachlorobiphenyl	85%	89%	41-134%
2051-24-3	Decachlorobiphenyl	83%	88%	41-134%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3173
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP543-BS	GG2537.D	1	12/01/08	JH	12/01/08	OP543	GGG104
OP543-BSD	GG2538.D	1	12/01/08	JH	12/01/08	OP543	GGG104

The QC reported here applies to the following samples:

Method: SW846 8015B M

C3173-1, C3173-2

CAS No.	Compound	Spike mg/l	BSP mg/l	BSP %	BSD mg/l	BSD %	RPD	Limits Rec/RPD
	TPH (Diesel)	1	0.687	69	0.728	73	6	45-140/30
	TPH (Motor Oil)	1	0.719	72	0.741	74	3	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	72%	74%	45-140%

6.2
6



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C3173
Account: ERMCAWC - ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP651
Matrix Type: AQUEOUS

Methods: SW846 6010B
Units: ug/l

Prep Date: 12/02/08

Metal	RL	IDL	MB raw	final
Aluminum	50	13		
Antimony	10	6.7		
Arsenic	10	9.6		
Barium	5.0	.2		
Beryllium	5.0	.4		
Boron	10	7		
Cadmium	2.0	.3	0.0	<2.0
Calcium	50	5.2		
Chromium	5.0	.5	0.50	<5.0
Cobalt	5.0	.4		
Copper	5.0	.7		
Iron	50	3.3		
Lead	5.0	2.4	1.5	<5.0
Lithium	10	1.9		
Magnesium	50	13		
Manganese	5.0	1.2		
Molybdenum	5.0	1.3		
Nickel	5.0	.9	-0.30	<5.0
Potassium	500	51		
Selenium	20	9.8		
Silicon	50	14		
Silver	5.0	.8		
Sodium	100	16		
Strontium	10	.2		
Thallium	20	4		
Tin	50	2.6		
Titanium	2.0	.2		
Vanadium	5.0	.2		
Zinc	10	3.5	-2.2	<10

Associated samples MP651: C3173-1F, C3173-2F

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C3173
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP651
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

Metal	C3173-1F Original MS		Spikelot MPIR1	% Rec	QC Limits
Aluminum					
Antimony					
Arsenic					
Barium					
Beryllium					
Boron					
Cadmium	28.9	530	500	100.2	80-120
Calcium					
Chromium	3.8	515	500	102.2	80-120
Cobalt					
Copper					
Iron					
Lead	4.8	529	500	104.8	80-120
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel	14.1	518	500	100.8	80-120
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium					
Zinc	45700	46500	500	160.0(a)	80-120

Associated samples MP651: C3173-1F, C3173-2F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C3173
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP651
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

Metal	C3173-1F Original MSD	Spikelot MFIR1	% Rec	MSD RPD	QC Limit	
Aluminum						
Antimony						
Arsenic						
Barium						
Beryllium						
Boron						
Cadmium	28.9	530	500	100.2	0.0	20
Calcium						
Chromium	3.8	517	500	102.6	0.4	20
Cobalt						
Copper						
Iron						
Lead	4.8	525	500	104.0	0.8	20
Lithium						
Magnesium						
Manganese						
Molybdenum						
Nickel	14.1	519	500	101.0	0.2	20
Potassium						
Selenium						
Silicon						
Silver						
Sodium						
Strontium						
Thallium						
Tin						
Titanium						
Vanadium						
Zinc	45700	46700	500	200.0(a)	0.4	20

Associated samples MP651: C3173-1F, C3173-2F

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike amount low relative to the sample amount. Refer to lab control or spike blank for recovery information.

7.1.2
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C3173
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP651
 Matrix Type: AQUEOUS

Methods: SW846 6010E
 Units: ug/l

Prep Date: 12/02/08 12/02/08

Metal	BSP Result	Spikelot MPIR1	% Rec	QC Limits	BSD Result	Spikelot MPIR1	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony									
Arsenic									
Barium									
Beryllium									
Boron									
Cadmium	494	500	98.8	80-120	489	500	97.8	1.0	
Calcium									
Chromium	514	500	102.8	80-120	511	500	102.2	0.6	
Cobalt									
Copper									
Iron									
Lead	520	500	104.0	80-120	517	500	103.4	0.6	
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel	510	500	102.0	80-120	506	500	101.2	0.8	
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium									
Zinc	489	500	97.8	80-120	487	500	97.4	0.4	

Associated samples MP651: C3173-1F, C3173-2F

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.1.3
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: C3173
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP651
 Matrix Type: AQUEOUS

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/02/08

Metal	C3173-1F Original SDL 1:5	%DIF	QC Limits
-------	------------------------------	------	--------------

Aluminum				
Antimony				
Arsenic				
Barium				
Beryllium				
Boron				
Cadmium	28.9	28.0	3.1	0-10
Calcium				
Chromium	3.80	2.50	34.2 (a)	0-10
Cobalt				
Copper				
Iron				
Lead	4.80	15.5	222.9(a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel	14.1	12.0	14.9 (a)	0-10
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium				
Zinc	45700	45400	0.5	0-10

Associated samples MP651: C3173-1F, C3173-2F

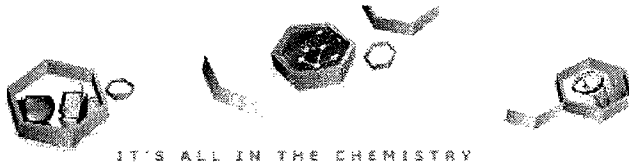
Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

7.14
7



IT'S ALL IN THE CHEMISTRY

General Chemistry

QC Data Summaries



Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: C3173
Account: ERMCAWC - ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
HEM Oil and Grease	GP368/GN831	5.0	<5.0	mg/l	40	35.1	87.8	78-114%

Associated Samples:
Batch GP368: C3173-1, C3173-2
(*) Outside of QC limits

8.1



BLANK SPIKE DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: C3173
Account: ERMCACW - ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Analyte	Batch ID	Units	Spike Amount	BSD Result	RPD	QC Limit
HEM Oil and Grease	GP368/GN831	mg/l	40	35.7	1.7	18%

Associated Samples:
Batch GP368: C3173-1, C3173-2
(*) Outside of QC limits

8.2

8

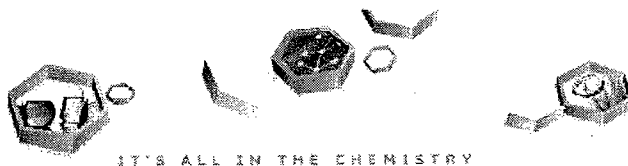
DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: C3173
Account: ERMCAWC - ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
HEM Oil and Grease	GP368/GN831	C3173-1	mg/l	<5.0	<5.0	0.0	0-18%

Associated Samples:
Batch GP368: C3173-1, C3173-2
(* Outside of QC limits





01/05/09

Technical Report for

ERM-West, Inc.

11759 Dublin Blvd, Dublin, CA

0089440

Accutest Job Number: C3343

Sampling Date: 12/10/08

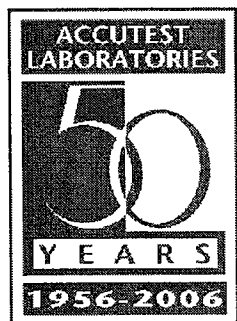


Report to:

ERM-West, Inc.
1777 Botelho Drive, Suite 260
Walnut Creek, CA 94596
doug.moberg@erm.com

ATTN: Doug Moberg

Total number of pages in report: 94



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Laurie Glantz-Murphy
Laboratory Director

Client Service contact: Laurie Glantz-Murphy 408-588-0200

Certifications: CA (08258CA)

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Test results relate only to samples analyzed.

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Sample Summary

ERM-West, Inc.

Job No: C3343

11759 Dublin Blvd, Dublin, CA
 Project No: 0089440

Sample Number	Collected Date	Time By	Received	Matrix Code	Type	Client Sample ID
C3343-1	12/10/08	09:55 DM	12/10/08	SO	Soil	TANK 2
C3343-2	12/10/08	10:10 DM	12/10/08	SO	Soil	TANK 1
C3343-3	12/10/08	10:40 DM	12/10/08	SO	Soil	TANK 3
C3343-4	12/10/08	10:55 DM	12/10/08	SO	Soil	CONCRETE VAULT
C3343-5	12/10/08	11:10 DM	12/10/08	SO	Soil	STOCKPILE EAST COMP
C3343-6	12/10/08	11:10 DM	12/10/08	SO	Soil	STOCKPILE MID COMP
C3343-7	12/10/08	11:10 DM	12/10/08	SO	Soil	STOCKPILE WEST COMP
C3343-7A	12/10/08	11:10 DM	12/22/08	SO	Soil	STOCKPILE WEST COMP

Soil samples reported on a dry weight basis unless otherwise indicated on result page.



IT'S ALL IN THE CHEMISTRY

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02789.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

Run #	Initial Weight
Run #1	5.04 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	99	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.99	ug/kg	
75-25-2	Bromoform	ND	5.0	0.99	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.99	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.99	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.99	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.99	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
123-91-1	1,4-Dioxane	ND	200	50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.99	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.99	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	12/10/08
Lab Sample ID:	C3343-1	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	99	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.99	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	0.99	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	9.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.99	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.99	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	99	50	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

2.1
2

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	103%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	100%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	12/10/08
Lab Sample ID:	C3343-1	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8270C SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X2003.D	1	12/11/08	LY	12/11/08	OP571	EX109
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 2	Date Sampled:	12/10/08
Lab Sample ID:	C3343-1	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8270C SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	
Lab Sample ID: C3343-1	Date Sampled: 12/10/08
Matrix: SO - Soil	Date Received: 12/10/08
Method: SW846 8270C SW846 3545A	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		20-100%
4165-62-2	Phenol-d5	73%		20-100%
118-79-6	2,4,6-Tribromophenol	63%		30-100%
4165-60-0	Nitrobenzene-d5	69%		20-100%
321-60-8	2-Fluorobiphenyl	67%		20-106%
1718-51-0	Terphenyl-d14	71%		55-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8082 SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2482.D	1	12/12/08	NB	12/10/08	OP569	G0089
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	86%		58-130%
877-09-8	Tetrachloro-m-xylene	86%		58-130%
2051-24-3	Decachlorobiphenyl	104%		58-130%
2051-24-3	Decachlorobiphenyl	105%		58-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 2	Date Sampled: 12/10/08
Lab Sample ID: C3343-1	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8015B M SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2701.D	1	12/12/08	JH	12/11/08	OP566	GGG112
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	9.9	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	90%		45-140%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

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2

Client Sample ID: TANK 2 Lab Sample ID: C3343-1 Matrix: SO - Soil Project: 11759 Dublin Blvd, Dublin, CA	Date Sampled: 12/10/08 Date Received: 12/10/08 Percent Solids: n/a ^a
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Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.93	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	32.4	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	6.6	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	30.3	0.93	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	46.5	1.9	mg/kg	1	12/11/08	12/15/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA418

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	TANK 1	Date Sampled:	12/10/08
Lab Sample ID:	C3343-2	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02790.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

Run #	Initial Weight
Run #1	5.03 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	99	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.99	ug/kg	
75-25-2	Bromoform	ND	5.0	0.99	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.99	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.99	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.99	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.99	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
123-91-1	1,4-Dioxane	ND	200	50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.99	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.99	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 1	Date Sampled:	12/10/08
Lab Sample ID:	C3343-2	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	99	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.99	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	0.99	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	9.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.99	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.99	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	99	50	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1 Lab Sample ID: C3343-2 Matrix: SO - Soil Method: SW846 8260B Project: 11759 Dublin Blvd, Dublin, CA	Date Sampled: 12/10/08 Date Received: 12/10/08 Percent Solids: n/a ^a
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VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	100%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected	MDL - Method Detection Limit	J = Indicates an estimated value
RL = Reporting Limit		B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range		N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 1	Date Sampled:	12/10/08
Lab Sample ID:	C3343-2	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8270C SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X2004.D	1	12/11/08	LY	12/11/08	OP571	EX109
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 1	Date Sampled:	12/10/08
Lab Sample ID:	C3343-2	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8270C SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 12/10/08
Lab Sample ID: C3343-2	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8270C SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	43%		20-100%
4165-62-2	Phenol-d5	50%		20-100%
118-79-6	2,4,6-Tribromophenol	53%		30-100%
4165-60-0	Nitrobenzene-d5	46%		20-100%
321-60-8	2-Fluorobiphenyl	46%		20-106%
1718-51-0	Terphenyl-d14	104%		55-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	
Lab Sample ID: C3343-2	Date Sampled: 12/10/08
Matrix: SO - Soil	Date Received: 12/10/08
Method: SW846 8082 SW846 3545A	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2483.D	1	12/12/08	NB	12/10/08	OP569	G0089
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	76%		58-130%
877-09-8	Tetrachloro-m-xylene	77%		58-130%
2051-24-3	Decachlorobiphenyl	89%		58-130%
2051-24-3	Decachlorobiphenyl	88%		58-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1	Date Sampled: 12/10/08
Lab Sample ID: C3343-2	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8015B M SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH1497.D	1	12/12/08	JH	12/11/08	OP566	GHH85
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	78%		45-140%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 1 Lab Sample ID: C3343-2 Matrix: SO - Soil Project: 11759 Dublin Blvd, Dublin, CA	Date Sampled: 12/10/08 Date Received: 12/10/08 Percent Solids: n/a ^a
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Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.95	0.95	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	31.4	0.95	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	7.0	0.95	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	30.6	0.95	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	48.5	1.9	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02791.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

	Initial Weight
Run #1	5.00 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
123-91-1	1,4-Dioxane	ND	200	50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 3	Date Sampled:	12/10/08
Lab Sample ID:	C3343-3	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	100	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
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J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	110%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	102%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8270C SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X2007.D	1	12/11/08	LY	12/11/08	OP571	EX109
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	

ND = Not detected MDL - Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	TANK 3	Date Sampled:	12/10/08
Lab Sample ID:	C3343-3	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8270C SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

2.3
2

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8270C SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	38%		20-100%
4165-62-2	Phenol-d5	44%		20-100%
118-79-6	2,4,6-Tribromophenol	45%		30-100%
4165-60-0	Nitrobenzene-d5	40%		20-100%
321-60-8	2-Fluorobiphenyl	39%		20-106%
1718-51-0	Terphenyl-d14	85%		55-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	Date Sampled: 12/10/08
Lab Sample ID: C3343-3	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8082 SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2484.D	1	12/12/08	NB	12/10/08	OP569	G0089
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	80%		58-130%
877-09-8	Tetrachloro-m-xylene	81%		58-130%
2051-24-3	Decachlorobiphenyl	91%		58-130%
2051-24-3	Decachlorobiphenyl	91%		58-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3	
Lab Sample ID: C3343-3	Date Sampled: 12/10/08
Matrix: SO - Soil	Date Received: 12/10/08
Method: SW846 8015B M SW846 3545A	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	HH1498.D	1	12/12/08	JH	12/11/08	OP566	GHH85
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	9.9	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	78%		45-140%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: TANK 3 Lab Sample ID: C3343-3 Matrix: SO - Soil Project: 11759 Dublin Blvd, Dublin, CA	Date Sampled: 12/10/08 Date Received: 12/10/08 Percent Solids: n/a ^a
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Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.93	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	31.0	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	8.4	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	30.9	0.93	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	52.8	1.9	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	CONCRETE VAULT	Date Sampled:	12/10/08
Lab Sample ID:	C3343-4	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

Run #1	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02792.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

Run #1	Initial Weight
Run #1	5.05 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	99	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.99	ug/kg	
75-25-2	Bromoform	ND	5.0	0.99	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.99	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.99	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	0.99	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.99	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
123-91-1	1,4-Dioxane	ND	200	50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.99	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	0.99	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CONCRETE VAULT	Date Sampled:	12/10/08
Lab Sample ID:	C3343-4	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	11759 Dublin Blvd, Dublin, CA		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	99	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	0.99	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	0.99	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	0.99	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	9.9	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.99	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.99	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.99	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	9.9	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	99	50	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: CONCRETE VAULT Lab Sample ID: C3343-4 Matrix: SO - Soil Method: SW846 8260B Project: 11759 Dublin Blvd, Dublin, CA	Date Sampled: 12/10/08 Date Received: 12/10/08 Percent Solids: n/a ^a
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VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	112%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: CONCRETE VAULT	
Lab Sample ID: C3343-4	Date Sampled: 12/10/08
Matrix: SO - Soil	Date Received: 12/10/08
Method: SW846 8270C SW846 3545A	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X2008.D	1	12/11/08	LY	12/11/08	OP571	EX109
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CONCRETE VAULT	Date Sampled:	12/10/08
Lab Sample ID:	C3343-4	Date Received:	12/10/08
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8270C SW846 3545A		
Project:	11759 Dublin Blvd, Dublin, CA		

ABN Full List

CAS No.	Compound	Result	RL	MDL	Units	Q
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: CONCRETE VAULT	Date Sampled: 12/10/08
Lab Sample ID: C3343-4	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8270C SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

ABN Full List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	30%		20-100%
4165-62-2	Phenol-d5	41%		20-100%
118-79-6	2,4,6-Tribromophenol	45%		30-100%
4165-60-0	Nitrobenzene-d5	23%		20-100%
321-60-8	2-Fluorobiphenyl	26%		20-106%
1718-51-0	Terphenyl-d14	100%		55-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	CONCRETE VAULT		
Lab Sample ID:	C3343-4	Date Sampled:	12/10/08
Matrix:	SO - Soil	Date Received:	12/10/08
Method:	SW846 8082 SW846 3545A	Percent Solids:	n/a ^a
Project:	11759 Dublin Blvd, Dublin, CA		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	OO2485.D	1	12/12/08	NB	12/10/08	OP569	G0089
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.0 g	10.0 ml
Run #2		

PCB List

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
877-09-8	Tetrachloro-m-xylene	77%		58-130%
877-09-8	Tetrachloro-m-xylene	78%		58-130%
2051-24-3	Decachlorobiphenyl	89%		58-130%
2051-24-3	Decachlorobiphenyl	89%		58-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: CONCRETE VAULT	Date Sampled: 12/10/08
Lab Sample ID: C3343-4	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8015B M SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2702.D	1	12/12/08	JH	12/11/08	OP566	GGG112
Run #2							

	Initial Weight	Final Volume
Run #1	10.0 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	77%		45-140%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: CONCRETE VAULT	Date Sampled: 12/10/08
Lab Sample ID: C3343-4	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.96	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	30.6	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	6.5	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	31.4	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	52.1	1.9	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID: STOCKPILE EAST COMP	Date Sampled: 12/10/08
Lab Sample ID: C3343-5	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02793.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.06 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	74	ug/kg	
108-88-3	Toluene	ND	250	74	ug/kg	
100-41-4	Ethylbenzene	ND	250	74	ug/kg	
1330-20-7	Xylene (total)	ND	490	200	ug/kg	
	TPH-GRO (C6-C10)	ND	4900	2500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	102%		60-130%
460-00-4	4-Bromofluorobenzene	103%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	STOCKPILE EAST COMP		
Lab Sample ID:	C3343-5	Date Sampled:	12/10/08
Matrix:	SO - Soil	Date Received:	12/10/08
Method:	SW846 8015B M SW846 3545A	Percent Solids:	n/a ^a
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2703.D	1	12/12/08	JH	12/11/08	OP566	GGG112
Run #2							

	Initial Weight	Final Volume
Run #1	10.5 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	9.5	4.8	mg/kg	
	TPH (> C28-C40) ^b	66.0	19	9.5	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	86%		45-140%

(a) All results reported on wet weight basis.
 (b) Motor Oil Pattern.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: STOCKPILE EAST COMP	Date Sampled: 12/10/08
Lab Sample ID: C3343-5	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.98	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	32.3	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	20.9	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	34.3	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	89.7	2.0	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID:	STOCKPILE MID COMP		
Lab Sample ID:	C3343-6	Date Sampled:	12/10/08
Matrix:	SO - Soil	Date Received:	12/10/08
Method:	SW846 8260B	Percent Solids:	n/a ^a
Project:	11759 Dublin Blvd, Dublin, CA		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02794.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.06 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	74	ug/kg	
108-88-3	Toluene	ND	250	74	ug/kg	
100-41-4	Ethylbenzene	ND	250	74	ug/kg	
1330-20-7	Xylene (total)	ND	490	200	ug/kg	
	TPH-GRO (C6-C10)	ND	4900	2500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	104%		60-130%
2037-26-5	Toluene-D8	101%		60-130%
460-00-4	4-Bromofluorobenzene	101%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: STOCKPILE MID COMP	Date Sampled: 12/10/08
Lab Sample ID: C3343-6	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8015B M SW846 3545A	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2705.D	10	12/12/08	JH	12/11/08	OP566	GGG112
Run #2							

Run #	Initial Weight	Final Volume
Run #1	10.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	98	49	mg/kg	
	TPH (> C28-C40) ^b	355	200	98	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	79%		45-140%

- (a) All results reported on wet weight basis.
- (b) Motor Oil Pattern.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: STOCKPILE MID COMP Lab Sample ID: C3343-6 Matrix: SO - Soil Project: 11759 Dublin Blvd, Dublin, CA	Date Sampled: 12/10/08 Date Received: 12/10/08 Percent Solids: n/a ^a
---	--

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.96	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	36.9	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	38.0	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	38.1	0.96	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	88.0	1.9	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

Client Sample ID: STOCKPILE WEST COMP	Date Sampled: 12/10/08
Lab Sample ID: C3343-7	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Method: SW846 8260B	
Project: 11759 Dublin Blvd, Dublin, CA	

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	O02795.D	1	12/10/08	MF	n/a	n/a	VO140
Run #2							

Run #	Initial Weight	Final Volume	Methanol Aliquot
Run #1	5.04 g	5.0 ml	100 ul
Run #2			

Purgeable Aromatics

CAS No.	Compound	Result	RL	MDL	Units	Q
71-43-2	Benzene	ND	250	74	ug/kg	
108-88-3	Toluene	ND	250	74	ug/kg	
100-41-4	Ethylbenzene	ND	250	74	ug/kg	
1330-20-7	Xylene (total)	ND	500	200	ug/kg	
	TPH-GRO (C6-C10)	ND	5000	2500	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		60-130%
2037-26-5	Toluene-D8	103%		60-130%
460-00-4	4-Bromofluorobenzene	104%		60-130%

(a) All results reported on wet weight basis.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

2.7
2

Client Sample ID: STOCKPILE WEST COMP	
Lab Sample ID: C3343-7	Date Sampled: 12/10/08
Matrix: SO - Soil	Date Received: 12/10/08
Method: SW846 8015B M SW846 3545A	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	GG2704.D	1	12/12/08	JH	12/11/08	OP566	GGG112
Run #2							

	Initial Weight	Final Volume
Run #1	10.1 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	9.9	5.0	mg/kg	
	TPH (> C28-C40) ^b	55.6	20	9.9	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	87%		45-140%

(a) All results reported on wet weight basis.

(b) Motor Oil Pattern.

ND = Not detected MDL - Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: STOCKPILE WEST COMP	Date Sampled: 12/10/08
Lab Sample ID: C3343-7	Date Received: 12/10/08
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 11759 Dublin Blvd, Dublin, CA	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Cadmium	< 0.98	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Chromium	36.3	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Lead	59.4	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Nickel	36.4	0.98	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²
Zinc	93.8	2.0	mg/kg	1	12/11/08	12/12/08 CT	SW846 6010B ¹	SW846 3050B ²

(1) Instrument QC Batch: MA417

(2) Prep QC Batch: MP679

(a) All results reported on wet weight basis.

RL = Reporting Limit

Report of Analysis

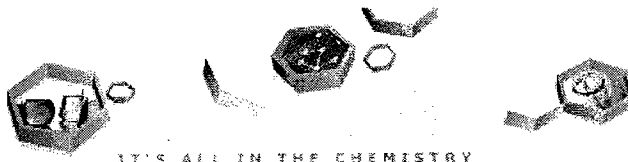
Client Sample ID:	STOCKPILE WEST COMP	Date Sampled:	12/10/08
Lab Sample ID:	C3343-7A	Date Received:	12/22/08
Matrix:	SO - Soil	Percent Solids:	n/a
Project:	11759 Dublin Blvd, Dublin, CA		

Metals Analysis, STLC Leachate CA WET

Analyte	Result	HW#	MCL	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Lead	1.8	D008		0.25	mg/l	5	01/02/09	01/02/09 CT	SW846 6010B ¹	SW3010A ²

(1) Instrument QC Batch: MA442
(2) Prep QC Batch: MP737

RL = Reporting Limit
MCL = Maximum Contamination Level (not available)



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Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

Environmental Resources Management

CHAIN OF CUSTODY RECORD
"ERMCAWCI559"

NO: 5724

1777 Botelho Drive, Suite 260 • Walnut Creek, CA • 94596 • (925) 946-0455 • FAX (925) 946-9968

C3343

Page 1 of 1

PROJECT #		PROJECT NAME		# OF CONTAINERS	MATRIX			REQUESTED PARAMETERS													
SAMPLER: (PRINT NAME)		(SIGNATURE)			SOIL	WATER	GAS														
RECEIVING LABORATORY																					
2082440		11759 Dublin Blvd - Dublin						TPH Extractables by 8015M (D+H) Oil & Grease by 1664A JH 1,4-Dioxane by 8260 51M LUFT 5 Metals PCBs 8082 BTEX, TPH, ED, B, E, C Chlorinated Hydrocarbons MTBE, TAME, EAFBE, DPE, TBA, EIDH PCE, PNA, Creosote TPH 8270 TPH 815TEX 8260													
Doug Moberg		Doug Moberg																			
Accutest - Santa Clara																					
SAMPLE I.D.	DATE	TIME	COMP	GRAB	SAMPLING METHOD	PRESERVATIVE	USE (Y/N)	SAMPLING VOLUME													
TANK 2	12/10/08	0953	X	Grab		-	Y	276" cans	X	X	X	X	X	X	X	X	X	X	X	X	-1
TANK 1		1010	X			-	Y		X	X	X	X	X	X	X	X	X	X	X	X	-2
TANK 3		1040	X			-	Y		X	X	X	X	X	X	X	X	X	X	X	X	-3
concrete vault stockpile East		1055	X			-	Y		X	X	X	X	X	X	X	X	X	X	X	X	-4
stockpile East		1110	X			-	Y		X	X	X	X	X	X	X	X	X	X	X	X	-5
stockpile Mid		1115	X			-	Y		X	X	X	X	X	X	X	X	X	X	X	X	-6
stockpile West		1120	X			-	Y		X	X	X	X	X	X	X	X	X	X	X	X	-7
Rec'd (20) 246 Brass Tacks w/ 2-6" Temp																					
RELINQUISHED BY (SIGNATURE)		DATE		TIME		RECEIVED BY		DATE		TIME		FIELD REMARKS									
Doug Moberg		12/10/08		1255		SEK		12/10/08		1255		USE Method 8260 For VOCs. Composite stockpile East containers composite stockpile Mid containers composite stockpile West containers									
RELINQUISHED BY (SIGNATURE)		DATE		TIME		RECEIVED BY		DATE		TIME											
RELINQUISHED BY (SIGNATURE)		DATE		TIME		RECEIVED BY		DATE		TIME											
REMARKS ON SAMPLE RECEIPT								ERM REMARKS								SEND REPORT TO:					
<input type="checkbox"/> BOTTLE INTACT <input type="checkbox"/> CUSTODY SEALS <input type="checkbox"/> CHILLED <input type="checkbox"/> PRESERVED <input type="checkbox"/> SEALS INTACT <input type="checkbox"/> SEE REMARKS																Doug Moberg					

2 DAYS

5 Day TAT

WHITE - LABORATORY COPY CANARY - FIELD COPY PINK - DATABASE GOLD - PROJECT FILE

Sample Receiving Checklist

Job # C3343

Review Chain of Custody: The Chain of Custody is to be completely and legibly filled out by Client.

- Are these regulatory (NPDES) samples? Yes / No circle one Is pH requested? Yes / No circle one
- Was Client informed that the hold time is 15mins Yes / No circle one If yes, did they consent to continue? _____
- Are sample within one-half hold-time? Yes / No circle one If no, was the lab informed? _____
- Report to info is complete and legible, including;
 - Type of Deliverable needed name address phone email
 - Bill to info is complete and legible, including: PO# Credit card contact address phone email
 - Contact and/or Project Mgr identified, including: phone email
 - Project name / number Special requirements? Yes / No circle one
 - Sample IDs / date & time of collection provided? Yes / No circle one
 - Matrix listed and correct? Yes / No circle one
 - Analyses listed are those we do or client has authorized a subcontract? Yes / No circle one
 - Chain is signed / dated by both client and sample custodian? Yes / No circle one
 - TAT requested available? Approved by ELK

Review Coolers:

- Samples / Coolers are at 0-6°C? 2.6°C If sampled within 4hrs, then "on ice" is acceptable.
- If a cooler is outside the 0-6°C range; note below the bottles in that cooler below.
- Note that ANC does NOT accept evidentiary samples. (We do not lock refrigerators)
- Shipment Method: walk in
- Custody Seals Present: Yes / No circle one Un-broken: Yes / No circle one

Review of Sample Bottles: If you answer no, explain below

- IDs / bottle number / Date / Time of bottle labels match CoC?
- Sample bottle intact? Yes / No circle one
- Proper containers and volumes? Yes / No circle one
- Proper preservatives? Check pH on preserved samples except 1664, 625, 8270, and VOAs and list below. N/A
- VOAs received without headspace? Yes / No circle one N/A

Lab #	Client Sample ID	pH Check:	Other Comments / Issues
			20 (2"x6") Brass Tubes

C3343: Chain of Custody
Page 2 of 3

- Client informed of irregularities at receiving
 - Project Mgr needs to contact Client for issues
- Comments:

:T:\Laboratory\Forms\SampleControlForm_SampleReceiving_2008-04-12.doc

Laurie Glantz-Murphy

From: Doug Moberg [Doug.Moberg@erm.com]
Sent: Monday, December 22, 2008 4:16 PM
To: Laurie Glantz-Murphy
Subject: STLC

Laurie:

Please run sample C3343-7 (Stockpile West Comp) for a STLC Pb on a standard turn. Let me know if you have any questions.

Thanks,

Doug Moberg, REA
Senior Scientist

ERM
1777 Botelho Drive,
Suite 260
Walnut Creek, CA 94596
T: +1 925 946 0455
T: +1 925 279 3223 (Direct)
F: +1 925 946 9968

This message contains information which may be confidential, proprietary, privileged, or otherwise protected by law from disclosure or use by a third party. If you have received this message in error, please contact us immediately at (925) 946-0455 and take the steps necessary to delete the message completely from your computer system. Thank you.

Please visit ERM's web site: <http://www.erm.com>

C3343: Chain of Custody
Page 3 of 3

12/22/2008



IT'S ALL IN THE CHEMISTRY

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO140-MB	O02788.D	1	12/10/08	MF	n/a	n/a	VO140

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	100	20	ug/kg	
71-43-2	Benzene	ND	5.0	1.5	ug/kg	
108-86-1	Bromobenzene	ND	5.0	1.5	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	1.5	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	1.0	ug/kg	
75-25-2	Bromoform	ND	5.0	1.0	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	1.5	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	1.5	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	1.5	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	1.5	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.5	ug/kg	
67-66-3	Chloroform	ND	5.0	1.5	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	1.5	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	1.5	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	1.0	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	1.0	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	1.5	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	1.5	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.0	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	1.0	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	1.5	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	1.5	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	1.5	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	1.5	ug/kg	
123-91-1	1,4-Dioxane	ND	200	50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	1.5	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	1.0	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	1.5	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	1.5	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	1.5	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	1.5	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	1.5	ug/kg	
64-17-5	Ethyl alcohol	ND	500	100	ug/kg	

Method Blank Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO140-MB	O02788.D	1	12/10/08	MF	n/a	n/a	VO140

4.1
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	Result	RL	MDL	Units	Q
100-41-4	Ethylbenzene	ND	5.0	1.5	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	1.5	ug/kg	
591-78-6	2-Hexanone	ND	40	5.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	1.5	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	1.5	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	40	15	ug/kg	
74-83-9	Methyl bromide	ND	5.0	2.5	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.5	ug/kg	
74-95-3	Methylene bromide	ND	5.0	2.5	ug/kg	
75-09-2	Methylene chloride	ND	25	16	ug/kg	
78-93-3	Methyl ethyl ketone	ND	40	12	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.5	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	1.5	ug/kg	
100-42-5	Styrene	ND	5.0	1.0	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	1.2	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	1.5	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	1.0	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	1.0	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	1.5	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.5	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	1.5	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.5	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.5	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	3.5	ug/kg	
108-88-3	Toluene	ND	5.0	1.5	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	1.0	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.2	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	2.5	ug/kg	
1330-20-7	Xylene (total)	ND	10	4.0	ug/kg	
	TPH-GRO (C6-C10)	ND	100	50	ug/kg	

Method Blank Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO140-MB	O02788.D	1	12/10/08	MF	n/a	n/a	VO140

4.1
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Surrogate Recoveries		Limits
1868-53-7	Dibromofluoromethane	107%	60-130%
2037-26-5	Toluene-D8	100%	60-130%
460-00-4	4-Bromofluorobenzene	102%	60-130%

Blank Spike Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO140-BS	O02785.D	1	12/10/08	MF	n/a	n/a	VO140

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	160	167	104	60-130
71-43-2	Benzene	40	34.5	86	60-130
108-86-1	Bromobenzene	40	33.6	84	60-130
74-97-5	Bromochloromethane	40	38.5	96	60-130
75-27-4	Bromodichloromethane	40	33.7	84	60-130
75-25-2	Bromoform	40	33.4	84	60-130
104-51-8	n-Butylbenzene	40	32.8	82	60-130
135-98-8	sec-Butylbenzene	40	33.3	83	60-130
98-06-6	tert-Butylbenzene	40	32.7	82	60-130
108-90-7	Chlorobenzene	40	32.4	81	60-130
75-00-3	Chloroethane	40	41.4	104	60-130
67-66-3	Chloroform	40	34.9	87	60-130
95-49-8	o-Chlorotoluene	40	34.5	86	60-130
106-43-4	p-Chlorotoluene	40	34.6	87	60-130
56-23-5	Carbon tetrachloride	40	28.9	72	60-130
75-34-3	1,1-Dichloroethane	40	37.0	93	60-130
75-35-4	1,1-Dichloroethylene	40	35.6	89	60-130
563-58-6	1,1-Dichloropropene	40	31.1	78	60-130
96-12-8	1,2-Dibromo-3-chloropropane	40	33.8	85	60-130
106-93-4	1,2-Dibromoethane	40	40.0	100	60-130
107-06-2	1,2-Dichloroethane	40	31.9	80	60-130
78-87-5	1,2-Dichloropropane	40	35.0	88	60-130
142-28-9	1,3-Dichloropropane	40	33.6	84	60-130
108-20-3	Di-Isopropyl ether	40	38.0	95	60-130
123-91-1	1,4-Dioxane	800	762	95	60-130
594-20-7	2,2-Dichloropropane	40	31.1	78	60-130
124-48-1	Dibromochloromethane	40	31.0	78	60-130
75-71-8	Dichlorodifluoromethane	40	33.0	83	60-130
156-59-2	cis-1,2-Dichloroethylene	40	37.1	93	60-130
10061-01-5	cis-1,3-Dichloropropene	40	33.9	85	60-130
541-73-1	m-Dichlorobenzene	40	33.5	84	60-130
95-50-1	o-Dichlorobenzene	40	34.3	86	60-130
106-46-7	p-Dichlorobenzene	40	33.6	84	60-130
156-60-5	trans-1,2-Dichloroethylene	40	35.8	90	60-130
10061-02-6	trans-1,3-Dichloropropene	40	30.1	75	60-130
64-17-5	Ethyl alcohol	800	882	110	60-130

Blank Spike Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO140-BS	O02785.D	1	12/10/08	MF	n/a	n/a	VO140

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
100-41-4	Ethylbenzene	40	31.7	79	60-130
637-92-3	Ethyl tert-Butyl Ether	40	40.3	101	60-130
591-78-6	2-Hexanone	160	133	83	60-130
87-68-3	Hexachlorobutadiene	40	32.8	82	60-130
98-82-8	Isopropylbenzene	40	31.4	79	60-130
99-87-6	p-Isopropyltoluene	40	33.0	83	60-130
108-10-1	4-Methyl-2-pentanone	160	142	89	60-130
74-83-9	Methyl bromide	40	31.6	79	60-130
74-87-3	Methyl chloride	40	32.5	81	60-130
74-95-3	Methylene bromide	40	35.1	88	60-130
75-09-2	Methylene chloride	40	37.3	93	60-130
78-93-3	Methyl ethyl ketone	160	160	100	60-130
1634-04-4	Methyl Tert Butyl Ether	40	37.2	93	60-130
91-20-3	Naphthalene	40	27.1	68	60-130
103-65-1	n-Propylbenzene	40	32.6	82	60-130
100-42-5	Styrene	40	32.3	81	60-130
994-05-8	Tert-Amyl Methyl Ether	40	43.4	109	60-130
75-65-0	Tert Butyl Alcohol	200	180	90	60-130
630-20-6	1,1,1,2-Tetrachloroethane	40	32.1	80	60-130
71-55-6	1,1,1-Trichloroethane	40	31.5	79	60-130
79-34-5	1,1,2,2-Tetrachloroethane	40	36.1	90	60-130
79-00-5	1,1,2-Trichloroethane	40	34.5	86	60-130
87-61-6	1,2,3-Trichlorobenzene	40	31.5	79	60-130
96-18-4	1,2,3-Trichloropropane	40	35.0	88	60-130
120-82-1	1,2,4-Trichlorobenzene	40	31.9	80	60-130
95-63-6	1,2,4-Trimethylbenzene	40	32.8	82	60-130
108-67-8	1,3,5-Trimethylbenzene	40	32.6	82	60-130
127-18-4	Tetrachloroethylene	40	29.8	75	60-130
108-88-3	Toluene	40	32.2	81	60-130
79-01-6	Trichloroethylene	40	32.2	81	60-130
75-69-4	Trichlorofluoromethane	40	36.8	92	60-130
75-01-4	Vinyl chloride	40	40.3	101	60-130
1330-20-7	Xylene (total)	120	97.8	82	60-130

Blank Spike Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO140-BS	O02785.D	1	12/10/08	MF	n/a	n/a	VO140

4.2
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	106%	60-130%
2037-26-5	Toluene-D8	96%	60-130%
460-00-4	4-Bromofluorobenzene	97%	60-130%

Blank Spike Summary

Page 1 of 1

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VO140-BS	O02787.D	1	12/10/08	MF	n/a	n/a	VO140

4.2

4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
	TPH-GRO (C6-C10)	250	240	96	60-130

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	108%	60-130%
2037-26-5	Toluene-D8	99%	60-130%
460-00-4	4-Bromofluorobenzene	101%	60-130%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C3343-4MS	O02796.D	1	12/10/08	MF	n/a	n/a	VO140
C3343-4MSD	O02797.D	1	12/10/08	MF	n/a	n/a	VO140
C3343-4	O02792.D	1	12/10/08	MF	n/a	n/a	VO140

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	C3343-4 ug/kg	Spike Q	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
67-64-1	Acetone	ND	160	134	84	140	88	4	60-130/30
71-43-2	Benzene	ND	40	38.2	96	36.5	92	5	60-130/30
108-86-1	Bromobenzene	ND	40	30.2	76	30.2	76	0	60-130/30
74-97-5	Bromochloromethane	ND	40	38.7	97	37.7	95	3	60-130/30
75-27-4	Bromodichloromethane	ND	40	39.6	99	38.1	96	4	60-130/30
75-25-2	Bromoform	ND	40	33.3	83	33.5	84	1	60-130/30
104-51-8	n-Butylbenzene	ND	40	32.7	82	32.0	81	2	60-130/30
135-98-8	sec-Butylbenzene	ND	40	33.9	85	33.2	84	2	60-130/30
98-06-6	tert-Butylbenzene	ND	40	33.6	84	32.8	83	2	60-130/30
108-90-7	Chlorobenzene	ND	40	31.4	79	31.2	79	1	60-130/30
75-00-3	Chloroethane	ND	40	43.7	109	42.5	107	3	60-130/30
67-66-3	Chloroform	ND	40	40.9	102	39.7	100	3	60-130/30
95-49-8	o-Chlorotoluene	ND	40	32.4	81	30.9	78	5	60-130/30
106-43-4	p-Chlorotoluene	ND	40	31.3	78	32.2	81	3	60-130/30
56-23-5	Carbon tetrachloride	ND	40	37.1	93	36.5	92	2	60-130/30
75-34-3	1,1-Dichloroethane	ND	40	42.6	107	41.9	106	2	60-130/30
75-35-4	1,1-Dichloroethylene	ND	40	42.2	106	40.3	102	5	60-130/30
563-58-6	1,1-Dichloropropene	ND	40	39.2	98	37.2	94	5	60-130/30
96-12-8	1,2-Dibromo-3-chloropropane	ND	40	29.2	73	29.0	73	1	60-130/30
106-93-4	1,2-Dibromoethane	ND	40	41.9	105	40.4	102	4	60-130/30
107-06-2	1,2-Dichloroethane	ND	40	38.9	97	37.8	95	3	60-130/30
78-87-5	1,2-Dichloropropane	ND	40	38.3	96	37.3	94	3	60-130/30
142-28-9	1,3-Dichloropropane	ND	40	35.9	90	34.4	87	4	60-130/30
108-20-3	Di-Isopropyl ether	ND	40	42.8	107	41.3	104	4	60-130/30
123-91-1	1,4-Dioxane	ND	800	755	94	738	93	2	60-130/30
594-20-7	2,2-Dichloropropane	ND	40	37.7	94	37.4	94	1	60-130/30
124-48-1	Dibromochloromethane	ND	40	32.5	81	31.8	80	2	60-130/30
75-71-8	Dichlorodifluoromethane	ND	40	52.6	132* a	52.2	132* a	1	60-130/30
156-59-2	cis-1,2-Dichloroethylene	ND	40	39.3	98	38.1	96	3	60-130/30
10061-01-5	cis-1,3-Dichloropropene	ND	40	37.3	93	35.6	90	5	60-130/30
541-73-1	m-Dichlorobenzene	ND	40	28.9	72	28.4	72	2	60-130/30
95-50-1	o-Dichlorobenzene	ND	40	29.1	73	28.0	71	4	60-130/30
106-46-7	p-Dichlorobenzene	ND	40	28.9	72	28.0	71	3	60-130/30
156-60-5	trans-1,2-Dichloroethylene	ND	40	39.2	98	38.3	97	2	60-130/30
10061-02-6	trans-1,3-Dichloropropene	ND	40	32.9	82	32.0	81	3	60-130/30
64-17-5	Ethyl alcohol	ND	800	845	106	807	102	5	60-130/30

4.3
4

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C3343-4MS	O02796.D	1	12/10/08	MF	n/a	n/a	VO140
C3343-4MSD	O02797.D	1	12/10/08	MF	n/a	n/a	VO140
C3343-4	O02792.D	1	12/10/08	MF	n/a	n/a	VO140

4.3
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	C3343-4 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
100-41-4	Ethylbenzene	ND	40	34.5	86	34.3	86	1	60-130/30	
637-92-3	Ethyl tert-Butyl Ether	ND	40	43.2	108	42.7	108	1	60-130/30	
591-78-6	2-Hexanone	ND	160	140	88	144	91	3	60-130/30	
87-68-3	Hexachlorobutadiene	ND	40	24.8	62	16.9	43* a	38* a	60-130/30	
98-82-8	Isopropylbenzene	ND	40	34.4	86	33.5	84	3	60-130/30	
99-87-6	p-Isopropyltoluene	ND	40	33.3	83	32.5	82	2	60-130/30	
108-10-1	4-Methyl-2-pentanone	ND	160	137	86	142	89	4	60-130/30	
74-83-9	Methyl bromide	ND	40	34.9	87	40.2	101	14	60-130/30	
74-87-3	Methyl chloride	ND	40	41.6	104	41.4	104	0	60-130/30	
74-95-3	Methylene bromide	ND	40	38.3	96	36.2	91	6	60-130/30	
75-09-2	Methylene chloride	ND	40	39.9	100	39.7	100	1	60-130/30	
78-93-3	Methyl ethyl ketone	ND	160	142	89	145	91	2	60-130/30	
1634-04-4	Methyl Tert Butyl Ether	ND	40	37.6	94	38.3	97	2	60-130/30	
91-20-3	Naphthalene	ND	40	21.0	53* a	21.0	53* a	0	60-130/30	
103-65-1	n-Propylbenzene	ND	40	33.1	83	32.9	83	1	60-130/30	
100-42-5	Styrene	ND	40	30.9	77	30.5	77	1	60-130/30	
994-05-8	Tert-Amyl Methyl Ether	ND	40	49.2	123	47.9	121	3	60-130/30	
75-65-0	Tert Butyl Alcohol	ND	200	180	90	194	98	7	60-130/30	
630-20-6	1,1,1,2-Tetrachloroethane	ND	40	35.6	89	35.0	88	2	60-130/30	
71-55-6	1,1,1-Trichloroethane	ND	40	39.7	99	38.8	98	2	60-130/30	
79-34-5	1,1,2,2-Tetrachloroethane	ND	40	33.3	83	33.9	85	2	60-130/30	
79-00-5	1,1,2-Trichloroethane	ND	40	35.1	88	34.3	86	2	60-130/30	
87-61-6	1,2,3-Trichlorobenzene	ND	40	24.9	62	23.6	59* a	5	60-130/30	
96-18-4	1,2,3-Trichloropropane	ND	40	34.9	87	34.5	87	1	60-130/30	
120-82-1	1,2,4-Trichlorobenzene	ND	40	24.9	62	23.6	59* a	5	60-130/30	
95-63-6	1,2,4-Trimethylbenzene	ND	40	32.0	80	31.5	79	2	60-130/30	
108-67-8	1,3,5-Trimethylbenzene	ND	40	32.6	82	31.9	80	2	60-130/30	
127-18-4	Tetrachloroethylene	ND	40	30.1	75	29.6	75	2	60-130/30	
108-88-3	Toluene	ND	40	35.0	88	34.2	86	2	60-130/30	
79-01-6	Trichloroethylene	ND	40	36.4	91	35.2	89	3	60-130/30	
75-69-4	Trichlorofluoromethane	ND	40	43.0	108	41.3	104	4	60-130/30	
75-01-4	Vinyl chloride	ND	40	49.3	123	48.7	123	1	60-130/30	
1330-20-7	Xylene (total)	ND	120	101	84	98.6	83	2	60-130/30	

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
C3343-4MS	O02796.D	1	12/10/08	MF	n/a	n/a	VO140
C3343-4MSD	O02797.D	1	12/10/08	MF	n/a	n/a	VO140
C3343-4	O02792.D	1	12/10/08	MF	n/a	n/a	VO140

4.3
4

The QC reported here applies to the following samples:

Method: SW846 8260B

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Surrogate Recoveries	MS	MSD	C3343-4	Limits
1868-53-7	Dibromofluoromethane	107%	107%	112%	60-130%
2037-26-5	Toluene-D8	99%	99%	101%	60-130%
460-00-4	4-Bromofluorobenzene	103%	102%	103%	60-130%

(a) Outside control limits.



GC/MS Semi-volatiles



QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-MB	X2000.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic acid	ND	1000	890	ug/kg	
95-57-8	2-Chlorophenol	ND	1000	680	ug/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	500	420	ug/kg	
120-83-2	2,4-Dichlorophenol	ND	500	140	ug/kg	
105-67-9	2,4-Dimethylphenol	ND	500	150	ug/kg	
51-28-5	2,4-Dinitrophenol	ND	2500	850	ug/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	2000	1000	ug/kg	
95-48-7	2-Methylphenol	ND	500	170	ug/kg	
	3&4-Methylphenol	ND	500	150	ug/kg	
88-75-5	2-Nitrophenol	ND	500	130	ug/kg	
100-02-7	4-Nitrophenol	ND	2000	1200	ug/kg	
87-86-5	Pentachlorophenol	ND	500	420	ug/kg	
108-95-2	Phenol	ND	2000	1300	ug/kg	
95-95-4	2,4,5-Trichlorophenol	ND	500	120	ug/kg	
88-06-2	2,4,6-Trichlorophenol	ND	500	160	ug/kg	
83-32-9	Acenaphthene	ND	1000	500	ug/kg	
208-96-8	Acenaphthylene	ND	500	200	ug/kg	
62-53-3	Aniline	ND	500	140	ug/kg	
120-12-7	Anthracene	ND	500	100	ug/kg	
103-33-3	Azobenzene	ND	500	170	ug/kg	
92-87-5	Benzidine	ND	2500	730	ug/kg	
56-55-3	Benzo(a)anthracene	ND	500	70	ug/kg	
50-32-8	Benzo(a)pyrene	ND	500	90	ug/kg	
205-99-2	Benzo(b)fluoranthene	ND	500	60	ug/kg	
191-24-2	Benzo(g,h,i)perylene	ND	500	150	ug/kg	
207-08-9	Benzo(k)fluoranthene	ND	500	120	ug/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	500	150	ug/kg	
85-68-7	Butyl benzyl phthalate	ND	500	110	ug/kg	
100-51-6	Benzyl Alcohol	ND	1000	160	ug/kg	
91-58-7	2-Chloronaphthalene	ND	500	180	ug/kg	
106-47-8	4-Chloroaniline	ND	500	140	ug/kg	
86-74-8	Carbazole	ND	500	80	ug/kg	
218-01-9	Chrysene	ND	500	100	ug/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	500	180	ug/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	500	230	ug/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	500	270	ug/kg	

Method Blank Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-MB	X2000.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Compound	Result	RL	MDL	Units	Q
7005-72-3	4-Chlorophenyl phenyl ether	ND	500	190	ug/kg	
95-50-1	1,2-Dichlorobenzene	ND	500	160	ug/kg	
541-73-1	1,3-Dichlorobenzene	ND	500	150	ug/kg	
106-46-7	1,4-Dichlorobenzene	ND	500	420	ug/kg	
121-14-2	2,4-Dinitrotoluene	ND	500	460	ug/kg	
606-20-2	2,6-Dinitrotoluene	ND	1000	320	ug/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	2500	140	ug/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	500	130	ug/kg	
132-64-9	Dibenzofuran	ND	500	160	ug/kg	
122-39-4	Diphenylamine	ND	500	120	ug/kg	
84-74-2	Di-n-butyl phthalate	ND	500	100	ug/kg	
117-84-0	Di-n-octyl phthalate	ND	500	130	ug/kg	
84-66-2	Diethyl phthalate	ND	500	170	ug/kg	
131-11-3	Dimethyl phthalate	ND	500	180	ug/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	500	220	ug/kg	
206-44-0	Fluoranthene	ND	500	100	ug/kg	
86-73-7	Fluorene	ND	500	180	ug/kg	
118-74-1	Hexachlorobenzene	ND	500	130	ug/kg	
87-68-3	Hexachlorobutadiene	ND	500	190	ug/kg	
77-47-4	Hexachlorocyclopentadiene	ND	500	140	ug/kg	
67-72-1	Hexachloroethane	ND	500	160	ug/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	500	140	ug/kg	
78-59-1	Isophorone	ND	500	170	ug/kg	
90-12-0	1-Methylnaphthalene	ND	500	160	ug/kg	
91-57-6	2-Methylnaphthalene	ND	500	160	ug/kg	
88-74-4	2-Nitroaniline	ND	500	120	ug/kg	
99-09-2	3-Nitroaniline	ND	500	120	ug/kg	
100-01-6	4-Nitroaniline	ND	500	300	ug/kg	
91-20-3	Naphthalene	ND	500	170	ug/kg	
98-95-3	Nitrobenzene	ND	500	160	ug/kg	
62-75-9	N-Nitrosodimethylamine	ND	5000	2200	ug/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	1000	550	ug/kg	
85-01-8	Phenanthrene	ND	500	110	ug/kg	
129-00-0	Pyrene	ND	1000	680	ug/kg	
110-86-1	Pyridine	ND	2000	220	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	500	340	ug/kg	

Method Blank Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-MB	X2000.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Surrogate Recoveries		Limits
367-12-4	2-Fluorophenol	55%	20-100%
4165-62-2	Phenol-d5	56%	20-100%
118-79-6	2,4,6-Tribromophenol	50%	30-100%
4165-60-0	Nitrobenzene-d5	55%	20-100%
321-60-8	2-Fluorobiphenyl	50%	20-106%
1718-51-0	Terphenyl-d14	80%	55-130%



Blank Spike/Blank Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-BS	X2001.D	1	12/11/08	LY	12/11/08	OP571	EX109
OP571-BSD	X2002.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	5000	2540	51	2550	51	0	24-116/30
95-57-8	2-Chlorophenol	2500	1530	61	1630	65	6	31-130/30
59-50-7	4-Chloro-3-methyl phenol	2500	1490	60	1600	64	7	35-117/30
120-83-2	2,4-Dichlorophenol	2500	1520	61	1610	64	6	40-111/30
105-67-9	2,4-Dimethylphenol	2500	1500	60	1620	65	8	29-109/30
51-28-5	2,4-Dinitrophenol	2500	1320	53	1220	49	8	19-117/30
534-52-1	4,6-Dinitro-o-cresol	2500	1520	61	1540	62	1	28-119/30
95-48-7	2-Methylphenol	2500	1530	61	1660	66	8	33-114/30
	3&4-Methylphenol	2500	1540	62	1650	66	7	34-115/30
88-75-5	2-Nitrophenol	2500	1580	63	1670	67	6	20-116/30
100-02-7	4-Nitrophenol	2500	1880	75	2030	81	8	6-114/30
87-86-5	Pentachlorophenol	2500	1580	63	1690	68	7	10-115/30
108-95-2	Phenol	2500	1640	66	1740	70	6	28-122/30
95-95-4	2,4,5-Trichlorophenol	2500	1350	54	1410	56	4	30-111/30
88-06-2	2,4,6-Trichlorophenol	2500	1310	52	1430	57	9	30-110/30
83-32-9	Acenaphthene	2500	1400	56	1490	60	6	34-129/30
208-96-8	Acenaphthylene	2500	1400	56	1500	60	7	38-118/30
62-53-3	Aniline	2500	1470	59	1560	62	6	28-112/30
120-12-7	Anthracene	2500	1720	69	1840	74	7	41-114/30
103-33-3	Azobenzene	2500	1510	60	1580	63	5	28-114/30
92-87-5	Benzidine	5000	2010	40	2820	56	34* a	10-156/30
56-55-3	Benzo(a)anthracene	2500	1920	77	2080	83	8	40-116/30
50-32-8	Benzo(a)pyrene	2500	1900	76	2070	83	9	39-112/30
205-99-2	Benzo(b)fluoranthene	2500	1890	76	2020	81	7	40-117/30
191-24-2	Benzo(g,h,i)perylene	2500	1700	68	1760	70	3	36-113/30
207-08-9	Benzo(k)fluoranthene	2500	1800	72	1930	77	7	41-117/30
101-55-3	4-Bromophenyl phenyl ether	2500	1510	60	1620	65	7	30-114/30
85-68-7	Butyl benzyl phthalate	2500	1970	79	2180	87	10	27-110/30
100-51-6	Benzyl Alcohol	2500	1580	63	1720	69	8	31-112/30
91-58-7	2-Chloronaphthalene	2500	1420	57	1520	61	7	37-115/30
106-47-8	4-Chloroaniline	2500	1380	55	1530	61	10	29-95/30
86-74-8	Carbazole	2500	2050	82	2200	88	7	40-116/30
218-01-9	Chrysene	2500	1650	66	1820	73	10	40-117/30
111-91-1	bis(2-Chloroethoxy)methane	2500	1560	62	1640	66	5	31-99/30
111-44-4	bis(2-Chloroethyl)ether	2500	1560	62	1660	66	6	30-106/30
108-60-1	bis(2-Chloroisopropyl)ether	2500	1630	65	1710	68	5	24-104/30

5.2
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Blank Spike/Blank Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-BS	X2001.D	1	12/11/08	LY	12/11/08	OP571	EX109
OP571-BSD	X2002.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	2500	1380	55	1430	57	4	30-111/30
95-50-1	1,2-Dichlorobenzene	2500	1530	61	1630	65	6	27-111/30
541-73-1	1,3-Dichlorobenzene	2500	1460	58	1550	62	6	25-116/30
106-46-7	1,4-Dichlorobenzene	2500	1500	60	1580	63	5	27-120/30
121-14-2	2,4-Dinitrotoluene	2500	1630	65	1740	70	7	27-114/30
606-20-2	2,6-Dinitrotoluene	2500	1470	59	1520	61	3	27-114/30
91-94-1	3,3'-Dichlorobenzidine	5000	3730	75	3990	80	7	24-118/30
53-70-3	Dibenzo(a,h)anthracene	2500	1370	55	1480	59	8	37-115/30
132-64-9	Dibenzofuran	2500	1410	56	1510	60	7	28-113/30
122-39-4	Diphenylamine	2500	1520	61	1580	63	4	23-117/30
84-74-2	Di-n-butyl phthalate	2500	1990	80	2150	86	8	29-115/30
117-84-0	Di-n-octyl phthalate	2500	1930	77	2070	83	7	29-127/30
84-66-2	Diethyl phthalate	2500	1560	62	1650	66	6	29-116/30
131-11-3	Dimethyl phthalate	2500	1440	58	1520	61	5	30-110/30
117-81-7	bis(2-Ethylhexyl)phthalate	2500	1970	79	2160	86	9	27-121/30
206-44-0	Fluoranthene	2500	1950	78	2110	84	8	40-120/30
86-73-7	Fluorene	2500	1400	56	1490	60	6	40-119/30
118-74-1	Hexachlorobenzene	2500	1510	60	1620	65	7	28-113/30
87-68-3	Hexachlorobutadiene	2500	1530	61	1610	64	5	29-115/30
77-47-4	Hexachlorocyclopentadiene	2500	1240	50	1310	52	5	26-114/30
67-72-1	Hexachloroethane	2500	1450	58	1550	62	7	24-109/30
193-39-5	Indeno(1,2,3-cd)pyrene	2500	1950	78	2110	84	8	37-114/30
78-59-1	Isophorone	2500	1670	67	1770	71	6	28-117/30
90-12-0	1-Methylnaphthalene	2500	1580	63	1690	68	7	25-113/30
91-57-6	2-Methylnaphthalene	2500	1630	65	1740	70	7	27-113/30
88-74-4	2-Nitroaniline	2500	1470	59	1550	62	5	23-116/30
99-09-2	3-Nitroaniline	2500	1400	56	1480	59	6	29-115/30
100-01-6	4-Nitroaniline	2500	1690	68	1820	73	7	29-114/30
91-20-3	Naphthalene	2500	1570	63	1660	66	6	24-113/30
98-95-3	Nitrobenzene	2500	1610	64	1680	67	4	23-112/30
62-75-9	N-Nitrosodimethylamine	2500	1000	41	1100	46	11	20-108/30
621-64-7	N-Nitroso-di-n-propylamine	2500	1590	64	1700	68	7	26-127/30
85-01-8	Phenanthrene	2500	1720	69	1810	72	5	41-113/30
129-00-0	Pyrene	2500	1910	76	2110	84	10	45-134/30
110-86-1	Pyridine	2500	1030	41	1190	48	14	20-78/30
120-82-1	1,2,4-Trichlorobenzene	2500	1600	64	1700	68	6	31-122/30

5.2
5

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-BS	X2001.D	1	12/11/08	LY	12/11/08	OP571	EX109
OP571-BSD	X2002.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
367-12-4	2-Fluorophenol	53%	70%	20-100%
4165-62-2	Phenol-d5	64%	71%	20-100%
118-79-6	2,4,6-Tribromophenol	69%	73%	30-100%
4165-60-0	Nitrobenzene-d5	64%	70%	20-100%
321-60-8	2-Fluorobiphenyl	60%	63%	20-106%
1718-51-0	Terphenyl-d14	81%	91%	55-130%

(a) Outside lab control limits.

5.2
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-MS	X2005.D	1	12/11/08	LY	12/11/08	OP571	EX109
OP571-MSD	X2006.D	1	12/11/08	LY	12/11/08	OP571	EX109
C3343-2	X2004.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Compound	C3343-2 ug/kg	Spike Q ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
65-85-0	Benzoic acid	ND	5000	1310	26	1810	36	32	24-116/36
95-57-8	2-Chlorophenol	ND	2500	1020	41	1040	42	2	31-130/31
59-50-7	4-Chloro-3-methyl phenol	ND	2500	1230	49	1430	57	15	35-117/38
120-83-2	2,4-Dichlorophenol	ND	2500	1050	42	1200	48	13	40-111/30
105-67-9	2,4-Dimethylphenol	ND	2500	624	25* a	529	21* a	16	29-109/31
51-28-5	2,4-Dinitrophenol	ND	2500	840	34	1020	41	19	19-117/40
534-52-1	4,6-Dinitro-o-cresol	ND	2500	1190	48	1290	52	8	28-119/37
95-48-7	2-Methylphenol	ND	2500	1010	40	1030	41	2	33-114/29
	3&4-Methylphenol	ND	2500	1090	44	1170	47	7	34-115/31
88-75-5	2-Nitrophenol	ND	2500	1010	40	1050	42	4	20-116/30
100-02-7	4-Nitrophenol	ND	2500	1840	74	2030	81	10	6-114/56
87-86-5	Pentachlorophenol	ND	2500	1400	56	1460	58	4	10-115/39
108-95-2	Phenol	ND	2500	1200	46	1300	50	8	28-122/38
95-95-4	2,4,5-Trichlorophenol	ND	2500	1090	44	1300	52	18	30-111/28
88-06-2	2,4,6-Trichlorophenol	ND	2500	1000	40	1180	47	17	30-110/27
83-32-9	Acenaphthene	ND	2500	1030	41	1210	48	16	34-129/31
208-96-8	Acenaphthylene	ND	2500	1010	40	1180	47	16	38-118/30
62-53-3	Aniline	ND	2500	861	34	790	32	9	28-112/38
120-12-7	Anthracene	ND	2500	1580	63	1730	69	9	41-114/29
103-33-3	Azobenzene	ND	2500	1320	53	1560	62	17	28-114/27
92-87-5	Benzidine	ND	5000	1240	25	941	19	27	10-156/50
56-55-3	Benzo(a)anthracene	ND	2500	1960	78	2050	82	4	40-116/31
50-32-8	Benzo(a)pyrene	ND	2500	1940	78	2070	83	6	39-112/32
205-99-2	Benzo(b)fluoranthene	ND	2500	1950	78	2050	82	5	40-117/31
191-24-2	Benzo(g,h,i)perylene	ND	2500	1660	66	1740	70	5	36-113/32
207-08-9	Benzo(k)fluoranthene	ND	2500	1850	74	1930	77	4	41-117/30
101-55-3	4-Bromophenyl phenyl ether	ND	2500	1370	55	1570	63	14	30-114/26
85-68-7	Butyl benzyl phthalate	ND	2500	2130	85	2280	91	7	27-110/28
100-51-6	Benzyl Alcohol	ND	2500	1160	46	1260	50	8	31-112/34
91-58-7	2-Chloronaphthalene	ND	2500	947	38	1100	44	15	37-115/28
106-47-8	4-Chloroaniline	ND	2500	1010	40	1100	44	9	29-95/34
86-74-8	Carbazole	ND	2500	1920	77	2040	82	6	40-116/30
218-01-9	Chrysene	ND	2500	1730	69	1780	71	3	40-117/31
111-91-1	bis(2-Chloroethoxy)methane	ND	2500	1080	43	1190	48	10	31-99/30
111-44-4	bis(2-Chloroethyl)ether	ND	2500	925	37	926	37	0	30-106/33
108-60-1	bis(2-Chloroisopropyl)ether	ND	2500	916	37	974	39	6	24-104/32

5.3
5

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-MS	X2005.D	1	12/11/08	LY	12/11/08	OP571	EX109
OP571-MSD	X2006.D	1	12/11/08	LY	12/11/08	OP571	EX109
C3343-2	X2004.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Compound	C3343-2 ug/kg	Q	Spike ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
7005-72-3	4-Chlorophenyl phenyl ether	ND		2500	1130	45	1350	54	18	30-111/26
95-50-1	1,2-Dichlorobenzene	ND		2500	662	26* a	662	26* a	0	27-111/35
541-73-1	1,3-Dichlorobenzene	ND		2500	560	22* a	569	23* a	2	25-116/36
106-46-7	1,4-Dichlorobenzene	ND		2500	601	24* a	608	24* a	1	27-120/30
121-14-2	2,4-Dinitrotoluene	ND		2500	1500	60	1700	68	13	27-114/38
606-20-2	2,6-Dinitrotoluene	ND		2500	1260	50	1500	60	17	27-114/30
91-94-1	3,3'-Dichlorobenzidine	ND		5000	4050	81	3810	76	6	24-118/31
53-70-3	Dibenzo(a,h)anthracene	ND		2500	1420	57	1530	61	7	37-115/29
132-64-9	Dibenzofuran	ND		2500	1090	44	1290	52	17	28-113/27
122-39-4	Diphenylamine	ND		2500	1300	52	1510	60	15	23-117/28
84-74-2	Di-n-butyl phthalate	ND		2500	2040	82	2190	88	7	29-115/27
117-84-0	Di-n-octyl phthalate	ND		2500	2090	84	2230	89	6	29-127/28
84-66-2	Diethyl phthalate	ND		2500	1450	58	1660	66	14	29-116/27
131-11-3	Dimethyl phthalate	ND		2500	1320	53	1510	60	13	30-110/26
117-81-7	bis(2-Ethylhexyl)phthalate	ND		2500	2150	86	2280	91	6	27-121/29
206-44-0	Fluoranthene	ND		2500	1900	76	1960	78	3	40-120/32
86-73-7	Fluorene	ND		2500	1160	46	1370	55	17	40-119/30
118-74-1	Hexachlorobenzene	ND		2500	1380	55	1550	62	12	28-113/27
87-68-3	Hexachlorobutadiene	ND		2500	754	30	821	33	9	29-115/33
77-47-4	Hexachlorocyclopentadiene	ND		2500	636	25* a	674	27	6	26-114/41
67-72-1	Hexachloroethane	ND		2500	580	23* a	604	24	4	24-109/38
193-39-5	Indeno(1,2,3-cd)pyrene	ND		2500	1970	79	2100	84	6	37-114/33
78-59-1	Isophorone	ND		2500	1180	47	1290	52	9	28-117/30
90-12-0	1-Methylnaphthalene	ND		2500	993	40	1110	44	11	25-113/33
91-57-6	2-Methylnaphthalene	ND		2500	1020	41	1140	46	11	27-113/32
88-74-4	2-Nitroaniline	ND		2500	1290	52	1520	61	16	23-116/29
99-09-2	3-Nitroaniline	ND		2500	1370	55	1540	62	12	29-115/31
100-01-6	4-Nitroaniline	ND		2500	1640	66	1820	73	10	29-114/31
91-20-3	Naphthalene	ND		2500	906	36	967	39	7	24-113/32
98-95-3	Nitrobenzene	ND		2500	985	39	1020	41	3	23-112/32
62-75-9	N-Nitrosodimethylamine	ND		2500	770	31	780	31	2	20-108/34
621-64-7	N-Nitroso-di-n-propylamine	ND		2500	1070	43	1150	46	7	26-127/43
85-01-8	Phenanthrene	ND		2500	1560	62	1730	69	10	41-113/32
129-00-0	Pyrene	ND		2500	1900	76	1950	78	3	45-134/33
110-86-1	Pyridine	ND		2500	515	21	439	18* a	16	20-78/38
120-82-1	1,2,4-Trichlorobenzene	ND		2500	856	34	901	36	5	31-122/44

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP571-MS	X2005.D	1	12/11/08	LY	12/11/08	OP571	EX109
OP571-MSD	X2006.D	1	12/11/08	LY	12/11/08	OP571	EX109
C3343-2	X2004.D	1	12/11/08	LY	12/11/08	OP571	EX109

The QC reported here applies to the following samples:

Method: SW846 8270C

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Surrogate Recoveries	MS	MSD	C3343-2	Limits
367-12-4	2-Fluorophenol	41%	41%	43%	20-100%
4165-62-2	Phenol-d5	47%	51%	50%	20-100%
118-79-6	2,4,6-Tribromophenol	61%	65%	53%	30-100%
4165-60-0	Nitrobenzene-d5	39%	42%	46%	20-100%
321-60-8	2-Fluorobiphenyl	39%	46%	46%	20-106%
1718-51-0	Terphenyl-d14	87%	91%	104%	55-130%

(a) Outside lab control limits.

5.3
5



GC Semi-volatiles



QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP569-MB	PP3051.D	1	12/11/08	NB	12/10/08	OP569	GPP111

The QC reported here applies to the following samples:

Method: SW846 8082

C3343-1, C3343-2, C3343-3, C3343-4

6.1
6

CAS No.	Compound	Result	RL	MDL	Units	Q
12674-11-2	Aroclor 1016	ND	100	17	ug/kg	
11104-28-2	Aroclor 1221	ND	100	50	ug/kg	
11141-16-5	Aroclor 1232	ND	100	50	ug/kg	
53469-21-9	Aroclor 1242	ND	100	50	ug/kg	
12672-29-6	Aroclor 1248	ND	100	50	ug/kg	
11097-69-1	Aroclor 1254	ND	100	50	ug/kg	
11096-82-5	Aroclor 1260	ND	100	20	ug/kg	

CAS No.	Surrogate Recoveries		Limits
877-09-8	Tetrachloro-m-xylene	85%	58-130%
2051-24-3	Decachlorobiphenyl	108%	58-130%

Method Blank Summary

Job Number: C3343
Account: ERMCAWC ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP566-MB	HH1464.D	1	12/10/08	JH	12/10/08	OP566	GHH84

The QC reported here applies to the following samples:

Method: SW846 8015B M

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

6.1
6

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	ND	10	5.0	mg/kg	
	TPH (> C28-C40)	ND	20	10	mg/kg	

CAS No.	Surrogate Recoveries	Limits
630-01-3	Hexacosane	73% 45-140%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP569-BS	PP3052.D	1	12/11/08	NB	12/10/08	OP569	GPP111
OP569-BSD	PP3053.D	1	12/11/08	NB	12/10/08	OP569	GPP111

The QC reported here applies to the following samples:

Method: SW846 8082

C3343-1, C3343-2, C3343-3, C3343-4

6.2
6

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	BSD ug/kg	BSD %	RPD	Limits Rec/RPD
12672-29-6	Aroclor 1248	400	381	95	375	94	2	40-145/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
877-09-8	Tetrachloro-m-xylene	85%	84%	58-130%
2051-24-3	Decachlorobiphenyl	104%	106%	58-130%

Blank Spike/Blank Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP566-BS	HH1465.D	1	12/10/08	JH	12/10/08	OP566	GHH84
OP566-BSD	HH1466.D	1	12/10/08	JH	12/10/08	OP566	GHH84

The QC reported here applies to the following samples:

Method: SW846 8015B M

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

6.2
6

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	100	88.3	88	87.8	88	1	45-140/30
	TPH (> C28-C40)	100	81.1	81	77.8	78	4	45-140/30

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	82%	83%	45-140%

Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP569-MS	PP3063.D	1	12/11/08	NB	12/10/08	OP569	GPP111
OP569-MSD	PP3064.D	1	12/11/08	NB	12/10/08	OP569	GPP111
C3346-2	PP3055.D	1	12/11/08	NB	12/10/08	OP569	GPP111

The QC reported here applies to the following samples:

Method: SW846 8082

C3343-1, C3343-2, C3343-3, C3343-4

CAS No.	Compound	C3346-2 ug/kg	Spike Q	ug/kg	MS ug/kg	MS %	MSD ug/kg	MSD %	RPD	Limits Rec/RPD
12672-29-6	Aroclor 1248	ND	400	379	95	359	90	5	40-145/40	

CAS No.	Surrogate Recoveries	MS	MSD	C3346-2	Limits
877-09-8	Tetrachloro-m-xylene	77%	79%	79%	58-130%
2051-24-3	Decachlorobiphenyl	95%	93%	95%	58-130%



Matrix Spike/Matrix Spike Duplicate Summary

Job Number: C3343
 Account: ERMCAWC ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP566-MS	HH1480.D	1	12/11/08	JH	12/10/08	OP566	GHH84
OP566-MSD	HH1481.D	1	12/11/08	JH	12/10/08	OP566	GHH84
C3316-1	HH1473.D	1	12/10/08	JH	12/10/08	OP566	GHH84

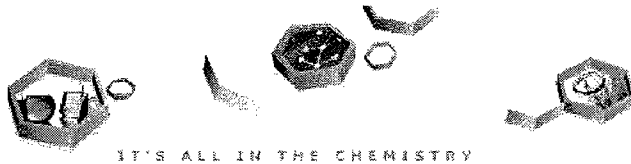
The QC reported here applies to the following samples:

Method: SW846 8015B M

C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

CAS No.	Compound	C3316-1 mg/kg	Spike Q	MS mg/kg	MS %	MSD mg/kg	MSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	ND	100	82.4	82	78.9	79	4	45-140/30
	TPH (> C28-C40)	ND	100	70.8	71	65.7	66	7	45-140/30

CAS No.	Surrogate Recoveries	MS	MSD	C3316-1	Limits
630-01-3	Hexacosane	72%	68%	57%	45-140%



Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

7

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C3343
Account: ERMCAWC - ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP679
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 12/11/08

Metal	RL	IDL	MB raw	final
Aluminum	10	1.3		
Antimony	2.0	.67	anr	
Arsenic	2.0	.96	anr	
Barium	1.0	.02	anr	
Beryllium	1.0	.04	anr	
Boron	1.0	.7		
Cadmium	1.0	.03	0.020	<1.0
Calcium	10	.52		
Chromium	1.0	.05	0.13	<1.0
Cobalt	1.0	.04	anr	
Copper	1.0	.07	anr	
Iron	10	.33		
Lead	1.0	.24	0.030	<1.0
Lithium	1.0	.19		
Magnesium	10	1.3		
Manganese	1.0	.12		
Molybdenum	1.0	.13	anr	
Nickel	1.0	.09	-0.010	<1.0
Potassium	20	5.1		
Selenium	2.0	.98	anr	
Silicon	10	1.4		
Silver	1.0	.08	anr	
Sodium	200	1.6		
Strontium	1.0	.02		
Thallium	2.0	.4	anr	
Tin	5.0	.26		
Titanium	1.0	.02		
Vanadium	1.0	.02	anr	
Zinc	2.0	.35	0.64	<2.0

Associated samples MP679: C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MF679
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 12/11/08

Metal	C3316-1 Original MS	Spikelot MPIR1	% Rec	QC Limits
-------	------------------------	-------------------	-------	--------------

Aluminum					
Antimony	anr				
Arsenic	anr				
Barium	anr				
Beryllium	anr				
Boron					
Cadmium	0.17	46.5	50	92.7	80-120
Calcium					
Chromium	159	205	50	92.0	80-120
Cobalt	anr				
Copper	anr				
Iron					
Lead	5.6	50.1	50	89.0	80-120
Lithium					
Magnesium					
Manganese					
Molybdenum	anr				
Nickel	118	171	50	106.0	80-120
Potassium					
Selenium	anr				
Silicon					
Silver	anr				
Sodium					
Strontium					
Thallium	anr				
Tin					
Titanium					
Vanadium	anr				
Zinc	60.9	107	50	92.2	80-120

Associated samples MF679: C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.1.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP679
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 12/11/08

Metal	C3316-1 Original MSD	SpikeLot MPIR1	% Rec	MSD RPD	QC Limit	
Aluminum						
Antimony	anr					
Arsenic	anr					
Barium	anr					
Beryllium	anr					
Boron						
Cadmium	0.17	47.1	50	93.9	1.3	20
Calcium						
Chromium	159	221	50	124.0N(a	7.5	20
Cobalt	anr					
Copper	anr					
Iron						
Lead	5.6	50.6	50	90.0	1.0	20
Lithium						
Magnesium						
Manganese						
Molybdenum	anr					
Nickel	118	179	50	122.0N(a	4.6	20
Potassium						
Selenium	anr					
Silicon						
Silver	anr					
Sodium						
Strontium						
Thallium	anr					
Tin						
Titanium						
Vanadium	anr					
Zinc	60.9	108	50	94.2	0.9	20

Associated samples MP679: C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

7.1.2
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP679
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 12/11/08 12/11/08

Metal	BSP Result	Spikelot MPIR1	% Rec	QC Limits	BSD Result	Spikelot MPIR1	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	anr								
Arsenic	anr								
Barium	anr								
Beryllium	anr								
Boron									
Cadmium	47.3	50	94.6	80-120	47.9	50	95.8	1.3	
Calcium									
Chromium	49.1	50	98.2	80-120	49.6	50	99.2	1.0	
Cobalt	anr								
Copper	anr								
Iron									
Lead	49.1	50	98.2	80-120	48.8	50	97.6	0.6	
Lithium									
Magnesium									
Manganese									
Molybdenum	anr								
Nickel	48.2	50	96.4	80-120	48.7	50	97.4	1.0	
Potassium									
Selenium	anr								
Silicon									
Silver	anr								
Sodium									
Strontium									
Thallium	anr								
Tin									
Titanium									
Vanadium	anr								
Zinc	47.6	50	95.2	80-120	47.9	50	95.8	0.6	

Associated samples MP679: C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.1.3
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP679
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: ug/l

Prep Date: 12/11/08

Metal	C3316-1 Original SDL 2:5	%DIF	QC Limits
-------	-----------------------------	------	--------------

Aluminum				
Antimony	anr			
Arsenic	anr			
Barium	anr			
Beryllium	anr			
Boron				
Cadmium	1.80	2.00	11.1 (a)	0-10
Calcium				
Chromium	1660	1700	2.6	0-10
Cobalt	anr			
Copper	anr			
Iron				
Lead	57.8	69.0	19.4 (a)	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum	anr			
Nickel	1230	1270	2.9	0-10
Potassium				
Selenium	anr			
Silicon				
Silver	anr			
Sodium				
Strontium				
Thallium	anr			
Tin				
Titanium				
Vanadium	anr			
Zinc	633	630	0.5	0-10

Associated samples MP679: C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

7.1.4
7

POST DIGESTATE SPIKE SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP679
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: ug/l

Prep Date:

12/11/08

Metal	Sample ml	Final ml	C3316-1 Raw	PS Corr.** ug/l	PS ug/l	Spike ml	Spike ug/ml	Spike ug/l	% Rec	QC Limits
-------	-----------	----------	-------------	-----------------	---------	----------	-------------	------------	-------	-----------

Aluminum

Antimony

Arsenic

Barium

Beryllium

Boron

Cadmium

Calcium

Chromium 10 10.05 1656.4 1648.159 2081.8 0.05 100 497.5124 87.2 -

Cobalt

Copper

Iron

Lead

Lithium

Magnesium

Manganese

Molybdenum

Nickel 10 10.05 1230.8 1224.677 1653 0.05 100 497.5124 86.1 -

Potassium

Selenium

Silicon

Silver

Sodium

Strontium

Thallium

Tin

Titanium

Vanadium

Zinc

Associated samples MP679: C3343-1, C3343-2, C3343-3, C3343-4, C3343-5, C3343-6, C3343-7

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (**) Corr. sample result = Raw * (sample volume / final volume)
 (anr) Analyte not requested

7.1.5
7

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C3343
Account: ERMCAWC - ERM-West, Inc.
Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP737
Matrix Type: LEACHATE

Methods: SW846 6010B
Units: mg/l

Prep Date: 01/02/09

Metal	RL	IDL	MB raw	final
Aluminum	0.50	.063		
Antimony	0.25	.034		
Arsenic	0.25	.048	anr	
Barium	0.10	.001		
Beryllium	0.10	.002		
Boron	0.25	.035		
Cadmium	0.10	.0015		
Calcium	25	.026		
Chromium	0.10	.0025	anr	
Cobalt	0.10	.002		
Copper	0.10	.0035	anr	
Iron	0.50	.017		
Lead	0.25	.012	0.017	<0.25
Lithium	0.10	.0095		
Magnesium	0.50	.066		
Manganese	0.10	.006		
Molybdenum	0.10	.0065		
Nickel	0.10	.0045		
Potassium	25	.25		
Selenium	0.25	.049		
Silicon	0.25	.071		
Silver	0.10	.004		
Sodium	25	.081		
Strontium	0.10	.001		
Thallium	0.25	.02		
Tin	0.25	.013		
Titanium	0.10	.001		
Vanadium	0.10	.001	anr	
Zinc	0.25	.018		

Associated samples MP737: C3343-7A

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.2.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP737
 Matrix Type: LEACHATE

Methods: SW846 6010B
 Units: mg/l

Prep Date: 01/02/09

Metal	C3343-7A Original MS	Spikelot MPIR1	% Rec	QC Limits
-------	-------------------------	-------------------	-------	--------------

Aluminum					
Antimony					
Arsenic	anr				
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium	anr				
Cobalt					
Copper	anr				
Iron					
Lead	1.8	4.2	2.5	96.0	80-120
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium	anr				
Zinc					

Associated samples MP737: C3343-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.2.2
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP737
 Matrix Type: LEACHATE

Methods: SW846 6010B
 Units: mg/l

Prep Date: 01/02/09

Metal	C3343-7A Original MSD	SpikeLot MPIR1	% Rec	MSD RPD	QC Limit
-------	--------------------------	-------------------	-------	------------	-------------

Aluminum					
Antimony					
Arsenic	anr				
Barium					
Beryllium					
Boron					
Cadmium					
Calcium					
Chromium	anr				
Cobalt					
Copper	anr				
Iron					
Lead	1.8	4.1	2.5	92.0	2.4 20
Lithium					
Magnesium					
Manganese					
Molybdenum					
Nickel					
Potassium					
Selenium					
Silicon					
Silver					
Sodium					
Strontium					
Thallium					
Tin					
Titanium					
Vanadium	anr				
Zinc					

Associated samples MP737: C3343-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.2.2
7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MP737
 Matrix Type: LEACHATE

Methods: SW846 6010B
 Units: mg/l

Prep Date: 01/02/09 01/02/09

Metal	BSP Result	SpikeLot MPIR1	% Rec	QC Limits	BSD Result	SpikeLot MPIR1	% Rec	BSD RPD	QC Limit
-------	---------------	-------------------	-------	--------------	---------------	-------------------	-------	------------	-------------

Aluminum									
Antimony									
Arsenic	anr								
Barium									
Beryllium									
Boron									
Cadmium									
Calcium									
Chromium	anr								
Cobalt									
Copper	anr								
Iron									
Lead	2.5	2.5	100.0	80-120	2.5	2.5	100.0	0.0	
Lithium									
Magnesium									
Manganese									
Molybdenum									
Nickel									
Potassium									
Selenium									
Silicon									
Silver									
Sodium									
Strontium									
Thallium									
Tin									
Titanium									
Vanadium	anr								
Zinc									

Associated samples MP737: C3343-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.2.3
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: C3343
 Account: ERMCAWC - ERM-West, Inc.
 Project: 11759 Dublin Blvd, Dublin, CA

QC Batch ID: MF737
 Matrix Type: LEACHATE

Methods: SW846 6010B
 Units: ug/l

Prep Date: 01/02/09

Metal	C3343-7A	QC
	Original SDL 5:15 %DIF	Limits

Aluminum				
Antimony				
Arsenic	anr			
Barium				
Beryllium				
Boron				
Cadmium				
Calcium				
Chromium	anr			
Cobalt				
Copper	anr			
Iron				
Lead	1830	1930	5.7	0-10
Lithium				
Magnesium				
Manganese				
Molybdenum				
Nickel				
Potassium				
Selenium				
Silicon				
Silver				
Sodium				
Strontium				
Thallium				
Tin				
Titanium				
Vanadium	anr			
Zinc				

Associated samples MF737: C3343-7A

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.2.4
7

Appendix C
Waste Disposal Documentation

NON-HAZARDOUS WASTE MANIFEST

EES19

NON-HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CAC002637121		Manifest Document No. NH 8717		2. Page 1 of 1	
3. Generator's Name and Mailing Address DUBLIN City OF 11779 Dublin Blvd Dublin CA 94568							
4. Generator's Phone (650) 961-2742							
5. Transporter 1 Company Name EVERGREEN ENVIRONMENTAL SERVICES		6. US EPA ID Number CAD982413262		A. State Transporter's ID			
7. Transporter 2 Company Name		8. US EPA ID Number		B. Transporter 1 Phone 510 795-4400			
9. Designated Facility Name and Site Address EVERGREEN OIL, INC. P.O. 248 6880 Smith Avenue Newark, CA 94560		10. US EPA ID Number CAD980887418		C. State Transporter's ID			
				D. Transporter 2 Phone			
				E. State Facility's ID			
				F. Facility's Phone 510 795-4400			
11. WASTE DESCRIPTION			12. Containers		13. Total Quantity	14. Unit Wt./Vol.	
a. Non-Hazardous waste, liquid			No. Type		Quantity	Unit	
			001 TT		620	G	
b.							
c.							
d.							
G. Additional Descriptions for Materials Listed Above				H. Handling Codes for Wastes Listed Above			
15. Special Handling Instructions and Additional Information Profile # _____ Do not ingest Wear protective clothing In case of emergency call: CHEMTREC 800-424-9300				Invoice: 495965 Sales Order: 0203524			
16. GENERATOR'S CERTIFICATION: I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.							
Printed/Typed Name: <i>[Signature]</i>			Signature: <i>Brian Ferreri</i>			Date: 12/05/08	
17. Transporter 1 Acknowledgement of Receipt of Materials							
Printed/Typed Name: <i>Jesse Falconz</i>			Signature: <i>[Signature]</i>			Date: 12/05/08	
18. Transporter 2 Acknowledgement of Receipt of Materials							
Printed/Typed Name:			Signature:			Date:	
19. Discrepancy Indication Space HBS							
20. Facility Owner or Operator: Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.							
Printed/Typed Name: <i>Andy Atole</i>			Signature: <i>[Signature]</i>			Date: 12/9/08	

NON-HAZARDOUS WASTE

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>CACND2637121</i>		2. Page 1 of <i>1</i>		3. Emergency Response Phone <i>800-321-5479</i>		4. Manifest Tracking Number 004090315 JJK				
		5. Generator's Name and Mailing Address <i>CITY OF DUBLIN 100 CIVIC PLAZA DUBLIN, CA 94568 US</i>						Generator's Site Address (if different than mailing address) <i>11825 CUELIN BLVD DUBLIN, CA 94568 US</i>				
6. Transporter 1 Company Name <i>Ecology Control Industries</i>		U.S. EPA ID Number <i>CAD982000170</i>						7. Transporter 2 Company Name		U.S. EPA ID Number		
8. Designated Facility Name and Site Address <i>ECOLOGYS CONTROL INDUSTRIES 355 PARR BOULEVARD RICHMOND, CA 94801</i>		U.S. EPA ID Number <i>CACDLS400002</i>						Facility's Phone: <i>510-235-1500</i>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		1. <i>NON HAZARDOUS WASTE SOLID (EMPTY STORAGE TANK)</i>				<i>003 TP</i>		<i>3000</i>	<i>P</i>	<i>312</i>		
		2.						<i>0</i>				
		3.						<i>0</i>				
		4.						<i>0</i>				
14. Special Handling Instructions and Additional Information <i>QTY 3 EMPTY STORAGE TANKS TANK# 00040, #00030, & #00051 EPA JOB # 5119700 WEAR PROPER PPE WHEN HANDLING WEIGHTS AND VOLUMES ARE APPROPRIATE</i>												
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.												
Generator's/Offeror's Printed/Typed Name <i>Herman Lichtenstein</i>								Signature <i>[Signature]</i>		Month Day Year <i>12 10 08</i>		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input checked="" type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____											
	17. Transporter Acknowledgment of Receipt of Materials											
TRANSPORTER	Transporter 1 Printed/Typed Name <i>Non Hazardous</i>								Signature <i>[Signature]</i>		Month Day Year <i>12 10 09</i>	
	Transporter 2 Printed/Typed Name								Signature		Month Day Year	
DESIGNATED FACILITY	18. Discrepancy											
	18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: _____											
	18b. Alternate Facility (or Generator)								U.S. EPA ID Number			
Facility's Phone: _____												
18c. Signature of Alternate Facility (or Generator)								Month Day Year				
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)												
1. <i>H129</i>			2.			3.			4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a												
Printed/Typed Name <i>James W. Wilcox</i>								Signature <i>[Signature]</i>		Month Day Year <i>12 10 08</i>		



ALTAMONT LANDFILL & RESOURCE RECOVERY
10840 ALTAMONT PASS RD
LIVERMORE CA 94550

Customer: FERMA CORPORATION
Account Number: 554-0001523-2554-4
Invoice Date: 02/01/2009
Invoice Number: 0029106-2554-6
Due Date: Due Upon Receipt
WM ezPay Account ID: 00000-00823-65002

Service Location: 554-1523 Ferma Corporation: 1265 Montecito Avenue #200: Mountain View Ca 94043-4581

Date	Ticket	Description	Quantity	U/M	Rate	Amount
✓ 01/19/09	833662	Veh#:9d0931 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	5630 1--1001 16.50 1.00 1.00	TON PCT LOA	16.00 8.07 6.00	264.00 8.07 6.00 278.07
✓ 01/19/09	833665	Veh#:9d8709 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	17.14 1.00 1.00	TON PCT LOA	16.00 8.38 6.00	274.24 8.38 6.00 288.62
✓ 01/19/09	833666	Veh#:9a7787 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	17.61 1.00 1.00	TON PCT LOA	16.00 8.60 6.00	281.76 8.60 6.00 296.36
✓ 01/19/09	833669	Veh#:9a1520 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	19.85 1.00 1.00	TON PCT LOA	16.00 9.68 6.00	317.60 9.68 6.00 333.28
✓ 01/19/09	833676	Veh#:6z8122 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	19.44 1.00 1.00	TON PCT LOA	16.00 9.48 6.00	311.04 9.48 6.00 326.52
✓ 01/19/09	833677	Veh#:c12cat Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	18.79 1.00 1.00	TON PCT LOA	16.00 9.17 6.00	300.64 9.17 6.00 315.81
✓ 01/19/09	833693	Veh#:9d0931 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	19.79 1.00 1.00	TON PCT LOA	16.00 9.65 6.00	316.64 9.65 6.00 332.29
✓ 01/19/09	833696	Veh#:9d8709 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	16.30 1.00 1.00	TON PCT LOA	16.00 7.98 6.00	260.80 7.98 6.00 274.78

000138



Service Location: 554-1523 Ferma Corporation: 1265 Montecito Avenue #200: Mountain View Ca 94043-4581

Date	Ticket	Description	Quantity	U/M	Rate	Amount
✓ 01/19/09	833698	Veh#:9a7787 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	19.34 1.00 1.00	TON PCT LOA	16.00 9.43 6.00	309.44 9.43 6.00 324.87
✓ 01/19/09	833701	Veh#:9a1520 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	20.28 1.00 1.00	TON PCT LOA	16.00 9.88 6.00	324.48 9.88 6.00 340.36
✓ 01/19/09	833707	Veh#:6z8122 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	18.83 1.00 1.00	TON PCT LOA	16.00 9.19 6.00	301.28 9.19 6.00 316.47
✓ 01/19/09	833710	Veh#:c12cat Man#: waf Pc soil reg-c&d Gnrtr:164-du Environmental fee-lf Fuel surchge-lf Ticket total	11.78 1.00 1.00	TON LOA PCT	16.00 6.00 5.81	188.48 6.00 5.81 200.29
✓ 01/19/09	833714	Veh#:9d0931 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	17.41 1.00 1.00	TON PCT LOA	16.00 8.51 6.00	278.56 8.51 6.00 293.07
✓ 01/19/09	833717	Veh#:9d8709 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	12.81 1.00 1.00	TON PCT LOA	16.00 6.31 6.00	204.96 6.31 6.00 217.27
✓ 01/19/09	833722	Veh#:9a7787 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	17.26 1.00 1.00	TON PCT LOA	16.00 8.44 6.00	276.16 8.44 6.00 290.60
✓ 01/19/09	833738	Veh#:9a1520 Man#: waf Pc soil reg-c&d Gnrtr:164-du Fuel surchge-lf Environmental fee-lf Ticket total	15.30 1.00 1.00	TON PCT LOA	16.00 7.50 6.00	244.80 7.50 6.00 258.30



WASTE MANAGEMENT
ALTAMONT LANDFILL & RESOURCE RECOVERY
10840 ALTAMONT PASS RD
LIVERMORE CA 94550

Account Number: 554-0001523-2554-4
Invoice Date: 02/01/2009
Invoice Number: 0029106-2554-6
Due Date: Due Upon Receipt
WM ezPay Account ID: 00000-00823-65002

Service Location: 554-1523 Ferma Corporation: 1265 Montecito Avenue #200: Mountain View Ca 94043-4581

Date	Ticket	Description	Quantity	U/M	Rate	Amount
		Late payment fee				0.00
Total Current Charges						4,686.96

000139





WEIGHMASTER-Alhambra Landfill & RRF
 10040 Alhambra Pass Road
 Livermore, CA, 94551
 Ph: (925)455-7000

Original
 Ticket# 833477

Customer Name FermaCorporat Ferma Corporati Carrier Hon App
 Ticket Date 01/15/2009 Vehicle# none
 Payment Type Credit Account Container
 Manual Ticket#
 Billing # 0001523 License#

Manifest
 ID 102787CA
 Profile ()
 Generator

Time	Scale	Deputy Weighmaster	Inbound	Gross
01/15/2009 16:51:11	NABUAI	P. Friddle		Lane
01/15/2009 16:51:11		P. Friddle		Net
				Tons

Comments GEN: Dublin, City of
 102787CA

Product	UOS	QTY	UOM	Rate	Tax	Amount	Origin
WAPP Standard Appr	100	1	Each				Dublin

DRIVER: _____

Total Tax

Total Ticket

Weighmaster 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.



WEIGHMASTER (Altamont Landfill & RRF)
 10040 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925)455-7300

Original
 Ticket# 833707

Customer Name Ferma Corporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 6701220
 Payment Type Credit Account Container
 Manual Ticket# KENS TRK 56MT
 Billing # 0001523 Licensed

Manifest WAF
 PO
 Profile 102707CA (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	70140 lb
In 01/19/2009 09:50:09	Scale 3 d	J Schaeuffler		Tare	32480 lb
Out 01/19/2009 09:50:09		J Schaeuffler		Net	37660 lb
				Tons	18.93

Comments

Product	LD%	Dty	UOM	Rate	Tax	Amount	Origin
1 C2 Cover RSD-Tans	100		Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EUL-Env Fee Lp	100		Load				Dublin

DRIVER: 

Weighmaster Certificate

Total Tax
 Total Ticket

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WEIGHMASTER-Altamont Landfill & RRF
 10040 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925)455-7300

Original
 Ticket# 833710

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# C12075
 Payment Type Credit Account Container
 Manual Ticket# BRANNON 106A
 Billing # 0001527 License#

Manifest UAF
 PG
 Profile 10278700 (Class II Cover*Ferma Corp*Dublin City of)
 Generator 104-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	53960 lb
In 01/19/2009 10:04:15	Scale 3 d	J Schaeuffler		Tare	30400 lb
Out 01/19/2009 10:04:15		J Schaeuffler		Net	23560 lb
				Tons	11.78

Comments

Product	ID%	Qty	UOM	Rate	Tax	Amount	Origin
1 CB Cover H50-Tons-	100	11.78	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EMI-Env Fee Lg. -	100	1	Load				Dublin

DRIVER: 



Weighmaster Certificate

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Total Tax
 Total Ticket



WEIGHMASTER-Altamont Landfill & RRF
 16840 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 455-7300

Original
 Ticket# 833738

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9A15206MT
 Payment Type Credit Account Container
 Manual Ticket# JN 50MT
 Billing # 0001523 License#

Manifest waf
 PO
 Profile 1027B7CA (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	lb
In 01/19/2009 11:33:00	Scale 3 d R Rojas			Tare	31900 lb
Out 01/19/2009 11:33:00	R Rojas			Net	39600 lb
				Tons	15.30

Comments

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 CE Cover RSC-Tons-	100	15.30	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EVL-Env Fee lg. -	100	1	Load				Dublin

DRIVER: *[Signature]*

Weighmaster Certificate

Total Tax
 Total Ticket

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WEIGHMASTER-Altamont Landfill & RRF
 10846 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 455-7300

Original
 Ticket# 933717

Customer Name Ferma Corporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9087095
 Payment Type Credit Account Container
 Manual Ticket# JD TRUCKING LA
 Billing # 0001523 License#

Manifest R0F
 Profile 1027870A (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	56340 lb
In 01/19/2009 10:16:12	Scale 3 d	J Schaeuffler		Tare	30720 lb
Out 01/19/2009 10:16:12		J Schaeuffler		Net	25620 lb
				Tons	12.81

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	CR Cover RSC-Tons-	100	12.81	Tons			Dublin
2	FUEL-Fuel Surcharg	100	%				Dublin
3	FVL-Env Fee Lg-	100	1	Lead			Dublin

DRIVER: 

Total Tax
 Total Ticket

Weighmaster Certificate

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WEIGHMASTER-Altamont Landfill & RRF
 10040 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 455-7300

Original
 Ticket# 833714

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9009310
 Payment Type Credit Account Container
 Manual Ticket# TTC INC T06UT
 Billing # 0001523 License#

Manifest MAF
 PO
 Profile 10P7870A (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	66540 lb
In 01/19/2009 10:11:44	Scale 2 d	J Schaeuffler		Tare	31720 lb
Out 01/19/2009 10:11:44		J Schaeuffler		Net	34820 lb
				Tons	17.41

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 CE Cover RGC-Tons-	100	17.41	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EWL Env Fee lg. -	100	1	Load				Dublin

DRIVER: 

Weighmaster 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.

Total Tax
 Total Ticket





WEIGHMASTER-Altamont Landfill & RRF
 10000 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 435-7300

Original
 Ticket# 833662

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9D09310
 Payment Type Credit Account Container
 Manual Ticket# TTC INC T06HT
 Billing # 0001523 License#

Manifest waf
 #0

Profile 16278700 (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164 DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	
To 01/19/2009 07:40:45	Scale 3 d	J Schaeuffler		64720	1b
Out 01/19/2009 07:40:45		J Schaeuffler		Tare	31780 1b
				Net	33000 1b
				Tons	16.50

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 CR Cover RGC-Tons	100	16.50	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EUL-Eav Fee Lq.	100	1	Load				Dublin

DRIVER: 

Weighmaster Certificate

Total Ticket

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WEIGHMASTER-Altamont Landfill & RRF
 10040 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925)455-7300

Original
 Ticket# 033685

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9D87093
 Payment Type Credit Account Container
 Manual Ticket# JD TRUCKING10
 Billing # 0001523 License#

Manifest waf
 PO
 Profile 10278700 (Class II Cover*Ferma Dump*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	65000 lb
In 01/19/2009 07:46:16	Scale 3 d	J Schaeuffler		Tare	30720 lb
Out 01/19/2009 07:46:16		J Schaeuffler		Net	34280 lb
Comments				Tons	17.14

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1	02 Cover RBC-Tons-	100	17.14	Tons			Dublin
2	FUEL-Fuel Surcharg	100	%				Dublin
3	EVL-Env Fee Lg. -	100	1	Load			Dublin

DRIVER: JD

Weighmaster Certificate

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Total Tax
 Total Ticket



WEIGHMASTER-Altamont Landfill & RRF
 10840 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925)455-7300

Original
 Ticket# 833669

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 3A15206MT
 Payment Type Credit Account Container
 Manual Ticket# JN 501UT
 Billing # 0001523 Licensed

Manifest waf
 Profile 1027870A (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	71000 lb
In 01/19/2009 07:53:39	Scale 3 d J Schaeuffler			Tare	31900 lb
Out 01/19/2009 07:53:39	J Schaeuffler			Net	39700 lb
Comments				Tons	19.85

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 CR Cover REC-Tons-	100	19.85	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EVL-Env Fee Lg. -	100	1	Load				Dublin

DRIVER: *Jerry Jones*

Weighmaster Certificate

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Total Tax
 Total Ticket



WEIGHMASTER-Altamont Landfill & RRF
 10840 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925)453-7300

Original
 Ticket# 033566

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9A77878
 Payment Type Credit Account Container
 Manual Ticket# GARCIA TRK. 7
 Billing # 0001523 License#

Manifest waf
 PO
 Profile 102707CA (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	66940 lb
In 01/19/2009 07:49:19	Scale 3 d J Schaeffler			Tare	31740 lb
Out 01/19/2009 08:07:51	Scale1 InR Rojas			Net	35200 lb
				Tons	17.61

Comments

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 C2 Cover RSC-Tons	100	17.61	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EVL-Env Fee Lg.	100	1	Load				Dublin

DRIVER: *[Signature]*

Weighmaster Certificate

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WEIGHMASTER-Altamont Landfill & RRF
 10040 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 485-7300

Original
 Ticket# 833676

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 6781220
 Payment Type Credit Account Container
 Manual Ticket# KENS TRK 56MT
 Billing # 0001523 License#

Manifest waf
 PG
 Profile 102707CA (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	71360 lb
In 01/19/2009 08:14:51	Scale1 In R Rojas			Tare	32480 lb
Out 01/19/2009 08:14:51		R Rojas		Net	38880 lb
				Tons	19.44

Comments

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 CR Cover R60-Tons	100	19.44	Tons				Dublin
2 FUEL-Fuel Surchang	100		%				Dublin
3 EVL-Env Fee Lg.	100	1	Lead				Dublin

DRIVER:

Weighmaster 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.



WEIGHMASTER-Altamont Landfill & RRF
 10040 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 455-7300

Original
 Ticket# 833677

Customer Name Ferma Corporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# C120ATS
 Payment Type Credit Account Container
 Manual Ticket# BRANNON 106A
 Billing # 0001523 License#

Manifest waf
 PO
 Profile 102787CA (Class II Cover*Ferma Corp*Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	67980 lb
In 01/19/2009 09:17:07	Scale 3.d J Schaeuffler			Tare	30400 lb
Out 01/19/2009 09:17:07	J. Schaeuffler			Net	37580 lb
Comments				Tons	18.79

Product	LDX	Dty	UOM	Rate	Tax	Amount	Origin
1 CR Cover R50-Tons-	100	18.79	Tons				Dublin
2 FUEL-Fuel Surchang	100		%				Dublin
3 EWL-Env Fee Lq. -	100	1	Load				Dublin

DRIVER: *Vincent Br...*

Weighmaster Certificate

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Total Tax
 Total Ticket



WEIGHMASTER-Altamont Landfill & RRF
 10840 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925)455-7300

Original
 Ticket# B33693

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9005319
 Payment Type Credit Account Container
 Manual Ticket# TTC INC 106WT
 Billing # 0001323 License#

Manifest WOF
 PG
 Profile 102787CR (Class II Cover^Ferma Corp^Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	71300 lb
In 01/19/2009 09:00:30	Scale 3 d	J Schaeffler		Tare	31720 lb
Out 01/19/2009 09:00:30		J Schaeffler		Net	39580 lb
Comments				Tons	19.79

Product	LDX	Qty	UOM	Rate	Tax	Amount	Origin
1 C2 Cover RBC-Tons	100	19.79	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EVL-Env Fee Lp.	100	1	Load				Dublin

DRIVER:

Total Tax
Total Ticket

Weighmaster 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.



WEIGHMASTER-Altamont Landfill & RRF
 10840 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 455-7300

Original
 Ticket# 833696

Customer Name Ferma Corporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 5087090
 Payment Type Credit Account Container
 Manual Ticket# JD TRUCKING10
 Billing # 0001523 License#

Manifest WAF
 PG
 Profile 1027870A (Class II Cover*Ferma Corp*Dublin City of)
 Generator 1EA-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	63320	lb
In 01/19/2009 09:04:32	Scale 3 d R Rojas			Tare	30720	lb
Out 01/19/2009 09:04:32	R Rojas			Net	32600	lb
Comments				Tons		16.30

Product	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 CR Cover RGD-Tons-	100	16.30	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EVL-Env Fee Lg. -	100	1	Lead				Dublin

DRIVER: 

Weighmaster 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.

Total Tax
 Total Ticket



WEIGHMASTER-Altamont Landfill & WRF
 10040 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925)455-7300

Original
 Ticket# 033698

Customer Name FermaCorporat Ferma Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 9A7787B
 Payment Type Credit Account Container
 Manual Ticket# GARCIA TRK. 7
 Billing # 0001523 License#

Manifest MAF
 PD
 Profile 1027B/CA (Class II Cover*Ferma Corp*Dublin City of)
 Behavior 164-DublinCityof Dublin Cityof

	Time	Scale	Deputy Weighmaster	Inbound	Gross	70420
In	01/19/2009 09:16:11	Scale 3 d R	R Rojas		Tare	31740
Out	01/19/2009 09:16:11		R Rojas		Net	38680
					Tons	19.1

Comments

Product	LD%	Qty	WTM	Rate	Tax	Amount	Origin
1 02 Cover ROC-Tons-	100	19.34	Tons				Dublin
2 FUEL-Fuel Surcharg	100		%				Dublin
3 EWL-Env Fee Lg.	100	1	Load				Dublin

DRIVER: Sal G.

Weighmaster Certificate

Total Tax
 Total Ticket

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WEIGHMASTER-Altamont Landfill & RRF
 10840 Altamont Pass Road
 Livermore, CA, 94551
 Ph: (925) 455-7300

Original
 Ticket# 833701

Customer Name Ferasa Corporat Ferasa Corporati Carrier GEN Altamont Generic
 Ticket Date 01/19/2009 Vehicle# 2015206WT
 Payment Type Credit Account Container
 Manual Ticket# JN 501WT
 Billing # 0001523 License#

Manifest WAF
 PO
 Profile 102787CA (Class II Cover-Ferasa Corp-Dublin City of)
 Generator 164-DublinCityof Dublin City of

Time	Scale	Deputy Weighmaster	Inbound	Gross	72460
In 01/19/2009 09:21:27	Scale 3 d R Rojas			Tare	31900
Out 01/19/2009 09:21:27	R Rojas			Net	40560
				Tons	20

Comments

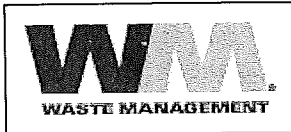
Product	LD%	Qty	UDM	Rate	Tax	Amount	Origi
1 CR Cover RBC-Tons- 100		20.28	Tons				Dublin
2 FUEL-Fuel Surchang 100			%				Dublin
3 EVL-Env Fee Lg. - 100		1	Load				Dublin

DRIVER: *San Juan*

Weighmaster Certificate

Total Tax
 Total Ticket

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 (commenting 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 Summary Report (legal) WEIGHMASTER-Altamont Landfill & RRF: S04305 (USA)

Date 01/01/2009 12:00 AM to 01/31/2009 11:59 PM

Customer: Ferma Corporation(FermaCorporat) | Operation Type: All | Ticket Type: All | Customer Type: All | PMT Category: All

Ticket Date	Ticket ID	Cust Code	Customer	Generator	Manifest	Profile	Truck	Material	Mat. Desc.	Origin	Rate	Rt. Unit	Rt. Qty	Yards	Tons	Material Rev.	Tax Rev.	Surch. Rev.	Total
1/19/2009	833662	0001523	Ferma Corporation	164-DublinCity of	waf	102787C A	9D09310	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	16.50	0.0	16.50	\$264.00	\$0.00	\$14.07	\$278.07
1/19/2009	833665	0001523	Ferma Corporation	164-DublinCity of	waf	102787C A	9D87095	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	17.14	0.0	17.14	\$274.24	\$0.00	\$14.38	\$288.62
1/19/2009	833666	0001523	Ferma Corporation	164-DublinCity of	waf	102787C A	9A77878	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	17.61	0.0	17.61	\$281.76	\$0.00	\$14.60	\$296.36
1/19/2009	833669	0001523	Ferma Corporation	164-DublinCity of	waf	102787C A	9A15206 WT	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	19.85	0.0	19.85	\$317.60	\$0.00	\$15.68	\$333.28
1/19/2009	833676	0001523	Ferma Corporation	164-DublinCity of	waf	102787C A	6Z81220	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	19.44	0.0	19.44	\$311.04	\$0.00	\$15.48	\$326.52
1/19/2009	833677	0001523	Ferma Corporation	164-DublinCity of	waf	102787C A	C12CAT S	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	18.79	0.0	18.79	\$300.64	\$0.00	\$15.17	\$315.81
1/19/2009	833693	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	9D09310	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	19.79	0.0	19.79	\$316.64	\$0.00	\$15.65	\$332.29
1/19/2009	833696	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	9D87095	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	16.30	0.0	16.30	\$260.80	\$0.00	\$13.98	\$274.78
1/19/2009	833698	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	9A77878	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	19.34	0.0	19.34	\$309.44	\$0.00	\$15.43	\$324.87
1/19/2009	833701	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	9A15206 WT	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	20.28	0.0	20.28	\$324.48	\$0.00	\$15.88	\$340.36
1/19/2009	833707	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	6Z81220	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	18.83	0.0	18.83	\$301.28	\$0.00	\$15.19	\$316.47
1/19/2009	833710	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	C12CAT S	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	11.78	0.0	11.78	\$188.48	\$0.00	\$11.81	\$200.29
1/19/2009	833714	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	9D09310	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	17.41	0.0	17.41	\$278.56	\$0.00	\$14.51	\$293.07



Customer Summary Report (legal)

WEIGHMASTER-Altamont Landfill & RRF: S04305 (USA)

Date 01/01/2009 12:00 AM to 01/31/2009 11:59 PM

Customer: Ferma Corporation(FermaCorporat) | Operation Type: All | Ticket Type: All | Customer Type: All | PMT Category: All

Ticket Date	Ticket ID	Cust Code	Customer	Generator	Manifest	Profile	Truck	Material	Mat. Desc.	Origin	Rate	Rt. Unit	Rt. Qty	Yards	Tons	Material Rev.	Tax Rev.	Surch. Rev.	Total
1/19/2009	833717	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	9D87095	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	12.81	0.0	12.81	\$204.96	\$0.00	\$12.31	\$217.27
1/19/2009	833722	0001523	Ferma Corporation	164-DublinCity of	WAF	102787C A	9A77878	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	17.26	0.0	17.26	\$276.16	\$0.00	\$14.44	\$290.60
1/19/2009	833738	0001523	Ferma Corporation	164-DublinCity of	waf	102787C A	9A15206 WT	C2 Cover RGC-Tons	Cover Soil meeting Class II requirements	Dublin	\$16.00	TON	15.30	0.0	15.30	\$244.80	\$0.00	\$13.50	\$258.30
Mat. Tot.	16												278.43	0.0	278.43	\$4,454.88	\$0.00	\$232.08	\$4,686.96
1/15/2009	833477	0001523	Ferma Corporation				none	SAPP	Standard Approval Fee (2-5 days)	Dublin	\$85.00	EA	1.00	0.0	0.00	\$0.00	\$0.00	\$85.00	\$85.00
Mat. Tot.	1												1.00	0.0	0.00	\$0.00	\$0.00	\$85.00	\$85.00
Cust. Tot.	17												279.43	0.0	278.43	\$4,454.88	\$0.00	\$317.08	\$4,771.96
Ticket Totals	17												279.43	0.0	278.43	\$4,454.88	\$0.00	\$317.08	\$4,771.96

Customer Summary:

	Loads	Yards	Tons	Ticket Amount
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Internal:

No information was found.

External:

Ferma Corporation	17	0.0	278.43	\$4,771.96
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