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Alameda County
Environmental Health

**UNDERGROUND STORAGE TANK
CLOSURE-IN-PLACE REPORT**

For

**Two 2,000-gallon, One 1,500-gallon Petroleum Tanks
and Two 2,000-gallon Creosote Tanks**

At

**Alameda County
Assessor's Parcel Number 001-0125-001
aka 626/638 Second Street
Oakland, California**

Prepared for:
Cardanal Partners, LLC

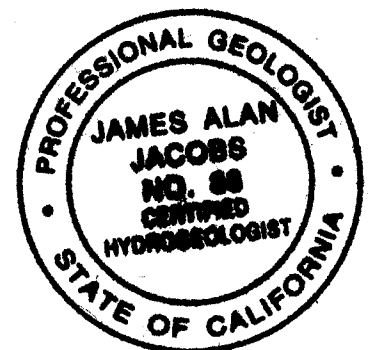
Represented by:
Daniel Altwarg

Prepared by:

A handwritten signature in black ink, appearing to read "Matthew Ryder-Smith".

Matthew Ryder-Smith
Project Manager

Reviewed by:

A handwritten signature in black ink, appearing to read "James A. Jacobs".
James A. Jacobs, P.G.#4815; C.H.G.#88
Chief Hydrogeologist

June 21, 2007

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ATTACHMENTS

- Attachment A: Kiff Reports 49471 (Tank I), 49279 (Tanks II & III), 55820 (Tank III), 47803 (Tank IV), 48663 (Tank V)
- Attachment B: Oakland Fire Department Field Notes
- Attachment C: Abandonment of Tank in Place Permit (Fire Department), Excavation/Minor Encroachment/Obstruction and Traffic Control Permits (Building/Public Works Department)
- Attachment D: CEM Transportation/Treatment Facility Receipt (Manifests)
- Attachment E: Kiff Reports 56249 (Tank IV), 56712 (Tank V) - Wipe Sample Results
- Attachment F: Concrete Delivery Tickets



1.0 INTRODUCTION

Clearwater Group (Clearwater) is pleased to present this report detailing the activities related to the cleaning and closure-in-place of one 1,500-gallon and two 2,000-gallon petroleum underground storage tanks (USTs) and two 2,000-gallon creosote USTs at 626 Second Street in Oakland, California (Assessor's Parcel Number [APN] 001-0125-001) (*Subject Property*) (**Figures 1 and 2**), on behalf of its client, Cardanal Partners, LLC, of which Mr. Daniel Altwarg is managing member. The property is owned by Cardanal Partners, LLC, and is primarily occupied by "Markus Supply Ace Hardware," a dba of Darbri Corporation.

Clearwater was responsible for project management of the closure-in-place activities including project coordination, permitting, sampling, and report preparation. Clearwater Environmental Management (CEM) of Union City, California, performed the tank cleaning, and removal and transportation of the waste liquid under non-RCRA (Resource Conservation and Recovery Act) hazardous waste liquids manifests. The liquid waste was processed at the Alviso Independent Oil Facility in Alviso, California. Berkeley Concrete Pumping (BCP) of Berkeley, California, operated the concrete pump to fill the USTs. Hanson Aggregates Mid-Pacific, Inc. (Hanson) of Pleasanton, California, and Right Away Redy Mix, Inc. (Right Away) of Oakland, California, supplied the concrete. Photographs of the work are located in the **Photographs Section**. Lab reports (soil, liquids and wipe), permits (tank, excavation, traffic and obstruction), and manifests (liquids) are included as **Attachments**.

2.0 BACKGROUND INFORMATION

2.1 Site Description

The *Subject Property* occupies a large portion of a city block west of State Highway 880 and east of Jack London Square. It is bounded by Martin Luther King Jr. Way (formerly Grove Street) to the west-north-west, Second Street to the west-south-west, Third Street to the east-north-east, and a parking area to the east-south-east. See **Figure 1**.

2.2 UST Specifications

There are five USTs between Martin Luther King Jr. Way and Jefferson Street in the area of the Second Street sidewalk (see **Figure 2**). The tank identifying numbers are drafted



in small rectangles in the upper left-hand corner of each tank outline on Figure 2. The tank contents were sampled, and the laboratory report number (#) for each sampling event is listed in the table below (lab reports in **Attachment A**).

UST #	Capacity (gallons)	Current Contents	Kiff Lab #
I	1,500	Petroleum hydrocarbons & water	49471
II	2,000	Petroleum hydrocarbons & water	49279
III	2,000	Petroleum hydrocarbons & water	55820
IV	2,000	Creosote & water	47803
V	2,000	Creosote & water	48663

3.0 SCOPE OF WORK

The tasks required to complete the project, with the associated list of companies who conducted the work, are included below:

- Permitting (Clearwater of Pt. Richmond), *Section 5, following*;
- Removal of UST contents, triple rinsing of tank, and final pump-out of the UST contents, with subsequent transportation and disposal of all liquids at the Alviso Independent Oil Facility in Alviso, California (CEM, Inc. of Union City), *Section 6.0, following*;
- Removal of all three vent pipes and proper disposal (Clearwater);
- Collection of UST wipe samples from each of two creosote tanks (Clearwater of Pt. Richmond), *Section 6.1, following*;
- Analyses of the two UST wipe samples (Kiff Analytical)
- Concrete fill – tanks and vent pipe holes (Hanson/BCP), *Section 7.0, following*;
- Closure-in-Place Report preparation (Clearwater of Pt. Richmond)

4.0 UST CLOSURE-IN-PLACE ACTIVITIES

The closure-in-place was permitted on June 26, 2006, by the City of Oakland Fire Department (OFD). The closure-in-place was completed in two events over three days



from May 1 to May 2, 2007, and May 25, 2007. On May 1 to May 2, 2007, USTs I, II, III, and IV were triple rinsed, pumped out, and filled with concrete. See **Plate 1** for photographs of CEM cleaning and pumping out the USTs.

Following the pumping and cleaning of UST V on May 1, a creosote/water liquid mix continued to fill that UST. Therefore, the OFD staff requested that Clearwater determine the source of the creosote and postpone the closure of UST V. Clearwater staff monitored the creosote level in UST V over a 2-week period following the May 2 cleaning event and determined that the volume of creosote had not increased in that period. The most logical hypothesis that was proposed is that the creosote was draining into the UST from an abandoned delivery line. There are two facts that support this hypothesis: it is unlikely that the creosote was entering the UST from outside the tank, because 1) the flow of creosote into the tank was too fast and 2) results from laboratory tests on soil and groundwater samples taken from below and the ends of the tank did not report detection of any creosote compounds (results reported in the February 27, 2007 - *Interim Underground Storage Tank Closure-in-Place Soil and Groundwater Investigation Report*).

On May 25, 2007, Clearwater staff and CEM remobilized to the *Subject Property* to triple rinse (steam clean) UST V again and pump out the contents with a vacuum truck. After this pumping cleaning event, no creosote was observed coming into the UST. The UST was subsequently filled with concrete. See **Plate 2** for photographs showing concrete-pumping activities.

The OFD field notes detailing the closure-in-place activities and the signed Certificates of Tank and Equipment Inspection are included as **Attachment B and Attachment C**, respectively.

5.0 PERMITTING

Clearwater submitted / obtained the following forms and permits:

1. UST Closures-in-Place Permits, Oakland Fire Department (OFD), number T06-0038 dated June 26, 2006.



2. Minor Encroachment Permit, City of Oakland Community and Economic Development Agency Building Services Division, number ENMI 07063 dated February 14, 2007.
3. Traffic Control Permits, City of Oakland Public Works Agency - Transportation Services Division, permit numbers 07-0074 and 07-0093.
4. Excavation Permit, City of Oakland Community and Economic Development Agency Building Services Division, number X0700276, dated March 21, 2007.
5. Encroachment Permits, City of Oakland Community and Economic Development Agency Building Services Division, numbers OB070281 and OB070368.

Copies of all permits are included as **Attachment C**.

6.0 UST TRIPLE RINSING, VACUUM REMOVAL OF LIQUIDS, TRANSPORTATION AND DISPOSAL

During the planning stages, the liquid contents in USTs I, II, and III were determined to be a gasoline/diesel/water mix. USTs IV and V were determined to contain a creosote/water mix.

On May 1, 2007, CEM removed all liquids from the five USTs using a vacuum truck. CEM triple rinsed (steam cleaned) the USTs with potable water and a cleaning agent. Approximately 2,500 gallons of product and rinse water were pumped out and transported off-site as Non-RCRA Hazardous Waste Liquid (manifest #002100825) for treatment at the Alviso, California, plant. On May 2, 2007, CEM pumped out an additional 50 gallons of groundwater (that came into the tanks overnight) (manifest #002100831) before the tanks were filled with concrete.

On May 25, 2006, CEM remobilized to the site to pump out and clean UST V. A total of 375 gallons of product and rinse water were pumped out and transported off-site as Non-RCRA Hazardous Waste Liquid (manifest #002100823) for treatment at the Alviso, California, plant.

The three manifests are included as **Attachment D**.



6.1 Wipe Sampling – USTs IV and V

One wipe sample was collected from each of the two USTs containing creosote (USTs IV and V). Each sample was collected by attaching the wipe to a long rod, which was lowered into the UST and wiped along the wall of the tank. The wipe samples were placed into an inert glass container secured with a screw lid, sent to Kiff Analytical of Davis, California, under chain-of-custody (COC) and analyzed for the following analytes:

- Semi-Volatile Organic Compounds (EPA Method 8270C).

This sampling was requested by the OFD. Sample results are included as **Attachment E** and are consistent with the contents of the tanks.

7.0 UST CLOSURE - FILLING OF USTs WITH CONCRETE

On May 2, 2007, four of the five USTs (USTs I through IV) were filled with concrete. BCP used a pump truck with a 2" delivery hose to fill the USTs. The concrete was delivered by Hanson in 9-cubic yard loads and had the following specifications:

- 5 sack grout mix with an 8" slump.

A total of 45-cubic yards of concrete was delivered to the site. Each 2,000-gallon UST took approximately 10-cubic yards of concrete to fill.

On May 25, 2007, UST V was filled with concrete. BCP operated the pump and one 9-cubic yard load of concrete was delivered by Right Away. The concrete mix was a 4-sack sand slurry with an 8" slump.

The six concrete delivery tickets are included as **Attachment F**.

8.0 CONCLUSIONS

The five USTs at the *Subject Property* have been closed in place, and this closure was directed, supervised, and approved by OFD staff. On behalf of the property owner, Clearwater requests that OFD staff issue a final letter stating that the USTs have been closed-in-place.



As part of the UST closure activities, two 2 foot square metal vaults were installed in the sidewalk in order to gain access to USTs II and III. Clearwater has submitted a traffic control plan for sidewalk closure, and once this plan is approved, the two sidewalk panels in question will be broken out and re-paved per City of Oakland specifications.

9.0 LICENSED PROFESSIONALS

All projects are directed by in-house licensed professionals. These professionals, including geologists or engineers, shall be guided by the highest standards of ethics, honesty, integrity, fairness, personal honor, and professional conduct. To the fullest extent possible, the licensed professional seeks to protect the public health and welfare and property in carrying out professional duties. In the course of normal business, recommendations by the in-house professional may include the use of equipment, services or products in which the Clearwater has an interest. Therefore, Clearwater is making full disclosure of potential or perceived conflicts of interest to all parties.

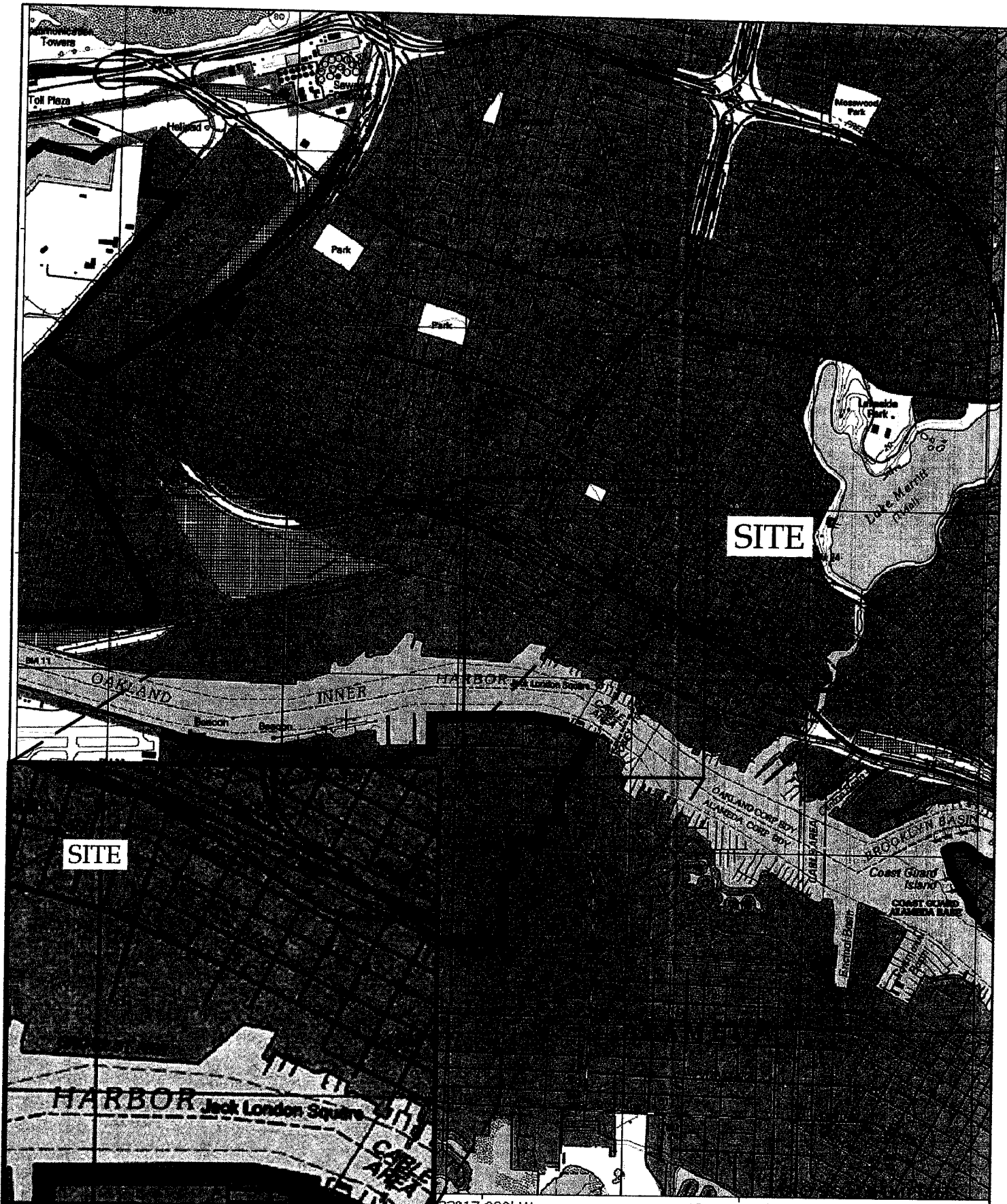
10.0 CERTIFICATION

This report was prepared under the supervision of a Professional Geologist in the State of California. All statements, conclusions, and recommendations are based solely upon field observations by Clearwater staff and laboratory analyses performed by a State-of-California-certified laboratory on samples provided by Clearwater.

Information and interpretation presented herein are for the sole use of the client and regulating agency. The information and interpretation contained in this document should not be relied upon by a third party.

The service provided by Clearwater staff has been conducted in a manner consistent with the level of care and skill ordinarily exercised by members of this profession currently practicing under similar conditions in the area of the site. No other warranty, expressed or implied, is made.

FIGURES



SITE LOCATION MAP

Cardanal Partners, LLC
 APN 001-125-001, Oakland, California

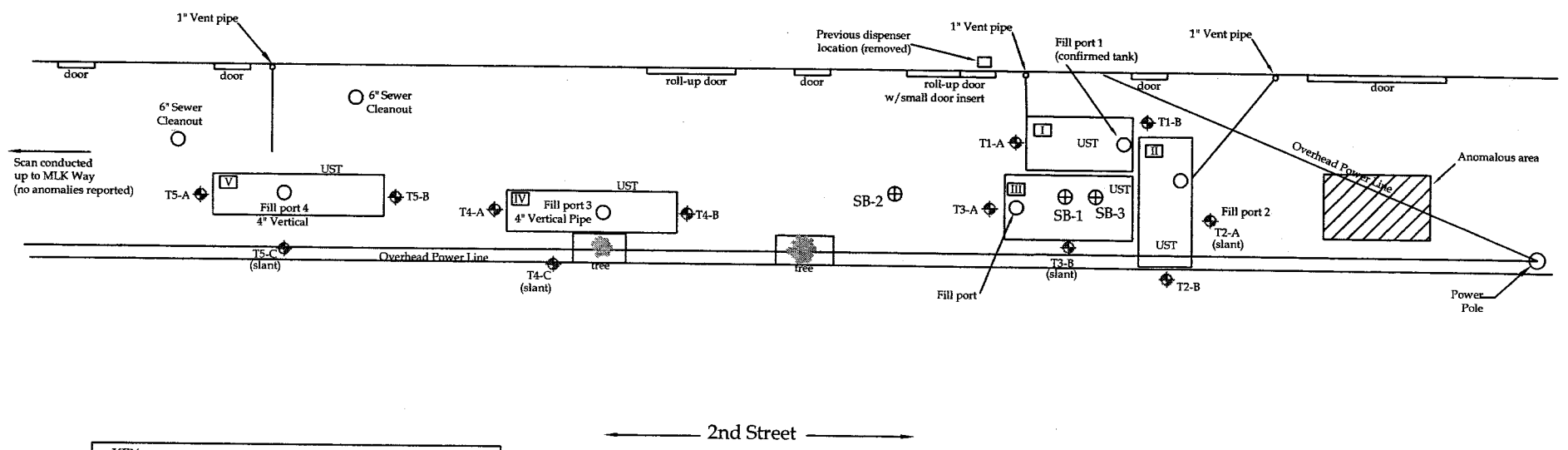
CLEARWATER GROUP

Project No.
 GB001C

Figure Date
 2/07

Figure
 1

Markus Supply
Ace Hardware
Building



KEY:

- ⊕ Boring (locations approximate) for samples taken in 1996
- Fill port
- I Tank #
- Tank Outline
- ◆ Soil and Groundwater Sampling Locations

TANK DIMENSIONS

- I - 10' x 5'
- II - ~12' x 6'
- III - 12' x 5'
- IV - 16' x 4.5'
- V - 16' x 4.5'

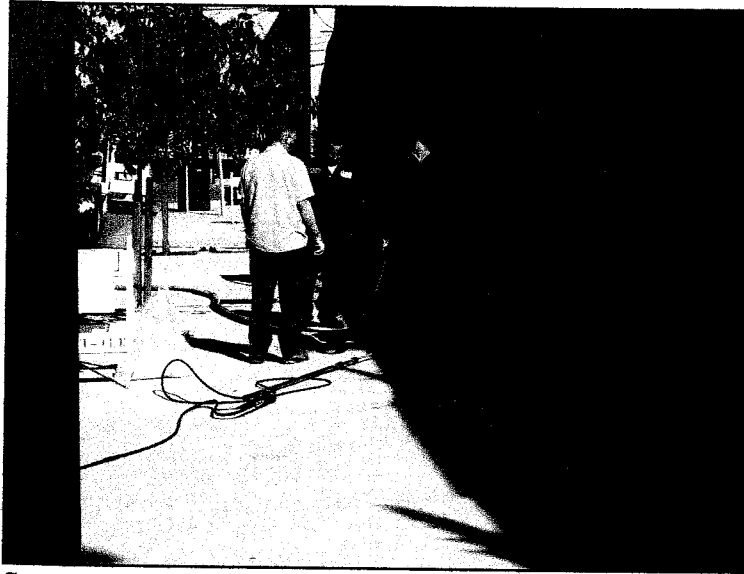
Scale 1" = 15'

0 15 30
APPROXIMATE SCALE IN FEET

Site Plan
Cardanal Partners, LLC
APN 001-125-001, Oakland, California

CLEARWATER GROUP		
Project No. GB001C	Figure Date 6/04/07	Figure 2

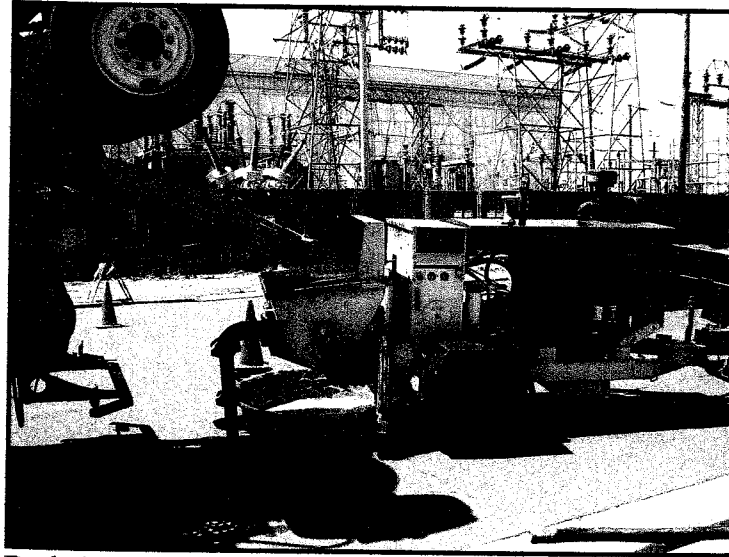
PHOTOGRAPHS



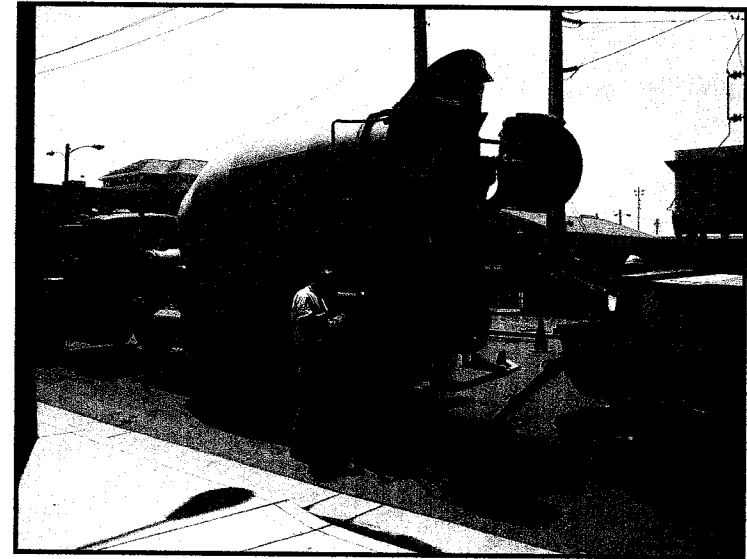
Steam Cleaning UST #4



Clearwater Environmental Management

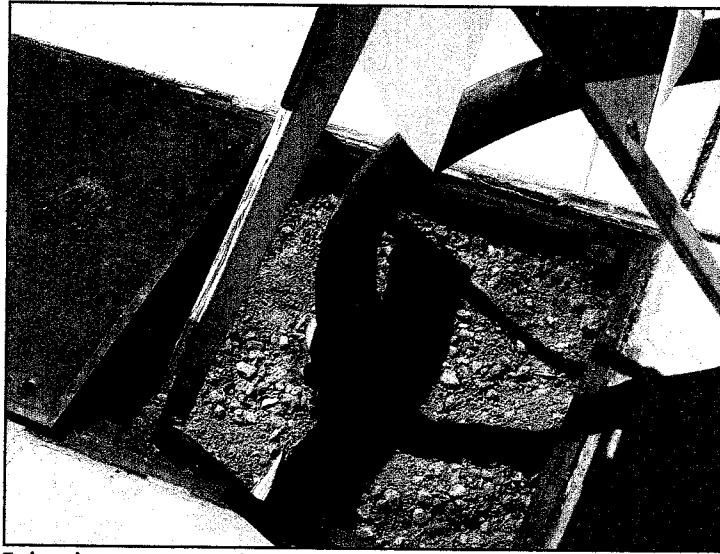


Berkeley Concrete Pumping Rig

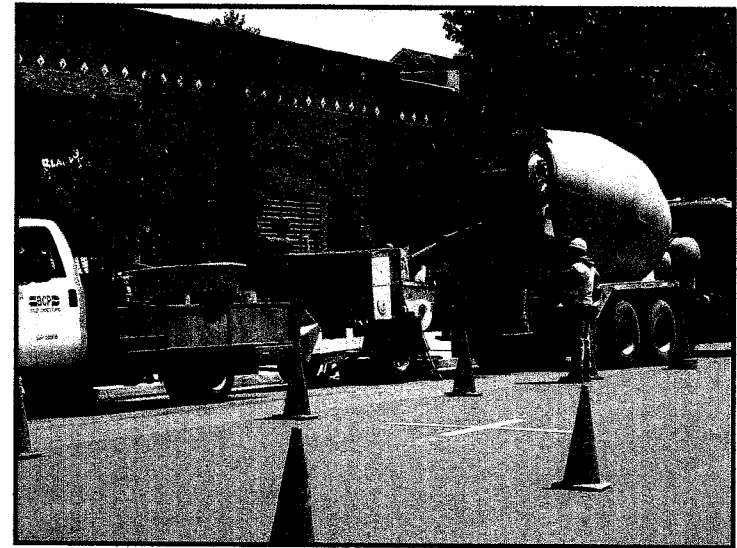


Hanson Concrete Truck

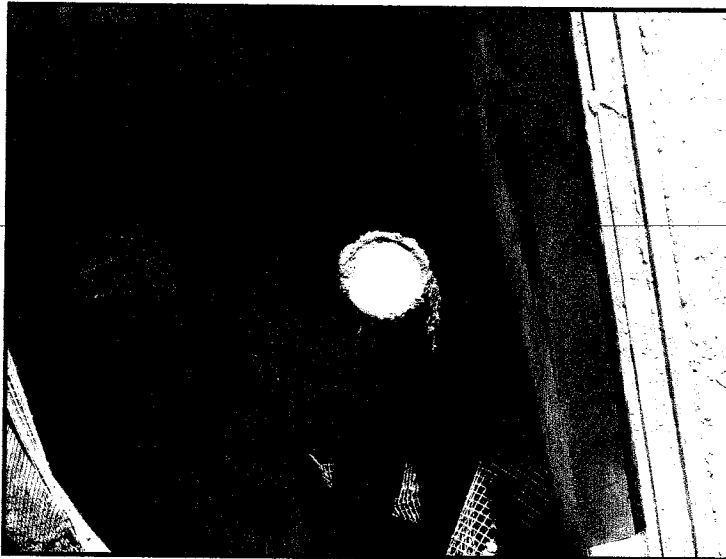
PLATE 1: UST Closure-in-Place Photographs; 626 2nd St, Oakland CA



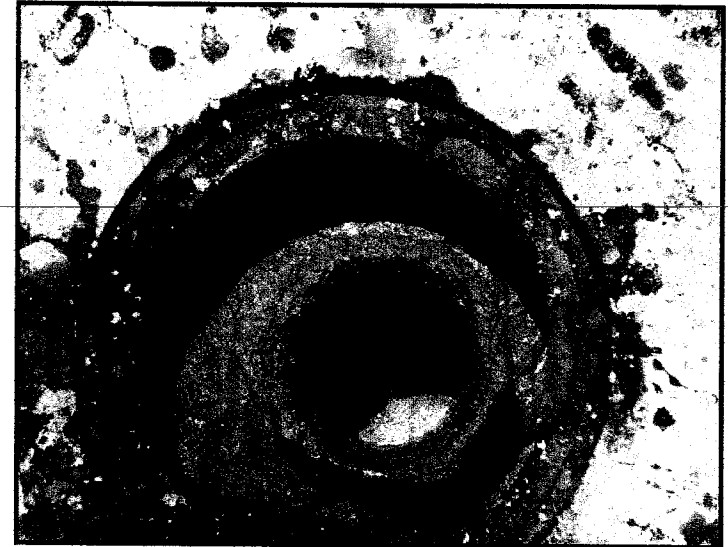
Injecting concrete into UST II



Concrete delivery and pumping



UST III filled with concrete



UST V filled with concrete

ATTACHMENT A



TANK I

Report Number : 49471

Date : 4/19/2006

Matthew Ryder-Smith
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 1 Water Sample
Project Name : Markus Supply
Project Number : GB001C

Dear Mr. Ryder-Smith,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 49471

Date : 4/19/2006

Project Name : **Markus Supply**

Project Number : **GB001C**

Sample : **GB001C-Tank #1**

Matrix : Water

Lab Number : 49471-01

Sample Date : 4/11/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/13/2006
Toluene - d8 (Surr)	99.3		% Recovery	EPA 8260B	4/13/2006
4-Bromofluorobenzene (Surr)	96.9		% Recovery	EPA 8260B	4/13/2006
TPH as Diesel	94	50	ug/L	M EPA 8015	4/13/2006
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	4/13/2006
Octacosane (Diesel Surrogate)	87.5		% Recovery	M EPA 8015	4/13/2006

Approved By:


Joel Kiff

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800

Report Number : 49471

Date : 4/19/2006

QC Report : Method Blank Data

Project Name : **Markus Supply**

Project Number : **GB001C**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 50	50	ug/L	M EPA 8015	4/13/2006
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	4/13/2006
Octacosane (Diesel Surrogate)	92.4		%	M EPA 8015	4/13/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/13/2006
Toluene - d8 (Surr)	95.3		%	EPA 8260B	4/13/2006
4-Bromofluorobenzene (Surr)	95.5		%	EPA 8260B	4/13/2006

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
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KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  _____
Joel Kiff

Report Number : 49471

Date : 4/19/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Markus Supply**

Project Number : **GB001C**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	954	1030	ug/L	M EPA 8015	4/13/06	95.4	103	7.35	70-130	25
Benzene	49457-01	5.9	40.0	40.0	46.8	43.0	ug/L	EPA 8260B	4/13/06	102	92.9	9.56	70-130	25
Toluene	49457-01	1.3	40.0	40.0	42.9	39.5	ug/L	EPA 8260B	4/13/06	104	95.7	8.50	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Report Number : 49471

Date : 4/19/2006

Project Name : **Markus Supply**

Project Number : **GB001C**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	4/13/06	104	70-130
Toluene	40.0	ug/L	EPA 8260B	4/13/06	104	70-130

KIFF ANALYTICAL, LLC

Approved By:


Joe Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



2795 2nd Street Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Lab No. 49471

Page 1 of 1

Project Contact (Hardcopy or PDF To):

Matthew Ryder-Smith

California EDF Report? Yes No

Chain-of-Custody Record and Analysis Request

Company / Address:

220 Tewksbury Ave, Point Richmond, CA

Phone No.:

510-307-9943

Fax No.:

510-232-2823

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

CWGO

Global ID:

EDF Deliverable To (Email Address):

Project Number:

GB001C

P.O. No.:

Project Name:

Markus Supply

Sampler

Signature: *[Signature]*

Project Address:

APN # 001-0125-001-00, Oakland CA 94607

Sampling

Container

Preservative

Matrix

Sample

Designation

Date

Time

40 ml VOA

SLEEVE

POLY

AMBER

Glass

HCl

HNO₃

ICE

NONE

WATER

SOIL

PRODUCT

GB001C - Tank #1

4/11/2006

X

X

BTEX (8021B)

BTEX/TPH Gas/MTBE (8021B/8015)

TPH as Diesel (M8015)

TPH as Motor Oil (M8015)

TPH Gas/BTEX/MTBE (8260B)

5 Oxygenates/TPH Gas (8260B)

7 Oxygenates/TPH Gas (8260B)

5 Oxygenates (8260B)

7 Oxygenates (8260B)

Lead Scav. (1.2 DCA & 1.2 EDB - 8260B)

EPA 8260B (Full List)

Volatile Halocarbons (EPA 8260B)

Lead (7421/239.2) TOTAL M.E.T.

TPHg, TPHd, TPHmo

TAT

12hr

24hr

48hr

72hr

1 wk

2 wk

1 wk

For Lab Use Only

Relinquished by:

[Signature]

Date

04/12

Time

1:35

Received by:

[Signature]

Remarks:

Sample Receipt

Temp of 28 Therm. ID 711

Date 04/12/06 Time 1515

Concent present: Yes No

Relinquished by:

Relinquished by:

Date

04/12/06

Time

1:35

Received by Laboratory:

[Signature] James Alford Kiff Analytical Inc

Some trace amounts of Sulfuric Acid in sample.

Bill to:



TANKs II & III

Report Number : 49279

Date : 04/06/2006

Matthew Ryder-Smith
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 2 Water Samples
Project Name : Markus Supply
Project Number : GB001C

Dear Mr. Ryder-Smith,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Joel Kiff



Report Number : 49279

Date : 04/06/2006

Subject : 2 Water Samples
Project Name : Markus Supply
Project Number : GB001C

Case Narrative

Non-standard containers were received for TPH as Gasoline analysis. Water from the original amber bottle samples was decanted into non-preserved VOA vials prior to TPH as Gasoline analysis.

Approved By: _____

A handwritten signature in black ink, appearing to read "Joe Kiff", is written over a horizontal line. The signature is stylized and cursive.

Joe Kiff



Report Number : 49279

Date : 04/06/2006

Project Name : **Markus Supply**

Project Number : **GB001C**

Sample : **Area II**

Matrix : Water

Lab Number : 49279-01

Sample Date :03/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	250	50	ug/L	EPA 8260B	04/05/2006
Toluene - d8 (Surr)	106		% Recovery	EPA 8260B	04/05/2006
4-Bromofluorobenzene (Surr)	97.8		% Recovery	EPA 8260B	04/05/2006
TPH as Diesel	880	50	ug/L	M EPA 8015	04/01/2006
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	04/01/2006
Octacosane (Diesel Surrogate)	80.0		% Recovery	M EPA 8015	04/01/2006

Sample : **Area III**

Matrix : Water

Lab Number : 49279-02

Sample Date :03/30/2006

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	1200	50	ug/L	EPA 8260B	04/04/2006
Toluene - d8 (Surr)	108		% Recovery	EPA 8260B	04/04/2006
4-Bromofluorobenzene (Surr)	95.2		% Recovery	EPA 8260B	04/04/2006
TPH as Diesel	4000	50	ug/L	M EPA 8015	04/01/2006
TPH as Motor Oil	870	100	ug/L	M EPA 8015	04/01/2006
Octacosane (Diesel Surrogate)	87.4		% Recovery	M EPA 8015	04/01/2006

Approved By:

Joel Kiff

Report Number : 49279

Date : 04/06/2006

QC Report : Method Blank Data

Project Name : **Markus Supply**

Project Number : **GB001C**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 50	50	ug/L	M EPA 8015	04/01/2006
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	04/01/2006
Octacosane (Diesel Surrogate)	72.8		%	M EPA 8015	04/01/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/04/2006
Toluene - d8 (Surr)	97.6		%	EPA 8260B	04/04/2006
4-Bromofluorobenzene (Surr)	103		%	EPA 8260B	04/04/2006
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	04/05/2006
Toluene - d8 (Surr)	108		%	EPA 8260B	04/05/2006
4-Bromofluorobenzene (Surr)	98.6		%	EPA 8260B	04/05/2006

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
------------------	-----------------------	-------------------------------	--------------	------------------------	----------------------

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 49279

Date : 04/06/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate


Project Name : **Markus Supply**

Project Number : **GB001C**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	899	1070	ug/L	M EPA 8015	4/1/06	89.9	107	17.8	70-130	25
Benzene	49292-06	<0.50	40.0	40.0	38.3	37.4	ug/L	EPA 8260B	4/4/06	95.7	93.4	2.37	70-130	25
Toluene	49292-06	<0.50	40.0	40.0	36.8	36.7	ug/L	EPA 8260B	4/4/06	92.1	91.8	0.351	70-130	25
Benzene	49297-02	<0.50	40.0	40.0	39.0	38.0	ug/L	EPA 8260B	4/5/06	97.4	95.0	2.48	70-130	25
Toluene	49297-02	<0.50	40.0	40.0	41.6	40.8	ug/L	EPA 8260B	4/5/06	104	102	1.77	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:  Joel Kiff

Report Number : 49279

Date : 04/06/2006

QC Report : Laboratory Control Sample (LCS)

Project Name : **Markus Supply**

Project Number : **GB001C**

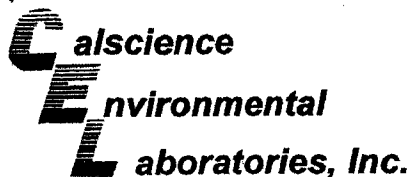
Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	4/4/06	86.3	70-130
Toluene	40.0	ug/L	EPA 8260B	4/4/06	87.2	70-130
Benzene	40.0	ug/L	EPA 8260B	4/5/06	87.7	70-130
Toluene	40.0	ug/L	EPA 8260B	4/5/06	95.4	70-130

KIFF ANALYTICAL, LLC

Approved By:


Joe Kiff

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800



April 07, 2006

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: Calscience Work Order No.: 06-04-0077
Client Reference: Markus Supply

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 4/4/2006 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

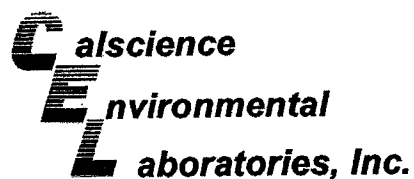
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Nowak", is written over a horizontal line.

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

A handwritten signature in black ink, appearing to read "S. Nowak", is written over a horizontal line.



Analytical Report

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

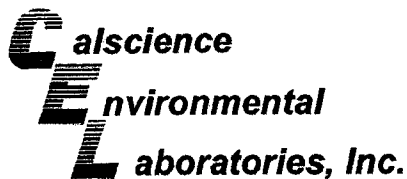
Date Received: 04/04/06
Work Order No: 06-04-0077
Preparation: EPA 3010A Total
Method: EPA 6010B
Units: mg/L

Project: Markus Supply

Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID			
Area II	06-04-0077-1	03/30/06	Aqueous	04/04/06	04/05/06	060404L04			
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Cadmium	0.0270	0.0050	1		Nickel	0.849	0.005	1	
Chromium	0.544	0.005	1		Zinc	70.3	0.1	10	
Lead	0.543	0.010	1						
Area III	06-04-0077-2	03/30/06	Aqueous	04/04/06	04/05/06	060404L04			
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Cadmium	0.399	0.005	1		Nickel	1.97	0.00500	1	
Chromium	1.15	0.00500	1		Zinc	113	0.100	10	
Lead	15.2	0.0100	1						
Method Blank	097-01-003-5,976	N/A	Aqueous	04/04/06	04/05/06	060404L04			
<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>	<u>Parameter</u>	<u>Result</u>	<u>RL</u>	<u>DF</u>	<u>Qual</u>
Cadmium	ND	0.00500	1		Nickel	ND	0.00500	1	
Chromium	ND	0.00500	1		Zinc	ND	0.0100	1	
Lead	ND	0.0100	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

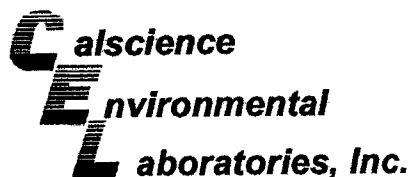
Date Received: 04/04/06
Work Order No: 06-04-0077
Preparation: EPA 3010A Total
Method: EPA 6010B

Project Markus Supply

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
Area II	Aqueous	ICP 3300	04/04/06	04/05/06	060404S04

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	103	101	82-124	2	0-7	
Chromium	97	86	86-122	6	0-8	
Lead	100	87	84-120	6	0-7	
Nickel	95	82	84-120	5	0-7	3
Zinc	4X	4X	89-131	4X	0-8	Q

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate

Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 06-04-0077
Preparation: EPA 3010A Total
Method: EPA 6010B

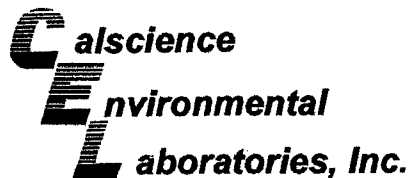
Project: Markus Supply

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
097-01-003-5,976	Aqueous	ICP 3300	04/04/06	04/05/06	060404L04

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Cadmium	106	106	80-120	0	0-20	
Chromium	105	105	80-120	0	0-20	
Lead	106	106	80-120	0	0-20	
Nickel	106	107	80-120	1	0-20	
Zinc	103	103	80-120	0	0-20	

RPD - Relative Percent Difference, CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL: (714) 895-5494 • FAX: (714) 894-7501



Glossary of Terms and Qualifiers

Work Order Number: 06-04-0077

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No.

0077

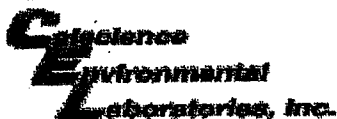
Page 1 of 1

Project Contact (Hardcopy or PDF to): **Troy Turpen** **EDF Report?** Yes No **Chain-of-Custody Record and Analysis Request**

Company/Address: **Kiff Analytical, LLC** Recommended but not mandatory to complete this section:
 Phone No.: FAX No.: **Sampling Company Log Code:**
 Project Number: **GB001C** P.O. No.: **49279** **Global ID:**
 Project Name: **Markus Supply** **E-mail address:** **inbox@kiffanalytical.com**
 Project Address:

Sample Designation	Sampling		Container				Preservative				Matrix			LUFT 5 Metals	Date due:	For Lab Use Only
	Date	Time	Glass	Poly	Sleeve	Amber	HCl	HNO3	NONE	H2SO4	WATER	SOIL				
Area II	03/30/06	1240				1				X	X		X		X	
Area III	03/30/06	1400				1				X	X		X		X	

Relinquished by: <i>[Signature]</i>	Date 04/07/06	Time 1900	Received by:	Remarks: Bill to: Accounts Payable
Relinquished by:	Date	Time	Received by:	
Relinquished by: <i>[Signature]</i>	Date 4-06-06	Time 0830	Received by Laboratory: <i>[Signature]</i>	



WORK ORDER #: **06** - -

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL

DATE: 4-4-06

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 3.2 °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: WVB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: No (Not Intact) : _____ Not Applicable (N/A): _____

Initial: WVB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
VOA vial(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: WVB

COMMENTS:



2795 2nd Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4802

SRG # / Lab No. 49279

Project Contact (Hardcopy or PDF To): <i>Matthew Ryeon-Smith</i>		California EDF Report? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Chain-of-Custody Record and Analysis Request																					
Company / Address: <i>Clearwater Group</i>		Sampling Company Log Code:		Analysis Request										For Lab Use Only											
Phone #: <i>510-307-9943</i>	Fax #: <i>510-332-2023</i>	Global ID:		MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb	MTBE (EPA 8260B) @ 0.5 ppb	BTEX (EPA 8260B)	TPH Gas (EPA 8260B)	5 Oxygenates (EPA 8260B)	7 Oxygenates (EPA 8260B)	Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)	Volatile Halocarbons (EPA 8260B)	Volatile Organics Full List (EPA 8260B)	Volatile Organics (EPA 824.2 Drinking Water)		TPH as Diesel (EPA 8015M)	TPH as Motor Oil (EPA 8015M)	Total Lead (EPA 8010)	W.E.T. Lead (STLC)	TAT						
Project #: <i>G8001C</i>	P.O. #:	EDF Deliverable To (Email Address):												<input type="checkbox"/> 12 hr											
Project Name: <i>Markus Supply</i>		Sampler Signature: <i>Robert L. Nelson</i>												<input type="checkbox"/> 24 hr											
Project Address: <i>626 2nd Street Oakland, CA</i>		Sampling	Container	Preservative	Matrix											<input type="checkbox"/> 48 hr									
Sample Designation	Date	Time	40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	H ₂ O ₂	Water	Soil	Air											<input type="checkbox"/> 72 hr
<i>Area II</i>	<i>3-30</i>	<i>1240</i>								<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													<input checked="" type="checkbox"/> 1 wk
<i>Area III</i>	<i>2006</i>	<i>1400</i>								<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>													

Relinquished by: <i>Robert L. Nelson</i>	Date: <i>3-30-2006</i>	Time:	Received by:	Remarks:	
Relinquished by:	Date:	Time:	Received by:		
Relinquished by:	Date: <i>033106</i>	Time: <i>1540</i>	Received by Laboratory: <i>James Akem Kiff Analytical</i>		
				For Lab Use Only: Sample Receipt	
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
<i>1.8</i>	<i>TJA</i>	<i>033106</i>	<i>1540</i>	<i>TR4</i>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No



Report Number : 55820

Date : 4/12/2007

Matthew Ryder-Smith
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 1 Water Sample
Project Name : MARKUS SUPPLY/ACE HARDWARE
Project Number : GB001F

Dear Mr. Ryder-Smith,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 55820

Date : 4/12/2007

Project Name : **MARKUS SUPPLY/ACE HARDWARE**

Project Number : **GB001F**

Sample : TANK 3

Matrix : Water

Lab Number : 55820-01

Sample Date :4/6/2007

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
TPH as Gasoline	170000	2500	ug/L	EPA 8260B	4/10/2007
Toluene - d8 (Surr)	105		% Recovery	EPA 8260B	4/10/2007
4-Bromofluorobenzene (Surr)	99.2		% Recovery	EPA 8260B	4/10/2007
TPH as Diesel	420000	1000	ug/L	M EPA 8015	4/12/2007
TPH as Motor Oil	1600	1000	ug/L	M EPA 8015	4/12/2007
Octacosane (Diesel Surrogate)	Diluted Out		% Recovery	M EPA 8015	4/12/2007

Approved By:


Joel Kiff

Report Number : 55820

Date : 4/12/2007

QC Report : Method Blank Data

Project Name : **MARKUS SUPPLY/ACE HARDWARE**

Project Number : **GB001F**

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
TPH as Diesel	< 50	50	ug/L	M EPA 8015	4/10/2007
TPH as Motor Oil	< 100	100	ug/L	M EPA 8015	4/10/2007
Octacosane (Diesel Surrogate)	92.4		%	M EPA 8015	4/10/2007
TPH as Gasoline	< 50	50	ug/L	EPA 8260B	4/10/2007
Toluene - d8 (Surr)	99.7		%	EPA 8260B	4/10/2007
4-Bromofluorobenzene (Surr)	98.8		%	EPA 8260B	4/10/2007

<u>Parameter</u>	<u>Measured Value</u>	<u>Method Reporting Limit</u>	<u>Units</u>	<u>Analysis Method</u>	<u>Date Analyzed</u>
------------------	-----------------------	-------------------------------	--------------	------------------------	----------------------

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By:  _____
Joel Kiff

Report Number : 55820

Date : 4/12/2007

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **MARKUS SUPPLY/ACE**

Project Number : **GB001F**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
TPH as Diesel	Blank	<50	1000	1000	1140	1160	ug/L	M EPA 8015	4/10/07	114	116	1.94	70-130	25
Benzene	55835-04	<0.50	39.8	39.5	41.2	40.7	ug/L	EPA 8260B	4/10/07	104	103	0.489	70-130	25
Toluene	55835-04	<0.50	39.8	39.5	42.3	41.6	ug/L	EPA 8260B	4/10/07	106	105	1.02	70-130	25

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By:  Joel Kiff

Report Number : 55820

Date : 4/12/2007

QC Report : Laboratory Control Sample (LCS)

Project Name : **MARKUS SUPPLY/ACE**

Project Number : **GB001F**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
Benzene	40.0	ug/L	EPA 8260B	4/10/07	105	70-130
Toluene	40.0	ug/L	EPA 8260B	4/10/07	107	70-130

KIFF ANALYTICAL, LLC

2795 2nd Street, Suite 300 Davis, CA 95618 530-297-4800

Approved By:


Joel Kiff



Report Number : 47803

Date : 01/17/2006

Matthew Ryder-Smith
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 1 Liquid Sample
Project Name : Altwarg - Cardanal Partners LLC
Project Number : GB001A

Dear Mr. Ryder-Smith,

Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



Report Number : 47803

Date : 01/17/2006

Subject : 1 Liquid Sample
Project Name : Altwarg - Cardanal Partners LLC
Project Number : GB001A

Case Narrative

EPA 8260B results may be biased low for this sample. The sample did not dissolve significantly in the extraction solvent.

Approved By: _____

A handwritten signature in black ink, appearing to read "Joe Kiff", is written over a horizontal line. The signature is stylized and cursive.

Joe Kiff

Sample : GB001A - Product Sample

Project Name : Altwarg - Cardanal Partners

Project Number : GB001A

Lab Number : 47803-01

Date Analyzed : 01/11/06

Matrix : Liquid

Sample Date : 01/05/2006

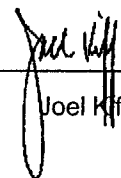
Analysis Method: EPA 8260B

Parameter	Measured Value	MRL ¹	Units	Parameter	Measured Value	MRL ¹	Units
Dichlorodifluoromethane	< 4000	4000	ug/L	Bromofom	< 4000	4000	ug/L
Chloromethane	< 4000	4000	ug/L	1,1,2,2-Tetrachloroethane	< 8000	8000 (2)	ug/L
Vinyl Chloride	< 4000	4000	ug/L	1,2,3-Trichloropropane	< 25000	25000 (2)	ug/L
Bromomethane	< 4000	4000	ug/L	n-Propylbenzene	12000	4000	ug/L
Chloroethane	< 4000	4000	ug/L	Bromobenzene	< 4000	4000	ug/L
Trichlorofluoromethane	< 4000	4000	ug/L	1,3,5-Trimethylbenzene	150000	4000	ug/L
1,1-Dichloroethene	< 4000	4000	ug/L	2+4-Chlorotoluene	< 10000	10000 (2)	ug/L
Methylene Chloride	< 4000	4000	ug/L	tert-Butylbenzene	< 4000	4000	ug/L
trans-1,2-Dichloroethene	< 4000	4000	ug/L	1,2,4-Trimethylbenzene	560000	4000	ug/L
1,1-Dichloroethane	< 4000	4000	ug/L	sec-Butylbenzene	31000	4000	ug/L
2,2-Dichloropropane	< 4000	4000	ug/L	p-Isopropyltoluene	130000	4000	ug/L
cis-1,2-Dichloroethene	< 4000	4000	ug/L	1,3-Dichlorobenzene	< 4000	4000	ug/L
Chloroform	< 4000	4000	ug/L	1,4-Dichlorobenzene	< 4000	4000	ug/L
Bromochloromethane	< 4000	4000	ug/L	n-Butylbenzene	100000	4000	ug/L
1,1,1-Trichloroethane	< 4000	4000	ug/L	1,2-Dichlorobenzene	< 4000	4000	ug/L
1,1-Dichloropropene	< 4000	4000	ug/L	1,2-Dibromo-3-chloropropane	< 4000	4000	ug/L
1,2-Dichloroethane	< 4000	4000	ug/L	1,2,4-Trichlorobenzene	< 4000	4000	ug/L
Carbon Tetrachloride	< 4000	4000	ug/L	Hexachlorobutadiene	< 4000	4000	ug/L
Benzene	< 4000	4000	ug/L	Naphthalene	770000	4000	ug/L
Trichloroethene	< 4000	4000	ug/L	1,2,3-Trichlorobenzene	< 4000	4000	ug/L
1,2-Dichloropropane	< 4000	4000	ug/L	Dibromofluoromethane (Surr)	109		% Recovery
Bromodichloromethane	< 4000	4000	ug/L	1,2-Dichloroethane-d4 (Surr)	98.7		% Recovery
Dibromomethane	< 4000	4000	ug/L	Toluene-d8 (Surr)	96.7		% Recovery
cis-1,3-Dichloropropene	< 4000	4000	ug/L	4-Bromofluorobenzene (Surr)	104		% Recovery
Toluene	< 4000	4000	ug/L				
trans-1,3-Dichloropropene	< 4000	4000	ug/L				
1,1,2-Trichloroethane	< 4000	4000	ug/L				
1,3-Dichloropropane	< 4000	4000	ug/L				
Tetrachloroethene	< 4000	4000	ug/L				
Dibromochloromethane	< 4000	4000	ug/L				
1,2-Dibromoethane	< 4000	4000	ug/L				
Chlorobenzene	< 4000	4000	ug/L				
1,1,1,2-Tetrachloroethane	< 4000	4000	ug/L				
Ethylbenzene	< 4000	4000	ug/L				
P,M-Xylene	26000	8000	ug/L				
O-Xylene	15000	4000	ug/L				
Styrene	< 4000	4000	ug/L				
Isopropyl benzene	8600	4000	ug/L				

1) MRL = Method reporting limit
2) MRL raised due to interference

Approved By:

2795 2nd St., Suite 300 Davis, CA 95616 530-297-4800


Joel Kiff

Report Number : 47803

Date : 01/17/2006

QC Report : Method Blank Data

Project Name : Altwarz - Cardanal Partners LLC

Project Number : GB001A

Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed	Parameter	Measured Value	Method Reporting Limit	Units	Analysis Method	Date Analyzed
Dichlorodifluoromethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	O-Xylene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Chloromethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	Styrene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Vinyl Chloride	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	Isopropyl benzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Bromomethane	< 20	20	ug/L	EPA 8260B	01/10/2006	Bromoform	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Chloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,1,2,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Trichlorofluoromethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,2,3-Trichloropropane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
1,1-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	n-Propylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Methylene Chloride	< 5.0	5.0	ug/L	EPA 8260B	01/10/2006	Bromobenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
trans-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,3,5-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
1,1-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	2*4-Chlorotoluene	< 1.0	1.0	ug/L	EPA 8260B	01/10/2006
2,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	tert-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
cis-1,2-Dichloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,2,4-Trimethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Chloroform	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	sec-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Bromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	p-Isopropyltoluene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
1,1,1-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,3-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
1,1-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,4-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
1,2-Dichloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	n-Butylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Carbon Tetrachloride	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,2-Dichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Benzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,2-Dibromo-3-chloropropane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Trichloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,2,4-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
1,2-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	Hexachlorobutadiene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Bromodichloromethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	Naphthalene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
Dibromomethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,2,3-Trichlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006
cis-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	Dibromofluoromethane (Surr)	109		%	EPA 8260B	01/10/2006
Toluene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	1,2-Dichloroethane-d4 (Surr)	101		%	EPA 8260B	01/10/2006
trans-1,3-Dichloropropene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	Toluene - d8 (Surr)	98.1		%	EPA 8260B	01/10/2006
1,1,2-Trichloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006	4-Bromofluorobenzene (Surr)	100		%	EPA 8260B	01/10/2006
1,3-Dichloropropane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006						
Tetrachloroethene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006						
Dibromochloromethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006						
1,2-Dibromoethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006						
Chlorobenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006						
1,1,1,2-Tetrachloroethane	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006						
Ethylbenzene	< 0.50	0.50	ug/L	EPA 8260B	01/10/2006						
P,M-Xylene	< 1.0	1.0	ug/L	EPA 8260B	01/10/2006						



Approved By: Joel Kiff

Report Number : 47803

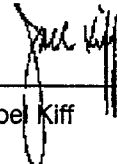
Date : 01/17/2006

QC Report : Matrix Spike/ Matrix Spike Duplicate

Project Name : **Altwarg - Cardanal**

Project Number : **GB001A**

Parameter	Spiked Sample	Sample Value	Spike Level	Spike Dup. Level	Spiked Sample Value	Duplicate Spiked Sample Value	Units	Analysis Method	Date Analyzed	Spiked Sample Percent Recov.	Duplicate Spiked Sample Percent Recov.	Relative Percent Diff.	Spiked Sample Percent Recov. Limit	Relative Percent Diff. Limit
1,1-Dichloroethane	47619-04	<0.50	37.7	40.0	38.4	40.6	ug/L	EPA 8260B	1/11/06	102	101	0.516	70-130	25
Benzene	47619-04	<0.50	37.7	40.0	36.6	39.1	ug/L	EPA 8260B	1/11/06	97.1	97.8	0.716	70-130	25
1,2-Dichloroethane	47619-04	<0.50	37.7	40.0	38.1	39.9	ug/L	EPA 8260B	1/11/06	101	99.7	1.56	70-130	25
Toluene	47619-04	<0.50	37.7	40.0	34.4	36.3	ug/L	EPA 8260B	1/11/06	91.3	90.8	0.546	70-130	25
Chlorobenzene	47619-04	<0.50	37.7	40.0	35.3	37.1	ug/L	EPA 8260B	1/11/06	93.6	92.8	0.926	70-130	25

Approved By:  _____
Joel Kiff

QC Report : Laboratory Control Sample (LCS)

Report Number : 47803

Date : 01/17/2006

Project Name : **Altwareg - Cardanal**


Project Number : **GB001A**

Parameter	Spike Level	Units	Analysis Method	Date Analyzed	LCS Percent Recov.	LCS Percent Recov. Limit
1,1-Dichloroethane	36.7	ug/L	EPA 8260B	1/10/06	98.1	70-130
Benzene	36.7	ug/L	EPA 8260B	1/10/06	94.3	70-130
1,2-Dichloroethane	36.7	ug/L	EPA 8260B	1/10/06	94.4	70-130
Toluene	36.7	ug/L	EPA 8260B	1/10/06	87.6	70-130
Chlorobenzene	36.7	ug/L	EPA 8260B	1/10/06	98.2	70-130

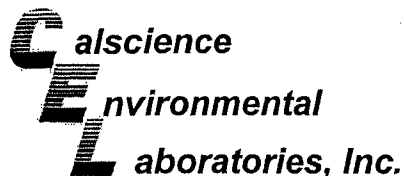
KIFF ANALYTICAL, LLC

2795 2nd St, Suite 300 Davis, CA 95616 530-297-4800

Approved By:



Joe Kiff



January 18, 2006

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 06-01-0416**
Client Reference: **Altwarg-Cardanal Partners LLC**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 1/11/2006 and analyzed in accordance with the attached chain-of-custody.

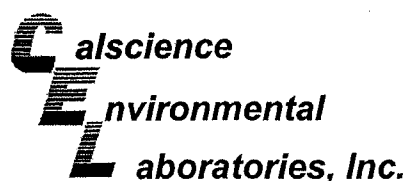
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in cursive script that reads "Amanda Porter for".

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 01/11/06
Work Order No: 06-01-0416
Preparation: EPA 3580A
Method: EPA 8270C
Units: mg/kg

Project: Altwarg-Cardanal Partners LLC

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GB001A-Product Sample	06-01-0416-1	01/05/06	Oil	01/12/06	01/13/06	060112L10

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	100	10		Acenaphthene	ND	100	10	
Aniline	ND	100	10		2,4-Dinitrophenol	ND	1000	10	
Phenol	ND	100	10		4-Nitrophenol	ND	1000	10	
Bis(2-Chloroethyl) Ether	ND	100	10		Dibenzofuran	ND	100	10	
2-Chlorophenol	ND	100	10		2,4-Dinitrotoluene	ND	100	10	
1,3-Dichlorobenzene	ND	100	10		2,6-Dinitrotoluene	ND	100	10	
1,4-Dichlorobenzene	ND	100	10		Diethyl Phthalate	ND	100	10	
Benzyl Alcohol	ND	1000	10		4-Chlorophenyl-Phenyl Ether	ND	100	10	
1,2-Dichlorobenzene	ND	100	10		Fluorene	280	100	10	
2-Methylphenol	ND	100	10		4-Nitroaniline	ND	1000	10	
Bis(2-Chloroisopropyl) Ether	ND	100	10		Azobenzene	ND	100	10	
3/4-Methylphenol	ND	100	10		4,6-Dinitro-2-Methylphenol	ND	1000	10	
N-Nitroso-di-n-propylamine	ND	1000	10		N-Nitrosodiphenylamine	ND	1000	10	
Hexachloroethane	ND	100	10		2,4,6-Trichlorophenol	ND	100	10	
Nitrobenzene	ND	100	10		4-Bromophenyl-Phenyl Ether	ND	100	10	
Isophorone	ND	100	10		Hexachlorobenzene	ND	100	10	
2-Nitrophenol	ND	100	10		Pentachlorophenol	ND	1000	10	
2,4-Dimethylphenol	ND	100	10		Phenanthrene	170	100	10	
Benzoic Acid	ND	1000	10		Anthracene	ND	100	10	
Bis(2-Chloroethoxy) Methane	ND	100	10		Di-n-Butyl Phthalate	ND	100	10	
2,4-Dichlorophenol	ND	100	10		Fluoranthene	ND	100	10	
1,2,4-Trichlorobenzene	ND	100	10		Benzidine	ND	100	10	
Pyridine	ND	100	10		Pyrene	ND	100	10	
Naphthalene	1200	100	10		Butyl Benzyl Phthalate	ND	100	10	
4-Chloroaniline	ND	100	10		3,3'-Dichlorobenzidine	ND	100	10	
Hexachloro-1,3-Butadiene	ND	100	10		Benzo (a) Anthracene	ND	100	10	
4-Chloro-3-Methylphenol	ND	100	10		Bis(2-Ethylhexyl) Phthalate	ND	100	10	
2-Methylnaphthalene	2500	100	10		Chrysene	ND	100	10	
1-Methylnaphthalene	1800	400	10		Di-n-Octyl Phthalate	ND	500	10	
Hexachlorocyclopentadiene	ND	100	10		Benzo (k) Fluoranthene	ND	400	10	
2,4,5-Trichlorophenol	ND	100	10		Benzo (b) Fluoranthene	ND	400	10	
2-Chloronaphthalene	ND	100	10		Benzo (a) Pyrene	ND	500	10	
2-Nitroaniline	ND	1000	10		Indeno (1,2,3-c,d) Pyrene	ND	500	10	
Dimethyl Phthalate	ND	100	10		Dibenz (a,h) Anthracene	ND	500	10	
Acenaphthylene	ND	100	10		Benzo (g,h,i) Perylene	ND	500	10	
3-Nitroaniline	ND	1000	10						
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
2-Fluorophenol	0	25-121		2,1	Phenol-d6	68	24-113		
Nitrobenzene-d5	81	23-120			2-Fluorobiphenyl	120	30-115		2,1
2,4,6-Tribromophenol	75	19-122			p-Terphenyl-d14	125	18-137		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: 01/11/06
 Work Order No: 06-01-0416
 Preparation: EPA 3580A
 Method: EPA 8270C
 Units: mg/kg

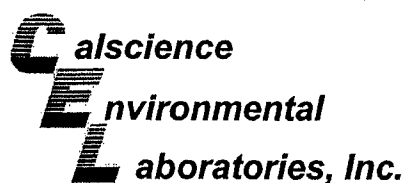
Project: Altwarg-Cardanal Partners LLC

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	096-01-011-194	N/A	Oil	01/12/06	01/13/06	060112L10

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	100	1	
Phenol	ND	10	1		4-Nitrophenol	ND	100	1	
Bis(2-Chloroethyl) Ether	ND	10	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	100	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	100	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	100	1	
N-Nitroso-di-n-propylamine	ND	100	1		N-Nitrosodiphenylamine	ND	100	1	
Hexachloroethane	ND	10	1		2,4,6-Trichlorophenol	ND	10	1	
Nitrobenzene	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Isophorone	ND	10	1		Hexachlorobenzene	ND	10	1	
2-Nitrophenol	ND	10	1		Pentachlorophenol	ND	100	1	
2,4-Dimethylphenol	ND	10	1		Phenanthrene	ND	10	1	
Benzoic Acid	ND	100	1		Anthracene	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Di-n-Butyl Phthalate	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Fluoranthene	ND	10	1	
Pyridine	ND	10	1		Benzidine	ND	10	1	
1,2,4-Trichlorobenzene	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	10	1		3,3'-Dichlorobenzidine	ND	10	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
1-Methylnaphthalene	ND	40	1		Di-n-Octyl Phthalate	ND	50	1	
Hexachlorocyclopentadiene	ND	10	1		Benzo (k) Fluoranthene	ND	40	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	40	1	
2-Chloronaphthalene	ND	10	1		Benzo (a) Pyrene	ND	50	1	
2-Nitroaniline	ND	100	1		Indeno (1,2,3-c,d) Pyrene	ND	50	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	50	1	
Acenaphthylene	ND	10	1		Benzo (g,h,i) Perylene	ND	50	1	
3-Nitroaniline	ND	100	1						
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		
2-Fluorophenol	58	25-121		Phenol-d6	67	24-113			
Nitrobenzene-d5	85	23-120		2-Fluorobiphenyl	94	30-115			
2,4,6-Tribromophenol	85	19-122		p-Terphenyl-d14	95	18-137			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

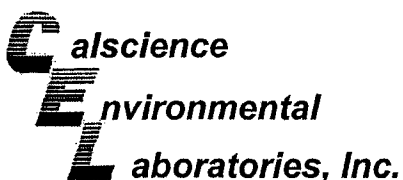
Date Received: 01/11/06
Work Order No: 06-01-0416
Preparation: EPA 3580A
Method: EPA 8270C

Project Altwarg-Cardanal Partners LLC

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GB001A-Product Sample	Oil	GC/MS N	01/01/95	01/13/06	060112S10

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	68	74	20-120	9	0-42	
2-Chlorophenol	70	78	23-134	10	0-40	
1,4-Dichlorobenzene	97	105	20-124	8	0-28	
N-Nitroso-di-n-propylamine	128	130	0-230	1	0-38	
1,2,4-Trichlorobenzene	110	117	44-142	6	0-28	
Acenaphthene	158	149	47-145	5	0-31	3
2,4-Dinitrotoluene	113	111	39-139	1	0-38	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

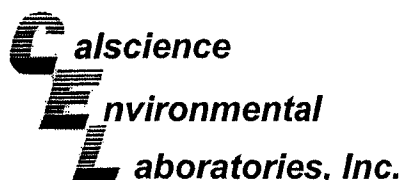
Date Received: N/A
Work Order No: 06-01-0416
Preparation: EPA 3580A
Method: EPA 8270C

Project: Altwarg-Cardanal Partners LLC

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-01-011-194	Oil	GC/MS-N	01/12/06	01/13/06	060112L10

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	80	83	20-120	4	0-42	
2-Chlorophenol	88	92	23-134	4	0-40	
1,4-Dichlorobenzene	104	109	20-124	5	0-28	
N-Nitroso-di-n-propylamine	98	101	0-230	3	0-38	
1,2,4-Trichlorobenzene	102	109	44-142	7	0-28	
Acenaphthene	113	116	47-145	3	0-31	
2,4-Dinitrotoluene	122	127	39-139	4	0-38	

RPD - Relative Percent Difference , CL - Control Limit



Glossary of Terms and Qualifiers



Work Order Number: 06-01-0416

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. DA16 Page 1 of 1

Project Contact (Hardcopy or PDF to): **Troy Turpen** EDF Report? Yes No Chain-of-Custody Record and Analysis Request

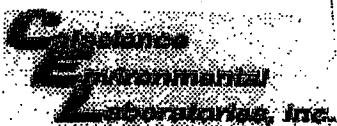
Company/Address: **Kiff Analytical, LLC** Recommended but not mandatory to complete this section:
 Phone No.: FAX No.: Global ID:
 Project Number: **GB001A** P.O. No.: **47803** EDF Deliverable to (Email Address):

Project Name: **Altwarz-Cardinal Partners LLC** E-mail address: **inbox@kiffanalytical.com**

Sample Designation	Sampling		Container			Preservative				Matrix		SVOCs* (EPA 8270)	Date due:	For Lab Use Only	
	Date	Time	Glass Jar	Poly	Amber	HCl	HNO3	ICE	NONE	Na2S2O3	PRODUCT				SOIL
GB001A-Product Sample	1/5/06		1						X		X		X	January 18, 2006	

Relinquished by: <i>[Signature]</i>	Date: <i>1/5/06</i>	Time: <i>1:00</i>	Received by: <i>[Signature]</i>	Remarks: *PLEASE ANALYZE PRODUCT FRACTION ONLY.
Relinquished by: <i>[Signature]</i>	Date:	Time:	Received by:	
Relinquished by: <i>CO</i>	Date: <i>1-11-06</i>	Time: <i>8:50</i>	Received by Laboratory: <i>W. Chatham CE</i>	

Bill to: **Accounts Payable**



WORK ORDER #: 06 - 01 - 0416

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL

DATE: 1-11-06

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 3.2 °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: No (Not Intact) : _____ Not Applicable (N/A): _____

Initial: WB

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VOA vial(s) free of headspace.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: WB

COMMENTS:

TANK V



Report Number : 48663

Date : 03/14/2006

Matthew Ryder-Smith
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 1 Samples
Project Name : Markus Supply
Project Number : GB001A

Dear Mr. Ryder-Smith,

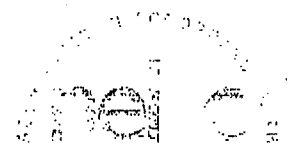
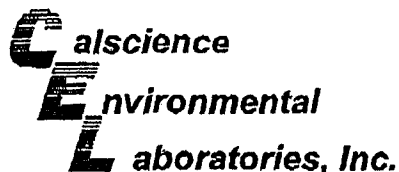
Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



March 14, 2006

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 06-03-0174**
Client Reference: **Markus Supply**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 3/3/2006 and analyzed in accordance with the attached chain-of-custody.

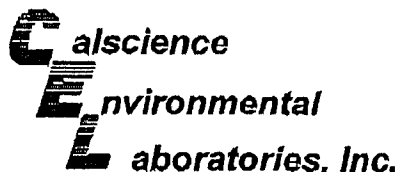
Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

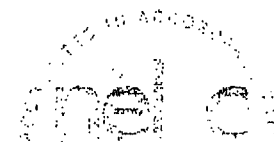
Sincerely,

Amanda Porter for

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 03/03/06
Work Order No: 06-03-0174
Preparation: EPA 3580A
Method: EPA 8270C
Units: mg/kg

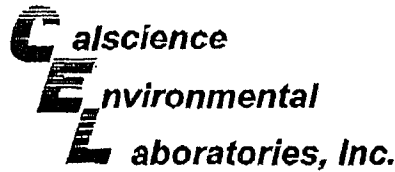
Project: Markus Supply

Page 1 of 2

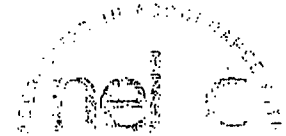
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GB001A-Product Sample 2	06-03-0174-1	02/21/06	OIL	03/02/06	03/06/06	060303L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	100	10		Acenaphthene	ND	100	10	
Aniline	ND	100	10		2,4-Dinitrophenol	ND	1000	10	
Phenol	ND	100	10		4-Nitrophenol	ND	1000	10	
Bis(2-Chloroethyl) Ether	ND	100	10		Dibenzofuran	ND	100	10	
2-Chlorophenol	ND	100	10		2,4-Dinitrotoluene	ND	100	10	
1,3-Dichlorobenzene	ND	100	10		2,6-Dinitrotoluene	ND	100	10	
1,4-Dichlorobenzene	ND	100	10		Diethyl Phthalate	ND	100	10	
Benzyl Alcohol	ND	1000	10		4-Chlorophenyl-Phenyl Ether	ND	100	10	
1,2-Dichlorobenzene	ND	100	10		Fluorene	120	100	10	
2-Methylphenol	ND	100	10		4-Nitroaniline	ND	1000	10	
Bis(2-Chloroisopropyl) Ether	ND	100	10		Azobenzene	ND	100	10	
3/4-Methylphenol	ND	100	10		4,6-Dinitro-2-Methylphenol	ND	1000	10	
N-Nitroso-di-n-propylamine	ND	1000	10		N-Nitrosodiphenylamine	ND	1000	10	
Hexachloroethane	ND	100	10		2,4,6-Trichlorophenol	ND	100	10	
Nitrobenzene	ND	100	10		4-Bromophenyl-Phenyl Ether	ND	100	10	
Isophorone	ND	100	10		Hexachlorobenzene	ND	100	10	
2-Nitrophenol	ND	100	10		Pentachlorophenol	ND	1000	10	
2,4-Dimethylphenol	ND	100	10		Phenanthrene	130	100	10	
Benzoic Acid	ND	1000	10		Anthracene	ND	100	10	
Bis(2-Chloroethoxy) Methane	ND	100	10		Di-n-Butyl Phthalate	ND	100	10	
2,4-Dichlorophenol	ND	100	10		Fluoranthene	ND	100	10	
1,2,4-Trichlorobenzene	ND	100	10		Benzdine	ND	100	10	
Pyridine	ND	100	10		Pyrene	ND	100	10	
Naphthalene	370	100	10		Butyl Benzyl Phthalate	ND	100	10	
4-Chloroaniline	ND	100	10		3,3'-Dichlorobenzidine	ND	100	10	
Hexachloro-1,3-Butadiene	ND	100	10		Benzo (a) Anthracene	ND	100	10	
4-Chloro-3-Methylphenol	ND	100	10		Bis(2-Ethylhexyl) Phthalate	ND	100	10	
2-Methylnaphthalene	960	100	10		Chrysene	ND	100	10	
1-Methylnaphthalene	680	400	10		Di-n-Octyl Phthalate	ND	500	10	
Hexachlorocyclopentadiene	ND	100	10		Benzo (k) Fluoranthene	ND	400	10	
2,4,5-Trichlorophenol	ND	100	10		Benzo (b) Fluoranthene	ND	400	10	
2-Chloronaphthalene	ND	100	10		Benzo (a) Pyrene	ND	500	10	
2-Nitroaniline	ND	1000	10		Indeno (1,2,3-c,d) Pyrene	ND	500	10	
Dimethyl Phthalate	ND	100	10		Dibenz (a,h) Anthracene	ND	500	10	
Acenaphthylene	ND	100	10		Benzo (g,h,i) Perylene	ND	500	10	
3-Nitroaniline	ND	1000	10						
Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual		
2-Fluorophenol	103	25-121		Phenol-d6	108	24-113			
Nitrobenzene-d5	135	23-120	2	2-Fluorobiphenyl	128	30-115		2	
2,4,6-Tribromophenol	84	19-122		p-Terphenyl-d14	146	18-137		2	

RL - Reporting Limit DF - Dilution Factor Qual - Qualifiers



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 03/03/06
Work Order No: 06-03-0174
Preparation: EPA 3580A
Method: EPA 8270C
Units: mg/kg

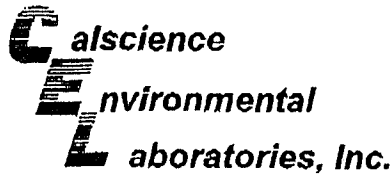
Project: Markus Supply

Page 2 of 2

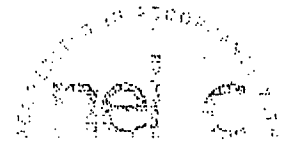
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	096-01-011-197	N/A	Oil	03/02/06	03/06/06	060303L05

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	10	1		Acenaphthene	ND	10	1	
Aniline	ND	10	1		2,4-Dinitrophenol	ND	100	1	
Phenol	ND	10	1		4-Nitrophenol	ND	100	1	
Bis(2-Chloroethyl) Ether	ND	10	1		Dibenzofuran	ND	10	1	
2-Chlorophenol	ND	10	1		2,4-Dinitrotoluene	ND	10	1	
1,3-Dichlorobenzene	ND	10	1		2,6-Dinitrotoluene	ND	10	1	
1,4-Dichlorobenzene	ND	10	1		Diethyl Phthalate	ND	10	1	
Benzyl Alcohol	ND	100	1		4-Chlorophenyl-Phenyl Ether	ND	10	1	
1,2-Dichlorobenzene	ND	10	1		Fluorene	ND	10	1	
2-Methylphenol	ND	10	1		4-Nitroaniline	ND	100	1	
Bis(2-Chloroisopropyl) Ether	ND	10	1		Azobenzene	ND	10	1	
3/4-Methylphenol	ND	10	1		4,6-Dinitro-2-Methylphenol	ND	100	1	
N-Nitroso-di-n-propylamine	ND	100	1		N-Nitrosodiphenylamine	ND	100	1	
Hexachloroethane	ND	10	1		2,4,6-Trichlorophenol	ND	10	1	
Nitrobenzene	ND	10	1		4-Bromophenyl-Phenyl Ether	ND	10	1	
Isophorone	ND	10	1		Hexachlorobenzene	ND	10	1	
2-Nitrophenol	ND	10	1		Pentachlorophenol	ND	100	1	
2,4-Dimethylphenol	ND	10	1		Phenanthrene	ND	10	1	
Benzoic Acid	ND	100	1		Anthracene	ND	10	1	
Bis(2-Chloroethoxy) Methane	ND	10	1		Di-n-Butyl Phthalate	ND	10	1	
2,4-Dichlorophenol	ND	10	1		Fluoranthene	ND	10	1	
1,2,4-Trichlorobenzene	ND	10	1		Benzidine	ND	10	1	
Pyridine	ND	10	1		Pyrene	ND	10	1	
Naphthalene	ND	10	1		Butyl Benzyl Phthalate	ND	10	1	
4-Chloroaniline	ND	10	1		3,3'-Dichlorobenzidine	ND	10	1	
Hexachloro-1,3-Butadiene	ND	10	1		Benzo (a) Anthracene	ND	10	1	
4-Chloro-3-Methylphenol	ND	10	1		Bis(2-Ethylhexyl) Phthalate	ND	10	1	
2-Methylnaphthalene	ND	10	1		Chrysene	ND	10	1	
1-Methylnaphthalene	ND	40	1		Di-n-Octyl Phthalate	ND	50	1	
Hexachlorocyclopentadiene	ND	10	1		Benzo (k) Fluoranthene	ND	40	1	
2,4,5-Trichlorophenol	ND	10	1		Benzo (b) Fluoranthene	ND	40	1	
2-Chloronaphthalene	ND	10	1		Benzo (a) Pyrene	ND	50	1	
2-Nitroaniline	ND	100	1		Indeno (1,2,3-c,d) Pyrene	ND	50	1	
Dimethyl Phthalate	ND	10	1		Dibenz (a,h) Anthracene	ND	50	1	
Acenaphthylene	ND	10	1		Benzo (g,h,i) Perylene	ND	50	1	
3-Nitroaniline	ND	100	1						
Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual		
2-Fluorophenol	92	25-121		Phenol-d6	99	24-113			
Nitrobenzene-d5	112	23-120		2-Fluorobiphenyl	104	30-115			
2,4,6-Tribromophenol	69	19-122		p-Terphenyl-d14	88	18-137			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 03/03/06
Work Order No: 06-03-0174
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/kg

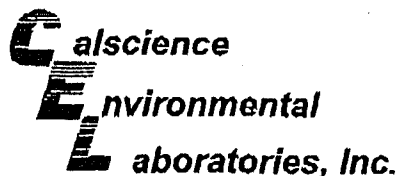
Project: Markus Supply

Page 1 of 2

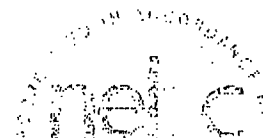
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
GB001A-Product Sample 2	08-03-0174-1	02/21/06	OIL	03/06/06	03/07/06	060307L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	20000	400		1,3-Dichloropropane	ND	2000	400	
Benzene	ND	2000	400		2,2-Dichloropropane	ND	2000	400	
Bromobenzene	ND	2000	400		1,1-Dichloropropene	ND	2000	400	
Bromochloromethane	ND	2000	400		c-1,3-Dichloropropene	ND	2000	400	
Bromodichloromethane	ND	2000	400		t-1,3-Dichloropropene	ND	2000	400	
Bromofom	ND	2000	400		Ethylbenzene	ND	2000	400	
Bromomethane	ND	10000	400		2-Hexanone	ND	20000	400	
2-Butanone	ND	20000	400		Isopropylbenzene	ND	2000	400	
n-Butylbenzene	20000	2000	400		p-Isopropyltoluene	8200	2000	400	
sec-Butylbenzene	8600	2000	400		Methylene Chloride	ND	20000	400	
tert-Butylbenzene	ND	2000	400		4-Methyl-2-Pentanone	ND	20000	400	
Carbon Disulfide	ND	20000	400		Naphthalene	240000	20000	400	
Carbon Tetrachloride	ND	2000	400		n-Propylbenzene	ND	2000	400	
Chlorobenzene	ND	2000	400		Styrene	ND	2000	400	
Chloroethane	ND	2000	400		1,1,1,2-Tetrachloroethane	ND	2000	400	
Chlorofom	ND	2000	400		1,1,2,2-Tetrachloroethane	ND	2000	400	
Chloromethane	ND	10000	400		Tetrachloroethane	ND	2000	400	
2-Chlorotoluene	ND	2000	400		Toluene	ND	2000	400	
4-Chlorotoluene	ND	2000	400		1,2,3-Trichlorobenzene	ND	4000	400	
Dibromochloromethane	ND	2000	400		1,2,4-Trichlorobenzene	ND	2000	400	
1,2-Dibromo-3-Chloropropane	ND	4000	400		1,1,1-Trichloroethane	ND	2000	400	
1,2-Dibromoethane	ND	2000	400		1,1,2-Trichloroethane	ND	2000	400	
Dibromomethane	ND	2000	400		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	20000	400	
1,2-Dichlorobenzene	ND	2000	400		Trichloroethene	ND	2000	400	
1,3-Dichlorobenzene	ND	2000	400		1,2,3-Trichloropropane	ND	2000	400	
1,4-Dichlorobenzene	ND	2000	400		1,2,4-Trimethylbenzene	3700	2000	400	
Dichlorodifluoromethane	ND	2000	400		Trichlorofluoromethane	ND	20000	400	
1,1-Dichloroethane	ND	2000	400		1,3,5-Trimethylbenzene	4200	2000	400	
1,2-Dichloroethane	ND	2000	400		Vinyl Acetate	ND	20000	400	
1,1-Dichloroethene	ND	2000	400		Vinyl Chloride	ND	2000	400	
c-1,2-Dichloroethene	ND	2000	400		p/m-Xylene	ND	2000	400	
t-1,2-Dichloroethene	ND	2000	400		o-Xylene	ND	2000	400	
1,2-Dichloropropane	ND	2000	400		Methyl-t-Butyl Ether (MTBE)	ND	2000	400	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	101	73-139			1,2-Dichloroethane-d4	105	73-145		
Toluene-d8	100	90-108			1,4-Bromofluorobenzene	110	71-113		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 03/03/06
Work Order No: 06-03-0174
Preparation: EPA 5030B
Method: EPA 8260B
Units: ug/kg

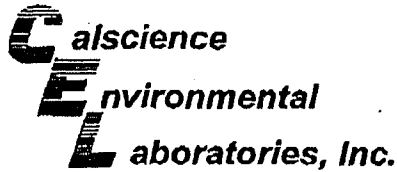
Project: Markus Supply

Page 2 of 2

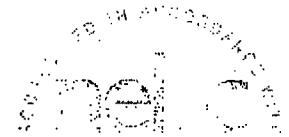
Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	099-10-005-11,937	N/A	Solid	03/07/06	03/07/06	060307L02

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Acetone	ND	1300	25		1,3-Dichloropropane	ND	130	25	
Benzene	ND	130	25		2,2-Dichloropropane	ND	130	25	
Bromobenzene	ND	130	25		1,1-Dichloropropane	ND	130	25	
Bromochloromethane	ND	130	25		c-1,3-Dichloropropene	ND	130	25	
Bromodichloromethane	ND	130	25		t-1,3-Dichloropropene	ND	130	25	
Bromofom	ND	130	25		Ethylbenzene	ND	130	25	
Bromomethane	ND	630	25		2-Hexanone	ND	1300	25	
2-Butanone	ND	1300	25		Isopropylbenzene	ND	130	25	
n-Butylbenzene	ND	130	25		p-Isopropyltoluene	ND	130	25	
sec-Butylbenzene	ND	130	25		Methylene Chloride	ND	1300	25	
tert-Butylbenzene	ND	130	25		4-Methyl-2-Pentanone	ND	1300	25	
Carbon Disulfide	ND	1300	25		Naphthalene	ND	1300	25	
Carbon Tetrachloride	ND	130	25		n-Propylbenzene	ND	130	25	
Chlorobenzene	ND	130	25		Styrene	ND	130	25	
Chloroethane	ND	130	25		1,1,1,2-Tetrachloroethane	ND	130	25	
Chloroform	ND	130	25		1,1,2,2-Tetrachloroethane	ND	130	25	
Chloromethane	ND	630	25		Tetrachloroethane	ND	130	25	
2-Chlorotoluene	ND	130	25		Toluene	ND	130	25	
4-Chlorotoluene	ND	130	25		1,2,3-Trichlorobenzene	ND	250	25	
Dibromochloromethane	ND	130	25		1,2,4-Trichlorobenzene	ND	130	25	
1,2-Dibromo-3-Chloropropane	ND	250	25		1,1,1-Trichloroethane	ND	130	25	
1,2-Dibromoethane	ND	130	25		1,1,2-Trichloroethane	ND	130	25	
Dibromomethane	ND	130	25		1,1,2-Trichloro-1,2,2-Trifluoroethane	ND	1300	25	
1,2-Dichlorobenzene	ND	130	25		Trichloroethane	ND	130	25	
1,3-Dichlorobenzene	ND	130	25		1,2,3-Trichloropropane	ND	130	25	
1,4-Dichlorobenzene	ND	130	25		1,2,4-Trimethylbenzene	ND	130	25	
Dichlorodifluoromethane	ND	130	25		Trichlorofluoromethane	ND	1300	25	
1,1-Dichloroethane	ND	130	25		1,3,5-Trimethylbenzene	ND	130	25	
1,2-Dichloroethane	ND	130	25		Vinyl Acetate	ND	1300	25	
1,1-Dichloroethene	ND	130	25		Vinyl Chloride	ND	130	25	
c-1,2-Dichloroethene	ND	130	25		p/m-Xylene	ND	130	25	
t-1,2-Dichloroethene	ND	130	25		o-Xylene	ND	130	25	
1,2-Dichloropropane	ND	130	25		Methyl-t-Butyl Ether (MTBE)	ND	130	25	
Surrogates:	REC (%)	Control Limits		Qual	Surrogates:	REC (%)	Control Limits		Qual
Dibromofluoromethane	93	73-139			1,2-Dichloroethane-d4	98	73-145		
Toluene-d8	101	90-108			1,4-Bromofluorobenzene	94	71-113		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - Spike/Spike Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

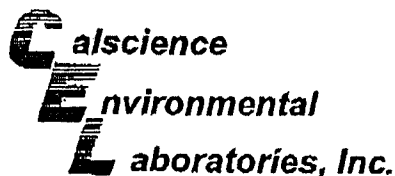
Date Received: 03/03/06
Work Order No: 06-03-0174
Preparation: EPA 3580A
Method: EPA 8270C

Project Markus Supply

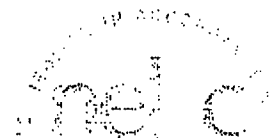
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
GB001A-Product Sample 2	OIL	GC/MS*P	03/02/06	03/06/06	080303S05

Parameter	MS %REC	MSD %REC	%REC_CL	RPD	RPD_CL	Qualifiers
Phenol	6	6	20-120	4	0-42	3
2-Chlorophenol	6	6	23-134	0	0-40	3
1,4-Dichlorobenzene	7	7	20-124	3	0-28	3
N-Nitroso-di-n-propylamine	8	8	0-230	4	0-38	
1,2,4-Trichlorobenzene	7	6	44-142	6	0-28	3
Acenaphthene	9	9	47-145	4	0-31	3
2,4-Dinitrotoluene	11	11	39-139	2	0-38	3

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - Spike/Spike Duplicate



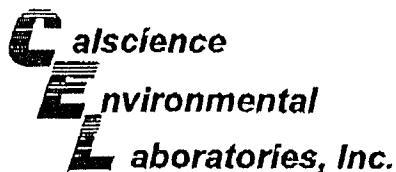
Kiff Analytical	Date Received:	03/03/06
2795 2nd Street, Suite 300	Work Order No:	06-03-0174
Davis, CA 95616-6593	Preparation:	EPA 5030B
	Method:	EPA 8260B

Project Markus Supply

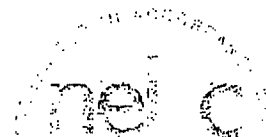
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
06-02-1462-9	Solid	GC/MS W	03/07/06	03/07/06	060307S01

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	99	96	79-115	3	0-13	
Carbon Tetrachloride	120	119	55-139	1	0-15	
Chlorobenzene	98	96	79-116	2	0-17	
1,2-Dichlorobenzene	93	92	63-123	1	0-23	
1,1-Dichloroethene	107	107	69-123	0	0-16	
Toluene	101	100	79-115	0	0-15	
Trichloroethene	288	1472	66-144	115	0-14	3,4
Vinyl Chloride	104	103	60-126	1	0-14	
Methyl-t-Butyl Ether (MTBE)	107	102	68-126	4	0-14	
Tert-Butyl Alcohol (TBA)	111	106	44-134	6	0-37	
Diisopropyl Ether (DIPE)	105	104	75-123	1	0-12	
Ethyl-t-Butyl Ether (ETBE)	102	101	75-117	0	0-12	
Tert-Amyl-Methyl Ether (TAME)	106	103	79-115	3	0-12	
Ethanol	88	96	42-138	8	0-28	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



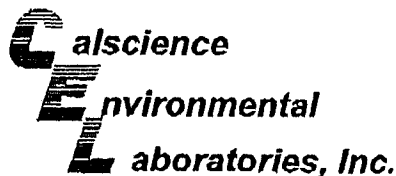
Kiff Analytical	Date Received:	N/A
2795 2nd Street, Suite 300	Work Order No:	06-03-0174
Davis, CA 95616-6593	Preparation:	EPA 3580A
	Method:	EPA 8270C

Project: Markus Supply

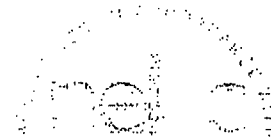
Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-01-011-197	OIL	GC/MS P	03/02/06	03/06/06	080303L05

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD_CL	Qualifiers
Phenol	106	105	20-120	1	0-42	
2-Chlorophenol	98	99	23-134	1	0-40	
1,4-Dichlorobenzene	107	109	20-124	2	0-28	
N-Nitroso-di-n-propylamine	106	109	0-230	2	0-38	
1,2,4-Trichlorobenzene	112	111	44-142	1	0-28	
Acenaphthene	108	109	47-145	1	0-31	
2,4-Dinitrotoluene	107	112	39-139	5	0-38	

RPD - Relative Percent Difference, CL - Control Limit



Quality Control - LCS/LCS Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

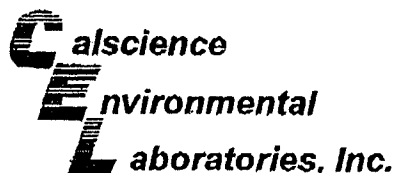
Date Received: N/A
Work Order No: 06-03-0174
Preparation: EPA 5030B
Method: EPA 8260B

Project: Markus Supply

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-10-005-11,937	Solid	GC/MS W	03/07/06	03/07/06	060307L02

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	103	104	84-114	1	0-7	
Carbon Tetrachloride	124	125	66-132	1	0-12	
Chlorobenzene	101	101	87-111	1	0-7	
1,2-Dichlorobenzene	102	100	79-115	2	0-8	
1,1-Dichloroethene	113	110	73-121	3	0-12	
Toluene	103	104	78-114	1	0-7	
Trichloroethene	108	107	84-114	2	0-8	
Vinyl Chloride	107	105	63-129	2	0-15	
Methyl-t-Butyl Ether (MTBE)	115	113	77-125	2	0-11	
Tert-Butyl Alcohol (TBA)	120	118	47-137	2	0-27	
Diisopropyl Ether (DIPE)	111	111	76-130	0	0-8	
Ethyl-t-Butyl Ether (ETBE)	112	110	76-124	2	0-12	
Tert-Amyl-Methyl Ether (TAME)	117	113	82-118	3	0-11	
Ethanol	99	99	59-131	1	0-21	

RPD - Relative Percent Difference, CL - Control Limit



Glossary of Terms and Qualifiers



Work Order Number: 06-03-0174

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. 0174 Page 1 of 1

Project Contact (Hardcopy or PDF to):
 Troy Turpen

EDF Report? Yes No

Chain-of-Custody Record and Analysis Request

Company/Address:
 Kiff Analytical, LLC
 Phone No.: FAX No.:
 Project Number: GB001A
 P.O. No.: 48663

Recommended but not mandatory to complete this section:
 Sampling Company Log Code:
 Global ID:
 EDF Deliverable to (Email Address):

Analysis Request

Project Name:
 Markus Supply
 Project Address:

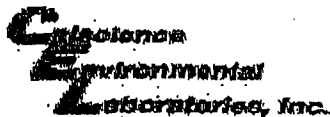
E-mail address:
 inbox@kiffanalytical.com

Sample Designation	Sampling		Container			Preservative				Matrix			Volatile Organic Compounds by EPA 8260**	Semi-Volatile Organic Compounds by EPA 8270**	Date due:	Date due:	
	Date	Time	Glass Jar	Sleeve*	Amber	HCl	HNO3	ICE	NONE	Na2S2O3	WATER	SOIL					PRODUCT
GB001A - Product Sample 2	2/21/06				1			X					X	X		March 9, 2006	For Lab Use Only

Relinquished by: <i>[Signature]</i>	Date 02/20/06	Time 11:00	Received by:
Relinquished by:	Date	Time	Received by:
Relinquished by:	Date 3/3/06	Time 0830	Received by Laboratory: <i>[Signature]</i> CEL

Remarks: **Standard archiving of 45 days; Analyses on the dark globules only (Product), not on the water phase; Care should be used in opening the container, as hand cleanser may still be present on the outside of the bottle and cap.

Bill to: Accounts Payable



WORK ORDER #:

06 - 03 - 0174

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: Kiff

DATE: 3/3/06

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

LABORATORY (Other than Calscience Courier):

- Chilled, cooler with temperature blank provided.
- Chilled, cooler without temperature blank.
- Chilled and placed in cooler with wet ice.
- Ambient and placed in cooler with wet ice.
- Ambient temperature.
- °C Temperature blank.

- 3.3 °C Temperature blank.
- °C IR thermometer.
- Ambient temperature.

Initial: [Signature]

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: No (Not Intact): _____ Not Applicable (N/A): _____

Initial: [Signature]

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container label(s) consistent with custody papers.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sample container(s) intact and good condition.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Correct containers for analyses requested.....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Proper preservation noted on sample label(s).....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
VOA vial(s) free of headspace.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tedlar bag(s) free of condensation.....	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Initial: [Signature]

COMMENTS:

Blank lines for handwritten comments.

Project Contact (Hardcopy or PDF To):

Matthew Ryder-Smith

Company / Address:

229 Tewksbury Ave, Point Richmond, CA

Phone No.:

Fax No.:

510-307-9943

510-232-2823

Project Number:

P.O. No.:

GB001A

Project Name:

Markus Supply

Project Address:

APN # 001-0125-001-00, Oakland CA 94607

California EDF Report? Yes No

Chain-of-Custody Record and Analysis Request

Recommended but not mandatory to complete this section:

Sampling Company Log Code:

CWGO

Global ID:

EDF Deliverable To (Email Address):

Sampler Signature: *[Signature]*

Analysis Request

TAT

12hr

24hr

48hr

72hr

1wk

2wk

1wk

For Lab Use Only

Sampling		Container				Preservative				Matrix			
Date	Time	40 ml VOA	SLEEVE	POLY	AMBER	Glass	HCl	HNO ₃	ICE	NONE	WATER	SOIL	PRODUCT

Sample Designation

GB001A - Product Sample 2

2/21/2008

X

X

X

01

Relinquished by:

[Signature]

Date

03/01/08

Time

Received by:

Remarks:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

03/01/08

Time

1:30

Received by Laboratory:

[Signature]

Please keep sample for future testing

Bill to:

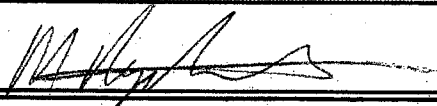
ATTACHMENT B

OAKLAND FIRE DEPARTMENT/FIRE PREVENTION BUREAU HAZARDOUS MATERIALS UNIT

250 FRANK OGAWA PLAZA, SUITE 3341, OAKLAND, CA 94612-2032 • (510) 238-3927

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	626 2 nd St Project	626 2nd Street	07
Inspection Report			
<input checked="" type="checkbox"/> PERMISSION TO INSPECT GRANTED			
Arrival Time: 10:10; Departed 11:16			
Site Activity: Closure in Place of five Underground Storage Tanks (USTs)			
Purpose of visit: To meet w/ Site Project manager + observe the cleaning i.e., Triple Rinsing of the USTs.			
The vent piping will be cut; The above ground vent piping will be disposed of @ ECI; the Below grade vent piping will be grouted.			
Grouting operations will take place tomorrow @ 11:00.			
Prior to grouting the crewsafe tanks, a wipe sample must be acquired.			
Prior to filling KM			

<p>Facility Contact/Print Name: MATTHEW RYDER-SMITH</p> <p>Facility Contact/Signature: </p>	<p>Inspected By: <u>KM</u> 238-3927</p> <p> <input type="checkbox"/> Insp. Griffin 238-7759 <input checked="" type="checkbox"/> Insp. Matthews 238-2396 <input type="checkbox"/> Insp. Kupers 238-7054 <input type="checkbox"/> Insp. Gomez 238-7253 </p> <p>Date: <u>MAY 2007</u></p>
5901097	

OAKLAND FIRE DEPARTMENT/FIRE PREVENTION BUREAU HAZARDOUS MATERIALS UNIT

18

250 FRANK OGAWA PLAZA, SUITE 3341, OAKLAND, CA 94612-2032 • (510) 238-3927

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	626 2nd Street Property #1 KM	626 2nd Street	07

Inspection Report

PERMISSION TO INSPECT GRANTED

Arrived on Site @ 10:15

Site Activity: Closure in Place i.e., 5 USTs

Reason for Site Visit: To perform LEL Reading from each underground storage tank prior to starting tripple rinsing of all USTs

TK1 TK2 TK3 TK4 TK5

Time of measurement:

0 0 0 0 0 LEL 10:30 AM

11.8 → % O₂

TK5 has been pumped out & tripple rinsed, but creosote is still in the tank
TK3 is above 10% - No welding or Sparking Tools are to be used.

~~Fill~~ Tank filling operations
~~Tripple Rinsing~~ operations are scheduled to begin ≈ 12:00 PM

With regards to ~~the~~ tank 5, The closure plan ~~is~~ must be modified ~~and~~ the source of contamination more clearly determined. (i.e. Is it possible to remove the product exhaustively?)

Facility Contact/Print Name: MATTHEW RYDER-SMITH	Inspected By: <input type="checkbox"/> Insp. Griffin 238-7759 <input type="checkbox"/> Insp. Kupers 238-7054 <input checked="" type="checkbox"/> Insp. Matthews 238-2396 <input type="checkbox"/> Insp. Gomez 238-7253
Facility Contact/Signature: 	Date: 2 May 07

**OAKLAND FIRE DEPARTMENT/FIRE PREVENTION BUREAU
HAZARDOUS MATERIALS UNIT**

2/2

250 FRANK OGAWA PLAZA, SUITE 3341, OAKLAND, CA 94612-2032 • (510) 238-3927

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	2nd St. Tank Closure Project	626 2nd Street	07
Inspection Report			
<input checked="" type="checkbox"/> PERMISSION TO INSPECT GRANTED			
<p>Tank filling operations began at 12:30 ... the filling of TK #3 started @ 14:05 (14:05) KM.</p> <p>TK #4 began Filling of TK 4 began at 14:30.</p> <p>Clear Water will continue removing creosote from TK #5 TK #4 TK #3 TK #2 TK #1</p> <p>TK #5 TK #4 TK #3 TK #2 TK #1</p> <p>For the remainder rest of this afternoon.</p> <p>At a time yet to be determined, we will return and restick the tank to determine if more product is present; @ that time if no product is present we can then move w/schedule filling of the tank. if product is found it will be present</p>			

Facility Contact/Print Name: MATTHEW RYDELL-SMITH	Inspected By: <input type="checkbox"/> Insp. Griffin 238-7759 <input type="checkbox"/> Insp. Kupers 238-7054 <input checked="" type="checkbox"/> Insp. Matthews 238-2396 <input type="checkbox"/> Insp. Gomez 238-7253
Facility Contact/Signature: 	Date: 2 May 07

OAKLAND FIRE DEPARTMENT/FIRE PREVENTION BUREAU HAZARDOUS MATERIALS UNIT

250 FRANK OGAWA PLAZA, SUITE 3341, OAKLAND, CA 94612-2032 • (510) 238-3927

HAZARDOUS MATERIALS INSPECTION REPORT

Site Number	Facility Name	Facility Address	Zip Code
	Markus Supply Co.	626 2nd St	07

Inspection Report

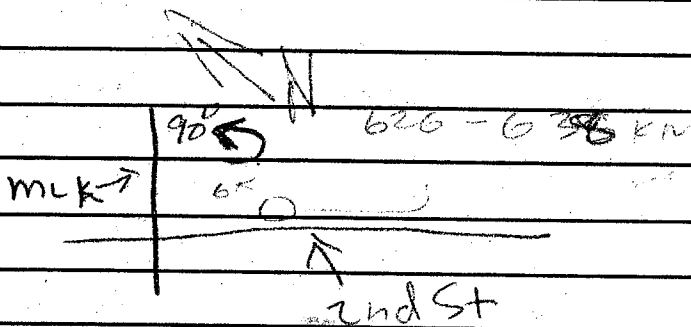
PERMISSION TO INSPECT GRANTED

09:00 - 11:15

Clear Water ^{Env.} performed Tripple Rinse of TK-5

09:20. Matthew Ryder-Smith of Clear Water Group (Project mgr) acquire a wipe sample; the wipe was visually confirmed to be clean - the sample w/ be analyzed via 8270 test method for semi-volatiles.

Filling operations began @ 12:12
 " " " ended " 12:35



actual UST orientation is 90° from tank as shown in sketch, i.e., the tank runs length wise beneath 2nd St.

510-590-1097

Facility Contact/Print Name: MATTHEW RYDER SMITH	Inspected By: <input type="checkbox"/> Insp. Griffin 238-7759 <input type="checkbox"/> Insp. Kupers 238-7054 <input checked="" type="checkbox"/> Insp. Matthews 238-2396 <input type="checkbox"/> Insp. Gomez 238-7253
Facility Contact/Signature: 	Date: 25 May 07

ATTACHMENT C

City Of Oakland
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851



*Permit To Excavate And Install, Repair,
Or Remove Inflammable Liquid Tanks*

Oakland, California June 26, 2006

Tank Permit Number: T06-0038

Permission Is Hereby Granted To:

UST Closures in Place Pet., unk., Pet. **Tank And Excavate Commencing:** **Feet Inside:** **Line.**

On The:

Site Address: 626 2nd St., Oakland, CA 94607

Present Storage:

Owner: Daniel Altwarg

Address: 625 3rd St., Oakland, CA 94607

Phone: 510-772-7625

Applicant: Fast-Tek

Address: 227A Tewksbury Ave., Pt. Richmond, CA94801 **Phone:** 510-232-2728

Dimensions Of Street (sidewalk) Surface To Be Disturbed : X **No. Of Tanks** 1-3 **Capacity** 1500, unk., 2000 **Gallons, Each**

Remarks

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection: Closure In Place

Inspected And Passed On: 2 May 07

Approved: 
Fire Marshal

UST/AST Installations/modifications: By: 

Pressure Test: Inspected By: _____ **Date:** _____

Primary Piping Test: Inspected By: _____ **Date:** _____

Inspection Fee Paid: \$ 1029.16

Received By: Received by C. Pacheco

Secondary Containment & Sump Testing:
Inspected By: _____ **Date:** _____

Final: Inspected By: _____ **Date:** _____

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE

City Of Oakland
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
Oakland California 94612-2032
510-238-3851



*Permit To Excavate And Install, Repair,
Or Remove Inflammable Liquid Tanks*

Oakland, California June 26, 2006

Tank Permit Number: T06-0038

Permission Is Hereby Granted To:

UST Closures in Place Creosote, Creosote Tank And Excavate Commencing: Feet Inside: Line.

On The:

Site Address: 626 2nd St., Oakland, CA 94607

Present Storage:

Owner: Daniel Altworg

Address: 625 3rd St., Oakland, CA 94607

Phone: 510-772-7625

Applicant: Fast-Tek

Address: 227A Tewksbury Ave., Pt. Richmond, CA94801 Phone: 510-232-2728

Dimensions Of Street (sidewalk) Surface To Be Disturbed : X No. Of Tanks 4-5 Capacity 5000, 5000 Gallons, Each

Remarks

This Permit Is Granted In Accordance With Existing City Ordinances. Owner Hereby Agrees To Remove Tanks On Discontinuance Of Use Or When Notified By The City Authorities When Installing, Removing Or Repairing Tanks, No Open Flame To Be On Or Near Premises.

CERTIFICATE OF TANK AND EQUIPMENT INSPECTION

Type Of Inspection: Closure in Place i.e. 5 usts

Inspected And Passed On: 25 May 07

By: [Signature]

Approved: [Signature]
Fire Marshal

UST/AST Installations/modifications:

Pressure Test: Inspected By: _____ Date: _____

Primary Piping Test: Inspected By: _____ Date: _____

Secondary Containment & Sump Testing:

Inspected By: _____ Date: _____

Final: Inspected By: _____ Date: _____

Inspection Fee Paid: \$ 1029.16

Received By: Received by C. Pacheco

Before Covering Tanks, Above Certification Must Be Signed When Ready For Inspection Notify Fire Prevention Bureau 238-3851

THIS PERMIT MUST BE LEFT ON THE WORK SITE AS AUTHORITY THEREFORE



EXCAVATION PERMIT

TO EXCAVATE IN STREETS OR OTHER SPECIFIED WORK

CIVIL ENGINEERING

PAGE 2 of 2

Permit valid for 90 days from date of issuance.

PERMIT NUMBER X 0 7 0 0 2 7 6 *		SITE ADDRESS/LOCATION 638 2nd St
APPROX. START DATE	APPROX. END DATE	24-HOUR EMERGENCY PHONE NUMBER (Permit not valid without 24-Hour number)
CONTRACTOR'S LICENSE # AND CLASS 799370 Rodney Berry 3/21/07		CITY BUSINESS TAX #
ATTENTION: 1- State law requires that the contractor/owner call Underground Service Alert (USA) two working days before excavating. This permit is not valid unless applicant has secured an inquiry identification number issued by USA. The USA telephone number is 1-800-642-2444. Underground Service Alert (USA) # _____ 2- 48 hours prior to starting work, you MUST CALL (510) 238-3651 to schedule an inspection. 3- 48 hours prior to re-paving, a compaction certificate is required (waived for approved slurry backfill).		

OWNER/BUILDER

I hereby affirm that I am exempt from the Contractor's License Law for the following reason (Sec. 7031.5 Business and Professions Code: Any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he is licensed pursuant to the provisions of the Contractor's License law Chapter 9 (commencing with Sec. 7000) of Division 3 of the Business and Professions Code, or that he is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than \$500):

1, as an owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or through his own employees, provided that such improvements are not intended or offered for sale. If however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he did not build or improve for the purpose of sale).

1, as owner of the property, am exempt from the sale requirements of the above due to: (1) I am improving my principal place of residence or appurtenances thereto, (2) the work will be performed prior to sale, (3) I have resided in the residence for the 12 months prior to completion of the work, and (4) I have not claimed exemption on this subdivision on more than two structures more than once during any three-year period. (Sec. 7044 Business and Professions Code).

I, as owner of the property, am exclusively contracting with licensed contractors to construct the project, (Sec. 7044, Business and Professions Code: The Contractor's License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractor's License law).

I am exempt under Sec. _____, B&PC for this reason _____

WORKER'S COMPENSATION

I hereby affirm that I have a certificate of consent to self-insure, or a certificate of Worker's Compensation Insurance, or a certified copy thereof (Sec. 3700, Labor Code).

Policy # _____ Company Name _____

I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the Worker's Compensation Laws of California (not required for work valued at one hundred dollars (\$100) or less).

NOTICE TO APPLICANT: If, after making this Certificate of Exemption, you should become subject to the Worker's Compensation provisions of the Labor Code, you must forthwith comply with such provisions or this permit shall be deemed revoked. This permit is issued pursuant to all provisions of Title 12 Chapter 12.12 of the Oakland Municipal Code. It is granted upon the express condition that the permittee shall be responsible for all claims and liabilities arising out of work performed under the permit or arising out of permittee's failure to perform the obligations with respect to street maintenance. The permittee shall, and by acceptance of the permit agrees to defend, indemnify, save and hold harmless the City, its officers and employees, from and against any and all suits, claims, or actions brought by any person for or on account of any bodily injuries, disease or illness or damage to persons and/or property sustained or arising in the construction of the work performed under the permit or in consequence of permittee's failure to perform the obligations with respect to street maintenance. This permit is void 90 days from the date of issuance unless an extension is granted by the Director of the Office of Planning and Building.

I hereby affirm that I am licensed under provisions of Chapter 9 of Division 3 of the Business and Professions Code and my license is in full force and effect (if contractor), that I have read this permit and agree to its requirements, and that the above information is true and correct under penalty of law.

X Rodney Berry / 3/21/07

Signature of Permittee Agent for Contractor Owner Date

DATE STREET LAST RESURFACED	SPECIAL PAVING DETAIL REQUIRED? <input type="checkbox"/> YES <input type="checkbox"/> NO	HOLIDAY RESTRICTION? (NOV 1 - JAN 1) <input type="checkbox"/> YES <input type="checkbox"/> NO	LIMITED OPERATION AREA? (7AM-9AM & 4PM-6PM) <input type="checkbox"/> YES <input type="checkbox"/> NO
ISSUED BY <u>①</u>		DATE ISSUED <u>6</u>	

CITY OF OAKLAND • Community and Economic Development Agency

250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • FAX (510) 238-2263

Job Site 638 2ND ST

Parcel# 001 -0125-001-00

Appl# X0700276

Descr to excavate existing underground storage tanks
to allow filling existing underground storage tanks [5]
in public r.o.w.

Permit Issued 03/21/07

Work Type EXCAVATION-PRIVATE P

USA #

Unit Co. Job #
Unit Fund #

Acctg#:

Applicant Phone# Lic# License Classes--

Owner CARDANAL PARTNERS LLC

(510) 444-2404

Contractor THE AUGER GROUP INC

(510) 307-9943 799370 A C57 B

Arch/Engr

Agent

Applic Addr 229 TEWKSBURY DRIVE, POINT RICHMOND, CA 94801

\$414.25 TOTAL FEES PAID AT ISSUANCE			
\$61.00	Applic	\$300.00	Permit
\$.00	Process	\$34.30	Rec Mgmt
\$.00	Gen Plan	\$.00	Invstg
\$.00	Other	\$18.95	Tech Enh

JOB SITE

DIST: ADDRESS:

CITY OF OAKLAND

Date: 03/21/07 Amt Paid: \$414.25
By: DLR Register R02 Receipt# 101154

Cardinal/Encroachment

CITY OF OAKLAND



250 FRANK H. OGAWA PLAZA, SUITE 2340 • OAKLAND, CALIFORNIA 94612-2031

Community and Economic Development Agency
Building Services Division

(510) 238-3381
FAX (510) 238-6996
TDD (510) 238-6312

February 14, 2007

Clearwater Group
229 Tewksbury Avenue
Point Richmond, CA 94801
(attn: Matthew Ryder-Smith)

RE: MINOR ENCROACHMENT PERMIT FOR 638-2ND STREET

Dear Sir:

Enclosed is a Minor Encroachment Permit allowing you to encroach into the public right-of-way of 2nd Street with five underground storage tanks to be abandoned in placed. Before the Minor Encroachment Permit will become effective, the persons having the legal authority to do so, must sign and properly notarize the document with a notary acknowledgement slip attached, and return to this office to the attention of Jing Wong for recordation.

If you have any questions, please call me at 238-6314 any workday from 8:00 AM to 4:00 PM.

Sincerely,

JING WONG, P.E.
Assistant Engineer II

Marked 2/26/07

recording requested by:
CITY OF OAKLAND
when recorded mail to:
City of Oakland
CEDA - Building Services
Daiziel Administration Building
250 Ogawa Plaza - 2nd Floor
Oakland, CA 94612
Attn: City Engineer

----- space above for Recorder's use only -----

**AGREEMENT PERMITTING A CONDITIONAL AND REVOCABLE
ENCROACHMENT IN THE PUBLIC RIGHT-OF-WAY**

Address 638 2nd Street

permit no. ENMI 07063

parcel no. 001-0125-001-00

authorities Municipal Code Section 15.04.705

description Encroach into 2nd Street with five underground storage tanks to be abandoned in placed.

RECITAL

The owner subscribed below of fee simple interest in the property referenced above and described in Exhibit B, attached hereto, is hereby granted, for an indeterminate period of time, the revocable permit referenced above allowing the temporary encroachment described above and delineated in Exhibit C, attached hereto, and limiting the use, exercise, and operation of the encroachment with the requirements and restrictions set forth in Exhibit A, attached hereto, and the associated permit. The owner agrees by and between themselves to be bound by the general and special conditions in Exhibit A and to comply with these conditions faithfully and fully at all times. The conditions of this agreement and associated permit shall equally bind all agents, heirs, successors, and assigns of the owner.

ACKNOWLEDGEMENT OF PROPERTY OWNER

(notarization of signature required)

Cardanal Partners, LLC

signature

date

2/26/2007

name

title

Jamel Altwarg president

ATTACHMENTS

Exhibit A - Conditions of encroachment

Exhibit C - Limits of encroachment

Exhibit B - Description of privately owned parcel

CITY OF OAKLAND
a municipal corporation

by

date

DEBORAH EDGERLY
City Administrator

RAYMOND M. DERANIA
Interim City Engineer
Community and Economic Development Agency

**CALIFORNIA ALL-PURPOSE
ACKNOWLEDGMENT**

CITY NATIONAL BANK
The way up.®

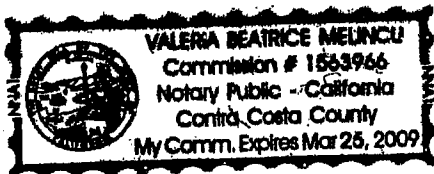
State of CALIFORNIA

County of ALAMEDA

On FEBRUARY 26, 2007 before me, VALERIA BEATRICE MELINCU
DATE NAME, TITLE OF OFFICER - E.G., "JANE DOE, NOTARY PUBLIC"

personally appeared DANIEL ALTUARG
NAME(S) OF SIGNER(S)

personally known to me - OR - proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

Valeria Beatrice Melincu
SIGNATURE OF NOTARY

OPTIONAL

Though the data is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent reattachment of this form.

CAPACITY CLAIMED BY SIGNER

DESCRIPTION OF ATTACHED DOCUMENT

- INDIVIDUAL
- CORPORATE OFFICER

TITLE(S)

- PARTNERS
- LIMITED
- GENERAL
- ATTORNEY-IN-FACT
- TRUSTEE(S)
- GUARDIAN/CONSERVATOR
- OTHER: _____

TITLE OR TYPE OF DOCUMENT

NUMBER OF PAGES

DATE OF DOCUMENT

SIGNER REPRESENTING:
NAME OF PERSON(S) ENTITY(IES)

SIGNER(S) OTHER THAN NAMED ABOVE

EXHIBIT A

Conditions For An Encroachment In The Public Right-Of-Way

address 638 2nd Street

parcel no. 001-0125-001-00

permittee Cardanal Partners, LLC

permit no. ENMI 07063

- **General conditions of the encroachment**

1. This agreement may be voided and the associated permit for an encroachment may be revoked at any time and for any reason, at the sole discretion of the City Administrator or his or her designee, or the associated permit may be suspended at any time, at the sole discretion of the City Engineer, upon failure of the permittee to comply fully and continuously with each and all of the general and special conditions set forth herein and in the associated permit.
2. The property owner and permittee hereby disclaim any right, title, or interest in or to any portion of the public right-of-way, including the sidewalk and street, and agree that the encroachment is granted for indeterminate period of time and that the use and occupancy by the permittee of the public right-of-way is temporary and does not constitute an abandonment, whether expressed or implied, by the City of Oakland of any of its rights associated with the statutory and customary purpose and use of and operations in the public right-of-way.
3. The permittee agrees to indemnify and save harmless the City of Oakland, its officers, agents, employees, and volunteers, and each of them, from any suits, claims, or actions brought by any person or persons, corporations, or other entities for on account of any bodily injury, disease, or illness, including death, damage to property, real or personal, or damages of any nature, however caused, and regardless of responsibility for negligence, arising in any manner out of the construction of or installation of a private improvement itself or sustained as result of its construction or installation or resulting from the permittee' failure to maintain, repair, remove and/or reconstruct the private improvement.
4. The permittee shall maintain fully in force and effect at all times that the encroachment occupies the public right-of-way good and sufficient public liability insurance in a face amount not less than \$300,000.00 for each occurrence, and property damage insurance in a face amount not less than \$50,000.00 for each occurrence, both including contractual liability, insuring the City of Oakland, its officers, agents, employees, and volunteers against any and all claims arising out of the existence of the encroachment in the public right-of-way, as respects liabilities assume under this permit, and that a certificate of such insurance and subsequent notices of the renewal thereof, shall be filed with the City Engineer of the City of Oakland, and that such certificate shall state that the insurance coverage shall not be canceled or be permitted to lapse without thirty calendar (30) days written notice to the City Engineer. The permittees also agrees that the City of Oakland may review the type and amount of insurance required of the permittee annually and may require the permittee to increase the amount of and/or change the type of insurance overage required.
5. The permittee shall be solely and fully liable and responsible for the repair, replacement, removal, reconstruction, and maintenance of any portion or all of the private improvements constructed or installed in the public right-of-way, whether by the cause, neglect, or negligence of the permittee or others and for the associated costs and expenses necessary to restore or remove the encroachment to the satisfaction of the City Engineer and shall not allow the encroachment to become a blight or a menace or a hazard to the health and safety of the general public.

6. The permittee acknowledge and agree that the encroachment is out of the ordinary and does not comply with City of Oakland standard installations. The permittees further acknowledge and agree that the City of Oakland and public utility agencies will periodically conduct work in the public right-of-way, including excavation, trenching, and relocation of its facilities, all of which may damage the encroachment. Permittee further acknowledge and agree that the City and public utility agencies take no responsibility for repair or replacement of the encroachment which may be damaged by the City or its contractors or public utility agencies or their contractors. Permittee further acknowledge and agree that upon notification by and to the satisfaction of the City Engineer, permittee shall immediately repair, replace, or remove, at the sole expense of the permittee, all damages to the encroachment that are directly or indirectly attributable to work by the City or its contractors or public utility agencies or their contractors.
 7. Permittee shall remain liable for and shall immediately reimburse the City of Oakland for all costs, fee assessments, penalties, and accruing interest associated with the City's notification and subsequent abatement action for required maintenance, repairs, or removal, whether in whole or in part, of the encroachment or of damaged City infrastructure made necessary by the failure, whether direct or indirect, of the permittees to monitor the encroachment effectively and accomplish preventative, remedial, or restorative work expeditiously. The City reserves the unqualified right to collect all monies unpaid through any combination of available statutory remedies, including recordation of Prospective Liens and Priority Liens/ Special Assessments with the Alameda County Recorder, inclusion of non-reimbursed amounts by the Alameda County Assessor with the annual assessment of the general levy, and awards of judgments by a court of competent jurisdiction.
 8. Upon revocation of the encroachment permit, permittee shall immediately, completely, and permanently remove the encroachment from the public right-of-way and restore the public right-of-way to its original conditions existing before the construction or installation of the encroachment, to the satisfaction of the City Engineer and all at the sole expense of the permittee.
 9. This agreement and the associated permit for an encroachment shall become effective upon filing of this agreement with the Alameda County Recorder for recordation as an encumbrance of the property and its title.
- **Special conditions of the encroachment**
10. Tank contents shall be removed and disposed as approved by the Fire Prevention Bureau.
 11. Tanks shall be filled with cement slurry (non-shrink additive) as approved by the Fire Prevention Bureau.

EXHIBIT B

Description Of the Private Property Abutting The Encroachment

address 638 2nd Street.

parcel no. 001-0125-001-00

deed no. 97284346

recorded October 28, 1997

The land referred to is situated in the State of California, County of Alameda, City of Oakland, and is described as follows:

PARCEL ONE:

Beginning at the point of intersection of the Northern line of Second Street with the Eastern line of Grove Street, as said streets are shown on the map hereinafter referred to; running thence Northerly along said line of Grove Street, 200 feet to the point of intersection of the Southern line of Third Street with the said Eastern line of Grove Street; thence at right angles Easterly along said Southern line of Third Street, 124 feet; thence at right angles Southerly 100 feet; thence at right angles Westerly 14 feet; thence at right angles Southerly 100 feet to the said Northern line of Second Street; and thence Westerly along said line of Second Street 100 feet to the point of beginning.

Being all of lots numbered 1, 2, 3, 4, 5, 6, 7, 8, 9 and 28 and a portion of Lot No. 10 in Block No. 22, as said lots and block are delineated and so designated upon Kellersbergers' Map of Oakland, on file in the office of the County Recorder of Alameda County.

PARCEL TWO:

Beginning at a point on the Northern line of Second Street, distant thereon 100 feet Easterly from the point of intersection thereof with the Eastern line of Grove Street; running thence Easterly along said line of Second Street, 125 feet; thence at right angles Northerly 200 feet to the Southern line of Third Street; thence at right angles Westerly along said line of Third Street 75 feet; thence at right angles Southerly 100 feet; thence at right angles Westerly 50 feet; and thence at right angles Southerly 100 feet to the point of beginning.

Being all of Lots 12, 13, 14, 23, 24, 25, 26 and 27 in Block No. 22, as said lots and block are delineated and so designated upon Kellersbergers' Map of Oakland on file in the office of the County Recorder of the County of Alameda.

Assessor's Parcel No. 001-0125-001

EXHIBIT C

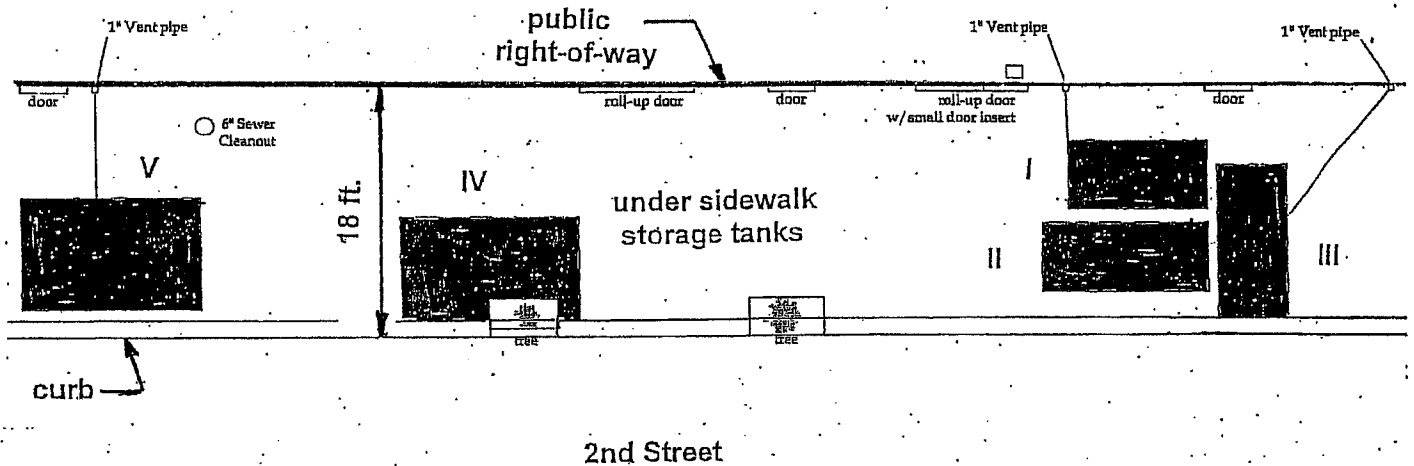
Limits Of The Encroachment In The Public Right-Of-Way

address 638 2nd Street

parcel no. 001-0125-001-00

202
Martin Luther King Jr Way

APN 001-0125-001-00



2nd Street

TANK DIMENSIONS	
I	10' x 5'
II	12' x 8'
III	12' x 5'
IV	16' x 8'
V	16' x 8'

Job Site 638 2ND ST

Parcel# 001 -0125-001-00

Appl# ENMI070

Descr to allow filling existing underground storage tanks [5]
in public r.o.w.

Filed 02/06/07

Work Type OTHER MINOR ENCROACH

Insurance Required? YES Carrier Expires

Owner CARDANAL PARTNERS LLC
Contractor
Arch/Engr
Agent MALCOLM DEADER PICONE
Applic Addr 4517 WALNUT BL, WALNUT CREEK CA, 94596

Applicant X (510) 444-2404
Phone# (510) 444-2404
Lic#
License Classes--

\$937.51 TOTAL FEES PAID AT FILING	\$0.00 TOTAL FEES PAID AT ISSUANCE
\$61.00 Applic	\$0.00 Permit
\$756.00 Process	\$77.62 Rec Mgmt
\$0.00 Gen Plan	\$0.00 Invstg
\$0.00 Other	\$42.89 Tech Enh

DIST: ADDRESS:

JOB SITE
CITY OF OAKLAND

Applications for which no permit is issued within 180 days shall expire by limitation.

Job Site 638 2ND ST Parcel# 001 -0125-001-00 Appl# OB070368

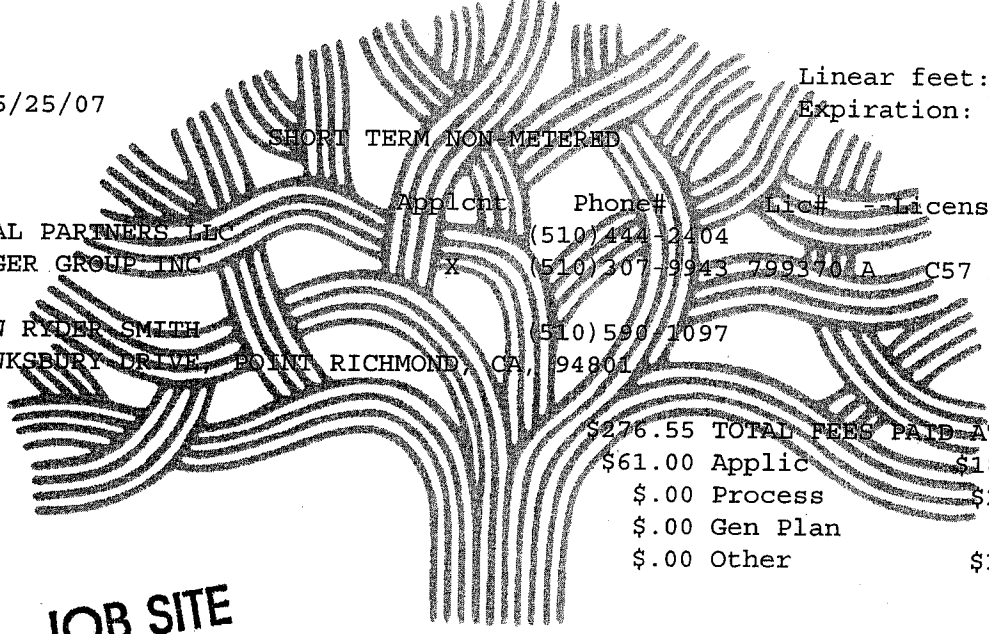
Block traffic & parking lane per approved TCP Permit Issued 05/24/07
to excavate existing underground storage tanks to allow
filling existing underground storage tanks [5] in public row

Nbr of days: 1 Linear feet: 300
Effective: 05/25/07 Expiration: 05/25/07

SHORT TERM NON-METERED

Owner CARDANAL PARTNERS LLC
Contractor THE AUGER GROUP INC
Arch/Engr
Agent MATTHEW RYDER SMITH
Applic Addr 229 TEWKSBURY DRIVE, POINT RICHMOND, CA 94801

Applicant Phone# Lic# License Classes--
(510) 444-2404
X (510) 307-9943 799340 A C57 B
(510) 590-1097



\$276.55 TOTAL FEES PAID AT ISSUANCE
\$61.00 Applic \$180.00 Permit
\$.00 Process \$22.90 Rec Mgmt
\$.00 Gen Plan \$.00 Invstg
\$.00 Other \$12.65 Tech Enh

JOB SITE

CITY OF OAKLAND

DIST: ADDRESS:

TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan.

Applicant: Karel Dettl 5/24/07
Issued by: [Signature] d

Applications for which no permit is issued within 180 days shall expire by limitation.

Job Site 638 2ND ST

Parcel# 001 -0125-001-00

Appl# OB07028

Block traffic & parking lane per approved TCP
 to excavate existing underground storage tanks to allow
 filling existing underground storage tanks [5] in public row

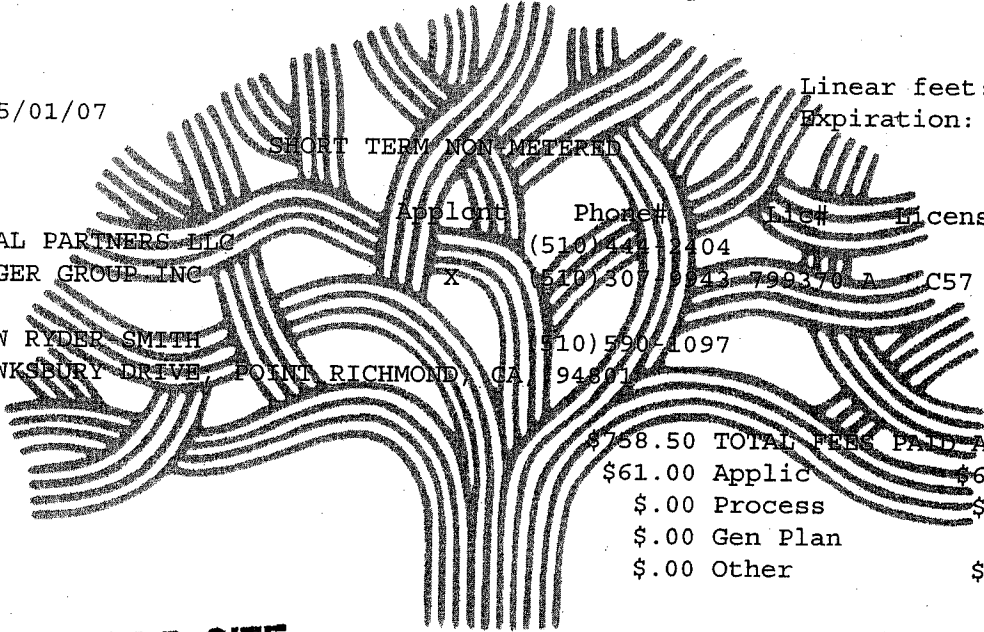
Permit Issued 04/25/07

Nbr of days: 2
 Effective: 05/01/07

Linear feet: 500
 Expiration: 05/02/07

SHORT TERM NON-METERED

	Applicant	Phone#	Lic#	License Classes--
Owner	CARDANAL PARTNERS, LLC	(510) 441-1004		
Contractor	THE AUGER GROUP, INC	X (510) 307-4379	78 A	C57 B
Arch/Engr				
Agent	MATTHEW RYDER SMITH	(510) 590-1097		
Applic Addr	229 TEWKSBURY DRIVE, POINT RICHMOND, CA 94801			



\$758.50	TOTAL FEES PAID AT ISSUANCE	
\$61.00	Applic	\$600.00 Permit
\$.00	Process	\$62.80 Rec Mgmt
\$.00	Gen Plan	\$.00 Invstg
\$.00	Other	\$34.70 Tech Enh

JOB SITE

CITY OF OAKLAND

DIST: ADDRESS:

TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan.

Applicant: _____

Issued by: _____ *[Signature]* _____ *[Signature]*

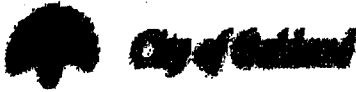
Date: 04/25/07 Amt Paid: \$758.50
 By: PLC Register R02 Receipt# 102209

RECEIVED
PUBLIC WORKS AGENCY
TRAFFIC ENGINEERING

07 APR 18 AM 11:10

APPLICATION FOR TRAFFIC CONTROL PLAN

Transportation Services Fee: \$100/hour
(Check or Money Order Only)



Public Works Agency
Transportation Services Division

- Check the box that apply:
- New Application (Utility, Excavation)
 - Renewal Application
 - New Development w/ Mgmt Plan
 - City of Oakland Project

Please read the following:

1. Processing time for a Traffic Control Application is a minimum of 10 working days.
2. Traffic Control review is scheduled only on Tuesdays and Thursdays from 8:30am thru 11:30am by appointment only.
3. A scheduled appointment by phone or email with a TSD staff member is necessary to discuss any and all traffic control application and plans.
4. Please call ahead to confirm that the traffic control application is ready for pickup @ 510-238-3467.
5. Businesses and residences adjacent to the work area must be provided 72 hour advance notice.
6. A completed traffic control application may be faxed to (510) 238-7415.
7. Incomplete traffic control applications will not be processed and will be returned to applicant.
8. The initial approval for a traffic control plan is 1 month, the renewal submittal may be approved up to 3 months.
9. The traffic control provision dates cannot be changed or extended if work has already commenced.
10. Upon receiving TSD approval of the traffic control plan, the applicant (or contractor) shall proceed to the Building Services Division of CEDA to obtain an "Obstruction Permit." CEDA is located at 250 Frank Ogawa Plaza, 2nd Floor, Oakland, CA 94612.

Contact Person: MATTHEW RYDER-SMITH Phone: 510-590-1097
 Name of Company: CLEARWATER GROUP Fax: _____
 Address of Company: 229 TENKSBURY AVE POINT RICHMOND CA 94801
 Describe type of work to be performed: CLEANING + GROUTING UP UNDERGROUND STORAGE TANKS.

Location of work: 632-638 2ND ST Between MLK And JEFFERSON
 * Name the streets that are the boundaries of your work area.
 Work date (s): TBA Mon-Fri Sat-Sun Mon-Fri Sat-Sun
 Work Hours: 7 to 6

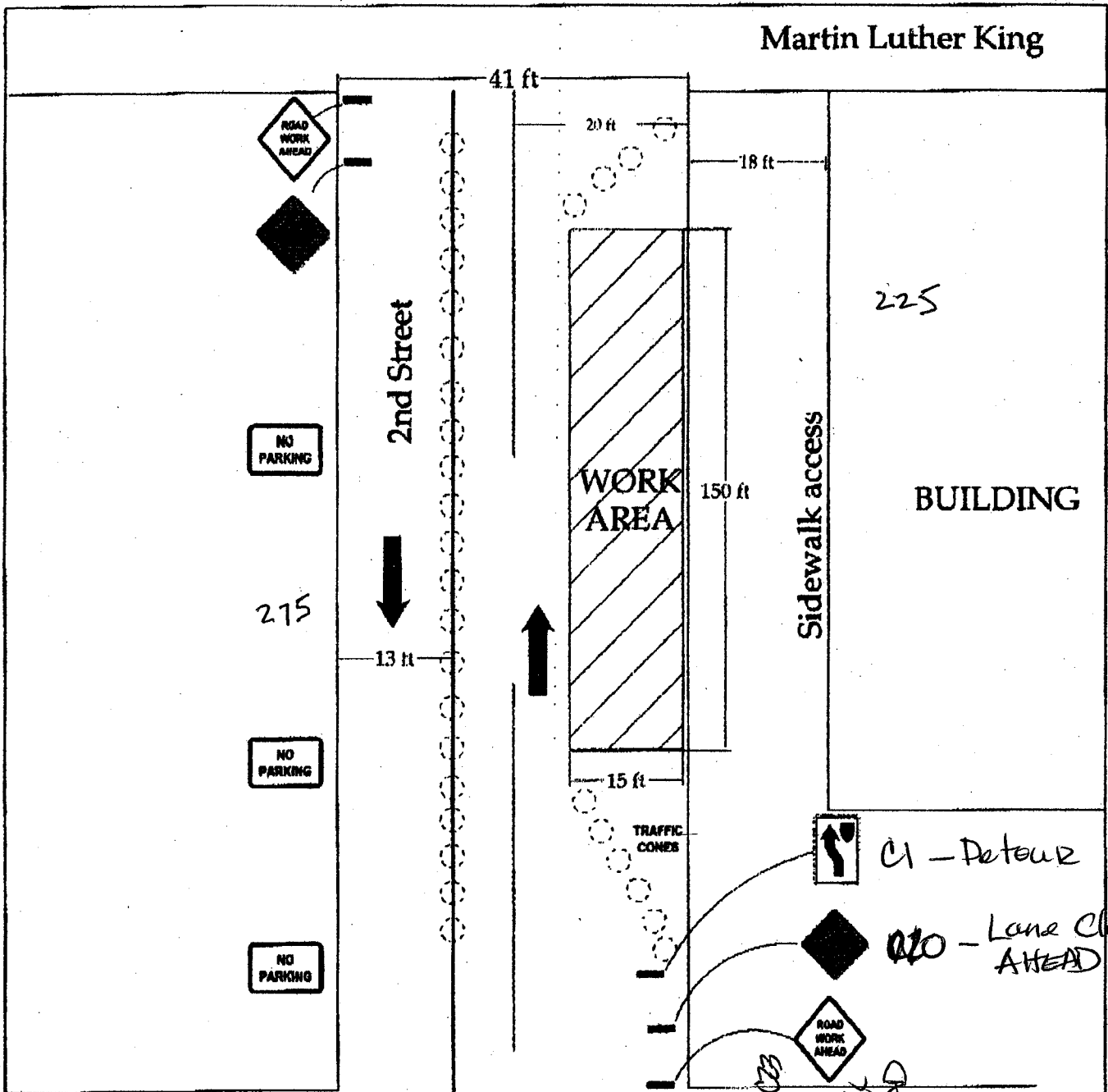
Please follow these steps to complete a Traffic Control Plan:

- Drawing Area:** The full width of all streets adjacent to the site MUST be included in the drawing. Include the entire block in which your work is located for every street that is adjacent to your site.
- Include Street Names, Direction of Traffic on the Street, and North Arrow**
- Show Existing Number of Lanes in all Directions (with any pavement arrows)**
- Check the Box(s) that Apply: All checked items MUST be shown on the drawing**
 - Lane Closure
 - Use of Median
 - Sidewalk Closure (must provide pedestrian walk way)
 - Street Closures (must provide detour plan)
 - Use Parking Lane
- Show All Dimensions of street widths (curb to curb), lane widths, sidewalk widths, and work area dimension.**
(Note: Traffic Control Application / Plans missing the above information will not be accepted or processed.)
- Show the Name and Locations of all advanced warning devices, flaggers, delineators, warning and construction signs to be used.**

RENEWAL PROCEDURE: Resubmit a completed Traffic Control Application with the old approved plan (with the necessary modifications / changes to the plans).

FOR HELP in constructing a traffic control plan please refer to the "WATCH" hand book or chapter 5 of the MUTCD manual available online at: <http://www.dot.ca.gov/hq/traffops/signtech/signdev/chp5/chap5.htm>

For our Website: http://www.oaklandpw.com/transportation/traffic_control_plan.htm



APPROVED: *Joe Watson* 4/19/07
 Transportation Services Division
 CITY OF OAKLAND

NOT TO SCALE

TRAFFIC CONTROL PLAN Markus Supply Hardware 626 Second St Oakland, CA	CLEARWATER GROUP		
	Project No. GB001C	Figure Date 02/07	Figure 1

SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

OB070281

Project Name: _____
 Project Number: TSD-07-0074
 Reviewed By: JWatson *[Signature]*
 Date: 4/19/2007
 Permit good from 5/01/07
 to 5/04/07

ADD NEW SUBSECTION TO READ:
SP 7-10.1.4 Vehicular Traffic

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2000 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the Work Area Traffic Control Handbook or Caltrans Traffic Manual, Chapter 5 – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a condition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and reopened to travel. Emergency access shall be provided at all times.

Street Name Limits	Obstruction Period	North Bound	South Bound	East Bound	West Bound
2 nd Street between MLK Jr. Way and Jefferson Street	Mon. – Fri. 7am – 4pm	N/A	N/A	1-11' lane open minimum	1-11' lane open minimum

The Contractor Shall Also include all check item:

1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3. Provide advance notice to Oakland Police at (510) 615-5874 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
4. Provide 72-hour advance notice to AC Transit at (510) 891-4909 when affecting a bus stop.
5. For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
6. Flagger control is required. Certified Flagger is required.
7. Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
8. Pedestrian traffic shall be maintained and guided through the project at all times.
9. Provide advance notice to Business and Residence within 72-hours.
10. Allow all traffic movement at intersection.

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.

CITY OF OAKLAND



PUBLIC WORKS AGENCY • 250 FRANK H. OGAWA PLAZA • SUITE 4344 • OAKLAND, CALIFORNIA 94612-2033

Transportation Services Division

Office (510) 238-3466

FAX (510) 238-7415

TDD (510) 839-6451

Traffic Engineering Services Analysis Fee Invoice

Date: April 19, 2007

TSD Invoice # : 07-0074

To: Matthew Ryder-Smith

Company: Clearwater Group

Address: 229 Tewksbury Avenue, Point Richmond, CA 94801

Phone: 510-590-1097

Created/Received By: Joe Watson

Location	Description of Work	Project Name / Permit #	# of Hours *
2nd Street btwn MLK Jr. Ways and Jefferson Street	Lane Closure		1
Total Hours			1
TSD Service Rate			\$ 100.00
Total Fee			\$ 100.00

* - minimum 1 hour service

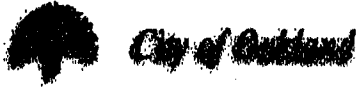
FOR CITY USE ONLY	
Cost Center No.	W659
Organization No.	30262
Account No.	45119
Fund No.	1750

Cc: Rosalie

RECEIVED
PUBLIC WORKS AGENCY
TRAFFIC ENGINEERING
MAY 16 AM 9:05

APPLICATION FOR TRAFFIC CONTROL PLAN

Transportation Services Fee: \$100/hour
(Check or Money Order Only)



Public Works Agency
Transportation Services Division

- Check the box that apply:
- New Application (Utility, Excavation)
 - Renewal Application
 - New Development w/ Mgmt Plan
 - City of Oakland Project

Please read the following:

1. Processing time for a Traffic Control Application is a minimum of 10 working days.
2. Traffic Control review is scheduled only on Tuesdays and Thursdays from 8:30am thru 11:30am by appointment only.
3. A scheduled appointment by phone or email with a TSD staff member is necessary to discuss any and all traffic control application and plans.
4. Please call ahead to confirm that the traffic control application is ready for pickup @ 510-238-3467.
5. Businesses and residences adjacent to the work area must be provided 72 hour advance notice.
6. A completed traffic control application may be faxed to (510) 238-7415.
7. Incomplete traffic control applications will not be processed and will be returned to applicant.
8. The initial approval for a traffic control plan is 1 month, the renewal submittal may be approved up to 3 months.
9. The traffic control provision dates cannot be changed or extended if work has already commenced.
10. Upon receiving TSD approval of the traffic control plan, the applicant (or contractor) shall proceed to the Building Services Division of CEDA to obtain an "Obstruction Permk." CEDA is located at 250 Frank Ogawa Plaza, 2nd Floor, Oakland, CA 94612.

Contact Person: MATTHEW RYDER SMITH Phone: 510-590-1097
 Name of Company: CLEARWATER GROUP Fax: _____
 Address of Company: 229 TEWKSBURY AVE POINT RICHMOND CA 94801
 Describe type of work to be performed: CLEANING + FILLING A UST

Location of work: 638 2ND ST Between* MLK And* JEFFERSON
 * Name the streets that are the boundaries of your work area.
 Work date (s): 05/22 Mon-Fri Sat-Sun Work Hours: 7 to 6
05/23 Mon-Fri Sat-Sun 7 to 6

Please Follow these Steps to Complete a Traffic Control Plan

- A. Drawing Area: The full width of all streets adjacent to the site MUST be included in the drawing. Include the entire block in which your work is located for every street that is adjacent to your site.
- B. Include Street Names, Direction of Traffic on the Street, and North Arrow
- C. Show Existing Number of Lanes in all Directions (with any pavement arrows)
- D. Check the Box(s) that Apply: All checked items MUST be shown on the drawing

<input type="checkbox"/> Lane Closure	<input type="checkbox"/> Use of Median	<input type="checkbox"/> Sidewalk Closure (must provide pedestrian walk way)
<input type="checkbox"/> Street Closures (must provide detour plan)	<input checked="" type="checkbox"/> Use Parking Lane	
- E. Show All Dimensions of street widths (curb to curb), lane widths, sidewalk widths, and work area dimension.
(Note: Traffic Control Application / Plans missing the above information will not be accepted or processed.)
- F. Show the Name and Locations of all advanced warning devices, flaggers, delineators, warning and construction signs to be used.

RENEWAL PROCESS: Resubmit a completed Traffic Control Application with the old approved plan (with the necessary modifications / changes to the plans).

FOR HELP in constructing a traffic control plan please refer to the "WATCH" hand book or chapter 5 of the MUTCD manual available online at: <http://www.dot.ca.gov/hq/traffic/signtech/signdel/chp5/chap5.htm>

For our Website: http://www.oaklandpw.com/transportation/traffic_control_plan.htm

CITY OF OAKLAND



PUBLIC WORKS AGENCY • 250 FRANK H. OGAWA PLAZA • SUITE 4344 • OAKLAND, CALIFORNIA 94612-2033

Transportation Services Division

Office (510) 238-3466

FAX (510) 238-7415

TDD (510) 839-6451

Traffic Engineering Services Analysis Fee Invoice

Date: May 21, 2007

TSD Invoice # : 07-0093

To: Matthew Ryder-Smith

Company: Clearwater Group

Address: 229 Tewksbury Avenue, Point Richmond, CA 94801

Phone: 510-590-1097

Created/Received By: Joe Watson

Location	Description of Work	Project Name / Permit #	# of Hours *
2nd Street btwn MLK Jr. Ways and Jefferson Street	Lane Closure		1
Total Hours			1
TSD Service Rate			\$ 100.00
Total Fee			\$ 100.00

* - minimum 1 hour service

FOR CITY USE ONLY	
Cost Center No.	W659
Organization No.	30262
Account No.	45119
Fund No.	1750

Cc: Rosalie

SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name: _____
 Project Number: TSD-07-0093
 Reviewed By: JWatson *J. Watson*
 Date: 5/21/2007
 Permit good from 5/24/07
 to 5/25/07

ADD NEW SUBSECTION TO READ:
SP 7-10.1.4 Vehicular Traffic

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2000 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the Work Area Traffic Control Handbook or Caltrans Traffic Manual, Chapter 5 – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a condition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and reopened to travel. Emergency access shall be provided at all times.

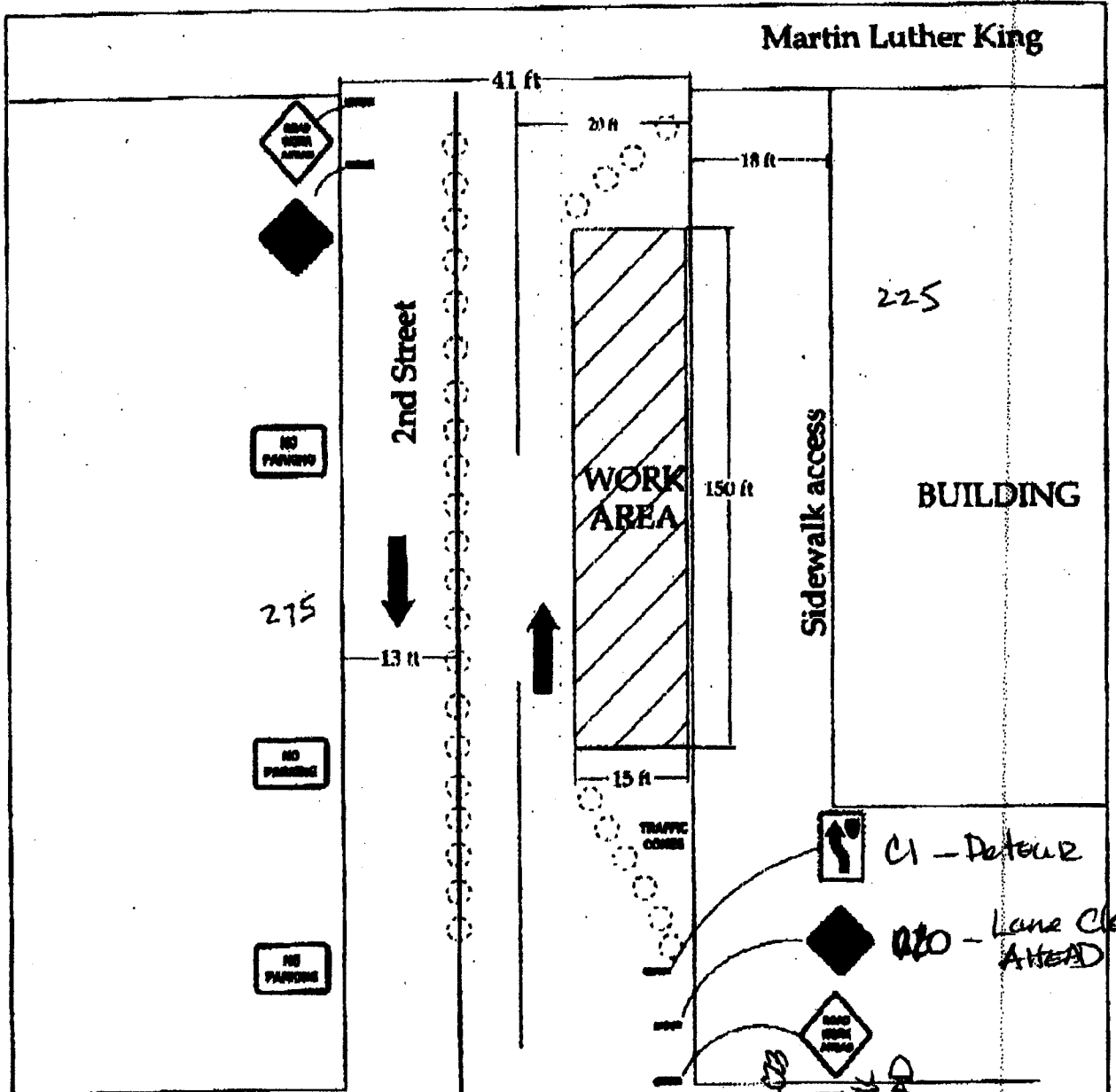
Street Name Limits	Obstruction Period	North Bound	South Bound	East Bound	West Bound
2 nd Street between MLK Jr. Way and Jefferson Street	Mon. – Fri. 7am – 4pm	N/A	N/A	1-11' lane open minimum	1-11' lane open minimum

The Contractor Shall Also include all check item:

1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
3. Provide advance notice to Oakland Police at (510) 615-5874 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
4. Provide 72-hour advance notice to AC Transit at (510) 891-4909 when affecting a bus stop.
5. For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
6. Flagger control is required. Certified Flagger is required.
7. Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
8. Pedestrian traffic shall be maintained and guided through the project at all times.
9. Provide advance notice to Business and Residence within 72-hours.
10. Allow all traffic movement at intersection.

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.

0B070359



APPROVED: *Joe Watson* 4/19/07
 Transportation Services Division
 CITY OF OAKLAND

APPROVED: *Joe Watson* 5/21/07
 Transportation Services Division
 CITY OF OAKLAND

NOT TO SCALE

TRAFFIC CONTROL PLAN
 Markus Supply Hardware
 426 Second St
 Oakland, CA

CLEARWATER GROUP

Project No. GB001C	Figure Date 02/07	Figure 1
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ATTACHMENT D

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number
CAC002612661

2. Page 1 of 4

3. Emergency Response Phone
(800)424-9300

4. Manifest Tracking Number
002100825 JJK

5. Generator's Name and Mailing Address
Cardanal Partners - Markus Supply
835 2nd St
Oakland CA 94607

Generator's Site Address (if different than mailing address)
638 2nd St
Oakland CA 94607

Generator's Phone: Oakland CA 94607

6. Transporter 1 Company Name
UNI WASTE
U.S. EPA ID Number
CAL000317320

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
ALVISO INDEPENDENT OIL
6002 ARCHER STREET
ALVISO CA 95002
Facility's Phone: (510)476-1740
U.S. EPA ID Number
CAL000161743

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes		
		No.	Type					
1	oil water WASTE LIQUID) NON RCRA HAZARDOUS	001	TT	2500	G	223		
2								
3								
4								

14. Special Handling Instructions and Additional Information
WEAR PPE, ERG # 171

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/Officer's Printed/Typed Name
A. J. ALVARO
Signature
Month Day Year
5 1 07

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name
THOMAS CANEVARO
Signature
Month Day Year
5 1 07
Transporter 2 Printed/Typed Name
Signature
Month Day Year

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

18b. Alternate Facility (or Generator)
Manifest Reference Number:
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. H-14 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as related in item 18a
Printed/Typed Name
KIRK J. HAYWARD
Signature
Month Day Year
05 01 07

GENERATOR
TRANSPORTER INTL
DESIGNATED FACILITY

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

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

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>CAL 002 CA 12 06 01</i>		2. Page 1 of 1	3. Emergency Response Phone <i>(800)424-9300</i>		4. Manifest Tracking Number 002100831 JJK			
5. Generator's Name and Mailing Address <i>CARDINAL PARTNERS c/o DAN RATHWAAG 625 3RD ST. OAKLAND, CA. 94607</i>					Generator's Site Address (if different than mailing address)					
6. Transporter 1 Company Name UNI WASTE					U.S. EPA ID Number CAL000317320					
7. Transporter 2 Company Name					U.S. EPA ID Number					
8. Designated Facility Name and Site Address ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO CA 95002					U.S. EPA ID Number CAL000161743					
Facility's Phone: <i>(510)476-1740</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>(OIL + WATER) NON RCRA HAZARDOUS WASTE, LIQUID</i>			<i>001 TT</i>		<i>4450</i>	<i>G</i>	<i>233</i>	
	2									
	3									
	4									
14. Special Handling Instructions and Additional Information WEAR PPE, ERG # 171										
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/Officer's Printed/Typed Name <i>M. RYDER-SMITH</i>					Signature <i>[Signature]</i>			Month Day Year <i>05 02 07</i>		
INT'L	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____									
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name <i>MIKE STONE</i> Signature <i>[Signature]</i> Month Day Year <i>05 02 07</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) Facility's Phone: _____					U.S. EPA ID Number				
	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) <i>A-141</i>										
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>[Name]</i> Signature <i>[Signature]</i> Month Day Year <i>05 03 07</i>										

JUN. 4. 2007 3:31PM

No. 8787 P. 6/6

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

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number CAC02612661		2. Page 1 of 1		3. Emergency Response Phone (800)424-9300		4. Manifest Tracking Number 002100823 JJK			
5. Generator's Name and Mailing Address Dan Altwater Markus Supply & Ace Hardware; 625 3rd St Oakland CA 94607						Generator's Site Address (if different than mailing address) Markus Supply & Ace Hardware 625 3rd St. Oakland CA 94607					
6. Transporter 1 Company Name UNI WASTE		U.S. EPA ID Number CAL000317320		7. Transporter 2 Company Name		U.S. EPA ID Number					
8. Designated Facility Name and Site Address ALVISO INDEPENDENT OIL 5002 ARCHER STREET ALVISO CA 95002						U.S. EPA ID Number CAL000161743					
Facility's Phone: (510)476-1740											
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))					10. Containers		11. Total Quantity	12. Unit Wt/Vol	13. Waste Codes	
						No.	Type				
1	(oily water) NON RCRA HAZARDOUS WASTE LIQUID					001	TT	375	G	223	
2											
3											
4											
14. Special Handling Instructions and Additional Information WEAR PPE, ERG# 171											
15. GENERATOR/SOFFEROR'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.											
Generators/Officer's Printed/Typed Name MATTHEW RYDER SMITH						Signature 			Month Day Year 5 28 07		
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry: _____ Date leaving U.S.: _____											
17. Transporter Acknowledgment of Receipt of Materials											
Transporter 1 Printed/Typed Name Anthony Canevaro						Signature 			Month Day Year 5 29 07		
Transporter 2 Printed/Typed Name						Signature			Month Day Year		
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											
18b. Alternate Facility (or Generator)						Manifest Reference Number: _____ U.S. EPA ID Number _____					
Facility's Phone: _____											
18c. Signature of Alternate Facility (or Generator)						Signature			Month Day Year		
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)											
1. H-111		2. 1		3. _____		4. _____					
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 19.						Signature 			Month Day Year 05 25 07		
Printed/Typed Name Kirk Hayward						Signature			Month Day Year		

ATTACHMENT E



Report Number : 56249

Date : 05/11/2007

Matthew Ryder-Smith
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 1 Samples
Project Name : MARKUS SUPPLY
Project Number : GB001C

Dear Mr. Ryder-Smith,

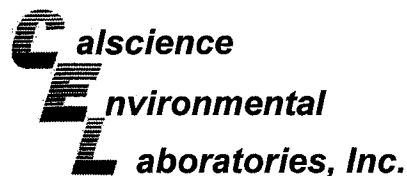
Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,

A handwritten signature in black ink, appearing to read "Joel Kiff".

Joel Kiff



May 11, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-05-0354**
Client Reference: Markus Supply

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/4/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

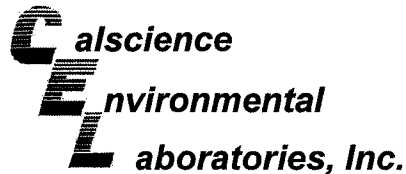
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink that reads "Vikas Patel for".

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

A handwritten signature in black ink, likely belonging to Stephen Nowak, the Project Manager.



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 05/04/07
Work Order No: 07-05-0354
Preparation: EPA 3545
Method: EPA 8270C
Units: ug/smpl

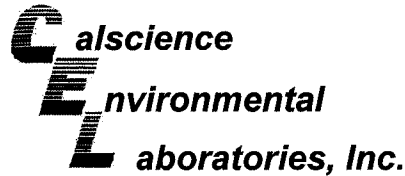
Project: Markus Supply

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
TANK 4	07-05-0354-1	05/02/07	Oil	GC/MS MM	05/07/07	05/10/07	070507L10

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	2000	40		Acenaphthylene	ND	1000	40	
Aniline	ND	2000	40		3-Nitroaniline	ND	2000	40	
Phenol	ND	2000	40		Acenaphthene	ND	1000	40	
Bis(2-Chloroethyl) Ether	ND	2000	40		2,4-Dinitrophenol	ND	2000	40	
2-Chlorophenol	ND	2000	40		4-Nitrophenol	ND	2000	40	
1,3-Dichlorobenzene	ND	2000	40		Dibenzofuran	ND	2000	40	
1,4-Dichlorobenzene	ND	2000	40		2,4-Dinitrotoluene	ND	1000	40	
Benzyl Alcohol	ND	2000	40		2,6-Dinitrotoluene	ND	2000	40	
1,2-Dichlorobenzene	ND	2000	40		Diethyl Phthalate	ND	2000	40	
2-Methylphenol	ND	2000	40		4-Chlorophenyl-Phenyl Ether	ND	2000	40	
Bis(2-Chloroisopropyl) Ether	ND	2000	40		Fluorene	ND	1000	40	
3/4-Methylphenol	ND	2000	40		4-Nitroaniline	ND	2000	40	
N-Nitroso-di-n-propylamine	ND	2000	40		Azobenzene	ND	2000	40	
Hexachloroethane	ND	2000	40		4,6-Dinitro-2-Methylphenol	ND	2000	40	
Nitrobenzene	ND	2000	40		N-Nitrosodiphenylamine	ND	2000	40	
Isophorone	ND	2000	40		4-Bromophenyl-Phenyl Ether	ND	2000	40	
2-Nitrophenol	ND	2000	40		Hexachlorobenzene	ND	1000	40	
2,4-Dimethylphenol	ND	2000	40		Pentachlorophenol	ND	2000	40	
Benzoic Acid	ND	2000	40		Phenanthrene	ND	1000	40	
Bis(2-Chloroethoxy) Methane	ND	2000	40		Anthracene	ND	1000	40	
2,4-Dichlorophenol	ND	2000	40		Di-n-Butyl Phthalate	ND	2000	40	
1,2,4-Trichlorobenzene	ND	2000	40		Fluoranthene	ND	1000	40	
Naphthalene	1300	1000	40		Benzidine	ND	2000	40	
4-Chloroaniline	ND	2000	40		Pyrene	ND	1000	40	
Hexachloro-1,3-Butadiene	ND	2000	40		Butyl Benzyl Phthalate	ND	2000	40	
4-Chloro-3-Methylphenol	ND	2000	40		3,3'-Dichlorobenzidine	ND	2000	40	
2-Methylnaphthalene	2800	1000	40		Benzo (a) Anthracene	ND	1000	40	
1-Methylnaphthalene	1800	1000	40		Bis(2-Ethylhexyl) Phthalate	ND	2000	40	
Hexachlorocyclopentadiene	ND	2000	40		Chrysene	ND	1000	40	
2,4,6-Trichlorophenol	ND	2000	40		Di-n-Octyl Phthalate	ND	2000	40	
2,4,5-Trichlorophenol	ND	2000	40		Benzo (a) Pyrene	ND	1000	40	
2-Chloronaphthalene	ND	2000	40		Benzo (g,h,i) Perylene	ND	1000	40	
2-Nitroaniline	ND	2000	40		Indeno (1,2,3-c,d) Pyrene	ND	1000	40	
Dimethyl Phthalate	ND	2000	40		Dibenz (a,h) Anthracene	ND	1000	40	
<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>		<u>Surrogates:</u>	<u>REC (%)</u>	<u>Control Limits</u>	<u>Qual</u>	
2-Fluorophenol	104	25-121			Phenol-d6	94	24-113		
Nitrobenzene-d5	63	23-120			2-Fluorobiphenyl	112	30-115		
2,4,6-Tribromophenol	109	19-122			p-Terphenyl-d14	117	18-137		

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 05/04/07
Work Order No: 07-05-0354
Preparation: EPA 3545
Method: EPA 8270C
Units: ug/smpl

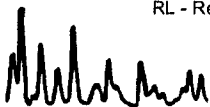
Project: Markus Supply

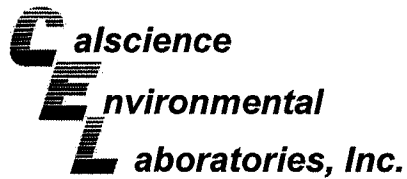
Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	096-02-006-22	N/A	Other	GC/MS MM	05/07/07	05/09/07	070507L10

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	50	1		Acenaphthylene	ND	25	1	
Aniline	ND	50	1		3-Nitroaniline	ND	50	1	
Phenol	ND	50	1		Acenaphthene	ND	25	1	
Bis(2-Chloroethyl) Ether	ND	50	1		2,4-Dinitrophenol	ND	50	1	
2-Chlorophenol	ND	50	1		4-Nitrophenol	ND	50	1	
1,3-Dichlorobenzene	ND	50	1		Dibenzofuran	ND	50	1	
1,4-Dichlorobenzene	ND	50	1		2,4-Dinitrotoluene	ND	25	1	
Benzyl Alcohol	ND	50	1		2,6-Dinitrotoluene	ND	50	1	
1,2-Dichlorobenzene	ND	50	1		Diethyl Phthalate	ND	50	1	
2-Methylphenol	ND	50	1		4-Chlorophenyl-Phenyl Ether	ND	50	1	
Bis(2-Chloroisopropyl) Ether	ND	50	1		Fluorene	ND	25	1	
3/4-Methylphenol	ND	50	1		4-Nitroaniline	ND	50	1	
N-Nitroso-di-n-propylamine	ND	50	1		Azobenzene	ND	50	1	
Hexachloroethane	ND	50	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Nitrobenzene	ND	50	1		N-Nitrosodiphenylamine	ND	50	1	
Isophorone	ND	50	1		4-Bromophenyl-Phenyl Ether	ND	50	1	
2-Nitrophenol	ND	50	1		Hexachlorobenzene	ND	25	1	
2,4-Dimethylphenol	ND	50	1		Pentachlorophenol	ND	50	1	
Benzoic Acid	ND	50	1		Phenanthrene	ND	25	1	
Bis(2-Chloroethoxy) Methane	ND	50	1		Anthracene	ND	25	1	
2,4-Dichlorophenol	ND	50	1		Di-n-Butyl Phthalate	ND	50	1	
1,2,4-Trichlorobenzene	ND	50	1		Fluoranthene	ND	25	1	
Naphthalene	ND	25	1		Benzidine	ND	50	1	
4-Chloroaniline	ND	50	1		Pyrene	ND	25	1	
Hexachloro-1,3-Butadiene	ND	50	1		Butyl Benzyl Phthalate	ND	50	1	
4-Chloro-3-Methylphenol	ND	50	1		3,3'-Dichlorobenzidine	ND	50	1	
2-Methylnaphthalene	ND	25	1		Benzo (a) Anthracene	ND	25	1	
1-Methylnaphthalene	ND	25	1		Bis(2-Ethylhexyl) Phthalate	ND	50	1	
Hexachlorocyclopentadiene	ND	50	1		Chrysene	ND	25	1	
2,4,6-Trichlorophenol	ND	50	1		Di-n-Octyl Phthalate	ND	50	1	
2,4,5-Trichlorophenol	ND	50	1		Benzo (a) Pyrene	ND	25	1	
2-Chloronaphthalene	ND	50	1		Benzo (g,h,i) Perylene	ND	25	1	
2-Nitroaniline	ND	50	1		Indeno (1,2,3-c,d) Pyrene	ND	25	1	
Dimethyl Phthalate	ND	50	1		Dibenz (a,h) Anthracene	ND	25	1	
Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual		
2-Fluorophenol	96	25-121		Phenol-d6	104	24-113			
Nitrobenzene-d5	82	23-120		2-Fluorobiphenyl	76	30-115			
2,4,6-Tribromophenol	82	19-122		p-Terphenyl-d14	77	18-137			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers





Quality Control - LCS/LCS Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 07-05-0354
Preparation: EPA 3545
Method: EPA 8270C

Project: Markus Supply

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-02-006-22	Other	GC/MS MM	05/07/07	05/09/07	070507L10

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	105	106	20-120	1	0-42	
2-Chlorophenol	96	97	23-134	1	0-40	
1,4-Dichlorobenzene	87	88	20-124	1	0-28	
N-Nitroso-di-n-propylamine	102	103	0-230	1	0-38	
1,2,4-Trichlorobenzene	79	79	44-142	0	0-28	
Acenaphthene	88	88	47-145	0	0-31	
2,4-Dinitrotoluene	89	89	39-139	0	0-38	

RPD - Relative Percent Difference , CL - Control Limit



Work Order Number: 07-05-0354

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. 0954 Page 1 of 1

Project Contact (Hardcopy or PDF to):

Troy Turpen

EDF Report? Yes No

Chain-of-Custody Record and Analysis Request

Company/Address:

Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Sampling Company Log Code: **CWGO**

Analysis Request

*Date due:

Phone No.:

FAX No.:

Global ID:

PENDING

Project Number:

GB001C

P.O. No.:

56249

EDF Deliverable to (Email Address):

inbox@kiffanalytical.com

Project Name:

MARKUS SUPPLY

E-mail address:

inbox@kiffanalytical.com

Project Address:

Sample Designation

TANK 4

Sampling

Container

Preservative

Matrix

Date

Time

VOA

Poly

Sleeve

Glass Jar

Tedlar

HCl

HNO3

H2SO4

NONE

Na2S2O3

Liquid

SOIL

Air

05/02/07

8:45

1

1

X

PCBs (EPA 8270)

X

May 10, 2007

X

For Lab Use Only

Relinquished by:

Relinquished by:

Relinquished by:

Date

Time

Received by:

05/02/07

1900

Date

Time

Received by:

5/1/07

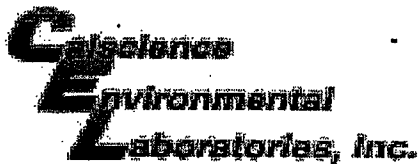
0900

Received by Laboratory:

Remarks:

Bill to:

Accounts Payable



WORK ORDER #: 07 - 05 - 0354

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: ruff

DATE: 5-4-07

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 3.2 C Temperature blank.
C IR thermometer.
Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): Cooler: [checked] No (Not Intact): Not Present:

Initial: WB

SAMPLE CONDITION:

Table with 4 columns: Item, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: WB

COMMENTS:

Blank lines for handwritten comments.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. _____

Page 1 of 1

Project Contact (Hardcopy or PDF to):

EDF Report?

Chain-of-Custody Record and Analysis Request

Troy Turpen

Company/Address:

Kiff Analytical, LLC

Recommended but not mandatory to complete this section:

Analysis Request

*Date due:

Phone No.:

FAX No.:

Global ID:

Project Number:

GB001C

P.O. No.:

56249

Project Name:

MARKUS SUPPLY

inbox@kiffanalytical.com

Project Address:

Sampling

Container

Preservative

Sample Designation

VOA	Poly	Sleeve	Glass Jar	Tedlar	HCl	HNO3	H2SO4	NONE	Na2S2O3	Liquid	SOIL	Air
-----	------	--------	-----------	--------	-----	------	-------	------	---------	--------	------	-----

SVOCs (EPA 8270)

TANK 4

05/02/07

8:45

VOA

Poly

Sleeve

Glass Jar

Tedlar

HCl

HNO3

H2SO4

NONE

Na2S2O3

Liquid

SOIL

Air

X

May 10, 2007

For Lab Use Only

Relinquished by:

Troy A. Turpen

Date
5/4/07

Time
14:35

Received by:

Relinquished by:

Date

Time

Received by:

Relinquished by:

Date

Time

Received by Laboratory:

This is a revised COC for Work Order No. 07-05-0354, requesting SVOCs instead of PCBs.

Accounts Payable



2795 2nd Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4802

SRG # / Lab No. 56249

Page 1 of 1

Project Contact (Hardcopy or PDF To): MATTHEW ROBERT SMITH
 California EDF Report? Yes No

Company / Address: CLEARWATER GROUP
227 FENKSHURK AVE. FT. RICHMOND CA
 Sampling Company Log Code: CW50

Phone #: (510)307-9943 Fax #: (510)232-9823
 Project #: 53001C P.O. #:
 Global ID:

EDF Deliverable To (Email Address): GTISLO@CLEARWATERGROUP.COM
 Project Name: MARKUS SUPPLY
 Sampler Signature: ROBERT BERLIN

Project Address: 626 SECOND ST. OAKLAND, CA

Sample Designation	Date	Time	Container				Preservative			Matrix			Wipe
			40 ml VOA	Sleeve	Poly	Glass	Tedlar	HCl	HNO ₃	None	Water	Soil	
TANK #4	5/2/07	815			X				X				X
TANK #5	5/2/07	815			X			X					X

Chain-of-Custody Record and Analysis Request

Analysis Request											TAT	For Lab Use Only	
MTBE (EPA 8260B) per EPA 8021 level @ 5.0 ppb													<input type="checkbox"/> 12 hr
MTBE (EPA 8260B) @ 0.5 ppb												<input type="checkbox"/> 24 hr	
BTEX (EPA 8260B)												<input type="checkbox"/> 48 hr	
TPH Gas (EPA 8260B)												<input type="checkbox"/> 72 hr	
5 Oxygenates (EPA 8260B)												<input type="checkbox"/> 1 wk	
7 Oxygenates (EPA 8260B)													
Lead Scav. (1,2 DCA & 1,2 EDB-EPA 8260B)													
Volatile Halocarbons (EPA 8260B)													
Volatile Organics Full List (EPA 8260B)													
Volatile Organics (EPA 524.2 Drinking Water)													
TPH as Diesel (EPA 8015M)													
TPH as Motor Oil (EPA 8015M)													
Total Lead (EPA 6010)													
W.E.T. Lead (STLC)													

Relinquished by: <u>R. Berlin</u>	Date: <u>5/2/07</u>	Time: <u>1725</u>	Received by: _____
Relinquished by: _____	Date: _____	Time: _____	Received by: _____
Relinquished by: _____	Date: <u>050307</u>	Time: <u>1046</u>	Received by Laboratory: <u>Rozmische KIFF Analytical</u>

Remarks:					
Bill to:					
For Lab Use Only: Sample Receipt					
Temp °C	Initials	Date	Time	Therm. ID #	Coolant Present
7.2	Rim	050307	1457	IR-5	<input checked="" type="checkbox"/> No



Report Number : 56712

Date : 06/06/2007

Matthew Ryder-Smith
Clearwater Group, Inc.
229 Tewksbury Avenue
Point Richmond, CA 94801

Subject : 1 Samples
Project Name : MARKUS SUPPLY
Project Number : GB001D

Dear Mr. Ryder-Smith,

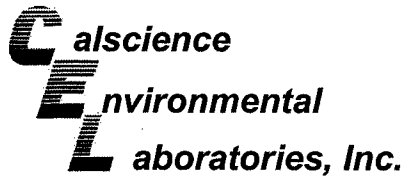
Chemical analysis of the samples referenced above has been completed. Summaries of the data are contained on the following pages. Sample(s) were received under documented chain-of-custody. US EPA protocols for sample storage and preservation were followed.

Kiff Analytical is certified by the State of California (# 2236). If you have any questions regarding procedures or results, please call me at 530-297-4800.

Sincerely,



Joel Kiff



June 05, 2007

Joel Kiff
Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Subject: **Calscience Work Order No.: 07-05-2081**
Client Reference: **Markus Supply**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/31/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

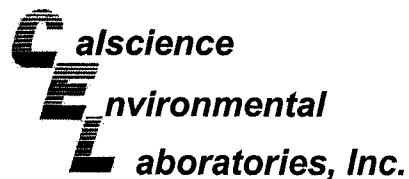
If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

A handwritten signature in black ink, appearing to read "S. Nowak".

Calscience Environmental
Laboratories, Inc.
Stephen Nowak
Project Manager

A handwritten signature in black ink, appearing to read "S. Nowak".



Analytical Report



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: 05/31/07
Work Order No: 07-05-2081
Preparation: EPA 3545
Method: EPA 8270C
Units: ug/smpl

Project: Markus Supply

Page 1 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
TANK 5 WIPE	07-05-2081-1	05/25/07	Solid	GC/MS MM	06/01/07	06/04/07	070601L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	50	1		Acenaphthylene	ND	25	1	
Aniline	ND	50	1		3-Nitroaniline	ND	50	1	
Phenol	ND	50	1		Acenaphthene	ND	25	1	
Bis(2-Chloroethyl) Ether	ND	50	1		2,4-Dinitrophenol	ND	50	1	
2-Chlorophenol	ND	50	1		4-Nitrophenol	ND	50	1	
1,3-Dichlorobenzene	ND	50	1		Dibenzofuran	ND	50	1	
1,4-Dichlorobenzene	ND	50	1		2,4-Dinitrotoluene	ND	25	1	
Benzyl Alcohol	ND	50	1		2,6-Dinitrotoluene	ND	50	1	
1,2-Dichlorobenzene	ND	50	1		Diethyl Phthalate	ND	50	1	
2-Methylphenol	ND	50	1		4-Chlorophenyl-Phenyl Ether	ND	50	1	
Bis(2-Chloroisopropyl) Ether	ND	50	1		Fluorene	ND	25	1	
3/4-Methylphenol	ND	50	1		4-Nitroaniline	ND	50	1	
N-Nitroso-di-n-propylamine	ND	50	1		Azobenzene	ND	50	1	
Hexachloroethane	ND	50	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Nitrobenzene	ND	50	1		N-Nitrosodiphenylamine	ND	50	1	
Isophorone	ND	50	1		4-Bromophenyl-Phenyl Ether	ND	50	1	
2-Nitrophenol	ND	50	1		Hexachlorobenzene	ND	25	1	
2,4-Dimethylphenol	ND	50	1		Pentachlorophenol	ND	50	1	
Benzoic Acid	ND	50	1		Phenanthrene	ND	25	1	
Bis(2-Chloroethoxy) Methane	ND	50	1		Anthracene	ND	25	1	
2,4-Dichlorophenol	ND	50	1		Di-n-Butyl Phthalate	ND	50	1	
1,2,4-Trichlorobenzene	ND	50	1		Fluoranthene	ND	25	1	
Naphthalene	ND	25	1		Benzidine	ND	50	1	
4-Chloroaniline	ND	50	1		Pyrene	ND	25	1	
Hexachloro-1,3-Butadiene	ND	50	1		Butyl Benzyl Phthalate	ND	50	1	
4-Chloro-3-Methylphenol	ND	50	1		3,3'-Dichlorobenzidine	ND	50	1	
2-Methylnaphthalene	ND	25	1		Benzo (a) Anthracene	ND	25	1	
1-Methylnaphthalene	ND	25	1		Bis(2-Ethylhexyl) Phthalate	ND	50	1	
Hexachlorocyclopentadiene	ND	50	1		Chrysene	ND	25	1	
2,4,6-Trichlorophenol	ND	50	1		Di-n-Octyl Phthalate	ND	50	1	
2,4,5-Trichlorophenol	ND	50	1		Benzo (a) Pyrene	ND	25	1	
2-Chloronaphthalene	ND	50	1		Benzo (g,h,i) Perylene	ND	25	1	
2-Nitroaniline	ND	50	1		Indeno (1,2,3-c,d) Pyrene	ND	25	1	
Dimethyl Phthalate	ND	50	1		Dibenz (a,h) Anthracene	ND	25	1	
Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual		
2-Fluorophenol	129	25-121	2	Phenol-d6	130	24-113	2		
Nitrobenzene-d5	109	23-120		2-Fluorobiphenyl	116	30-115	2		
2,4,6-Tribromophenol	101	19-122		p-Terphenyl-d14	137	18-137			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Analytical Report



Kiff Analytical
 2795 2nd Street, Suite 300
 Davis, CA 95616-6593

Date Received: 05/31/07
 Work Order No: 07-05-2081
 Preparation: EPA 3545
 Method: EPA 8270C
 Units: ug/smpl

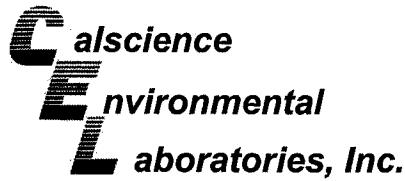
Project: Markus Supply

Page 2 of 2

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	096-02-006-23	N/A	Other	GC/MS MM	06/01/07	06/05/07	070601L01

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
N-Nitrosodimethylamine	ND	50	1		Acenaphthylene	ND	25	1	
Aniline	ND	50	1		3-Nitroaniline	ND	50	1	
Phenol	ND	50	1		Acenaphthene	ND	25	1	
Bis(2-Chloroethyl) Ether	ND	50	1		2,4-Dinitrophenol	ND	50	1	
2-Chlorophenol	ND	50	1		4-Nitrophenol	ND	50	1	
1,3-Dichlorobenzene	ND	50	1		Dibenzofuran	ND	50	1	
1,4-Dichlorobenzene	ND	50	1		2,4-Dinitrotoluene	ND	25	1	
Benzyl Alcohol	ND	50	1		2,6-Dinitrotoluene	ND	50	1	
1,2-Dichlorobenzene	ND	50	1		Diethyl Phthalate	ND	50	1	
2-Methylphenol	ND	50	1		4-Chlorophenyl-Phenyl Ether	ND	50	1	
Bis(2-Chloroisopropyl) Ether	ND	50	1		Fluorene	ND	25	1	
3/4-Methylphenol	ND	50	1		4-Nitroaniline	ND	50	1	
N-Nitroso-di-n-propylamine	ND	50	1		Azobenzene	ND	50	1	
Hexachloroethane	ND	50	1		4,6-Dinitro-2-Methylphenol	ND	50	1	
Nitrobenzene	ND	50	1		N-Nitrosodiphenylamine	ND	50	1	
Isophorone	ND	50	1		4-Bromophenyl-Phenyl Ether	ND	50	1	
2-Nitrophenol	ND	50	1		Hexachlorobenzene	ND	25	1	
2,4-Dimethylphenol	ND	50	1		Pentachlorophenol	ND	50	1	
Benzoic Acid	ND	50	1		Phenanthrene	ND	25	1	
Bis(2-Chloroethoxy) Methane	ND	50	1		Anthracene	ND	25	1	
2,4-Dichlorophenol	ND	50	1		Di-n-Butyl Phthalate	ND	50	1	
1,2,4-Trichlorobenzene	ND	50	1		Fluoranthene	ND	25	1	
Naphthalene	ND	25	1		Benzidine	ND	50	1	
4-Chloroaniline	ND	50	1		Pyrene	ND	25	1	
Hexachloro-1,3-Butadiene	ND	50	1		Butyl Benzyl Phthalate	ND	50	1	
4-Chloro-3-Methylphenol	ND	50	1		3,3'-Dichlorobenzidine	ND	50	1	
2-Methylnaphthalene	ND	25	1		Benzo (a) Anthracene	ND	25	1	
1-Methylnaphthalene	ND	25	1		Bis(2-Ethylhexyl) Phthalate	ND	50	1	
Hexachlorocyclopentadiene	ND	50	1		Chrysene	ND	25	1	
2,4,6-Trichlorophenol	ND	50	1		Di-n-Octyl Phthalate	ND	50	1	
2,4,5-Trichlorophenol	ND	50	1		Benzo (a) Pyrene	ND	25	1	
2-Chloronaphthalene	ND	50	1		Benzo (g,h,i) Perylene	ND	25	1	
2-Nitroaniline	ND	50	1		Indeno (1,2,3-c,d) Pyrene	ND	25	1	
Dimethyl Phthalate	ND	50	1		Dibenz (a,h) Anthracene	ND	25	1	
Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual		
2-Fluorophenol	85	25-121		Phenol-d6	88	24-113			
Nitrobenzene-d5	79	23-120		2-Fluorobiphenyl	80	30-115			
2,4,6-Tribromophenol	81	19-122		p-Terphenyl-d14	85	18-137			

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers



Quality Control - LCS/LCS Duplicate



Kiff Analytical
2795 2nd Street, Suite 300
Davis, CA 95616-6593

Date Received: N/A
Work Order No: 07-05-2081
Preparation: EPA 3545
Method: EPA 8270C

Project: Markus Supply

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
096-02-006-23	Other	GC/MS MM	06/01/07	06/04/07	070601L01

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Phenol	106	107	20-120	1	0-42	
2-Chlorophenol	101	103	23-134	2	0-40	
1,4-Dichlorobenzene	110	108	20-124	2	0-28	
N-Nitroso-di-n-propylamine	102	104	0-230	2	0-38	
1,2,4-Trichlorobenzene	107	108	44-142	0	0-28	
Acenaphthene	110	107	47-145	3	0-31	
2,4-Dinitrotoluene	94	101	39-139	7	0-38	

RPD - Relative Percent Difference , CL - Control Limit

7440 Lincoln Way, Garden Grove, CA 92841-1427 • TEL:(714) 895-5494 • FAX: (714) 894-7501

Work Order Number: 07-05-2081

<u>Qualifier</u>	<u>Definition</u>
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.



2795 Second Street, Suite 300
 Davis, CA 95616
 Lab: 530.297.4800
 Fax: 530.297.4808

Cal Science Environmental
 7440 Lincoln Way
 Garden Grove, CA 92841
 714-895-5494

Lab No. **2081**

Page 1 of 1

Project Contact (Hardcopy or PDF to): **Troy Turpen**
 Company/Address: **Kiff Analytical**
 Phone No.: _____ FAX No.: _____
 Project Number: **5B001D** P.O. No.: **56712**
 Project Name: **MARKUS SUPPLY**
 Project Address: _____

EDF Report? Yes No

Chain-of-Custody Record and Analysis Request

Recommended but not mandatory to complete this section:
 Sampling Company Log Code: _____
 Global ID: _____
 EDF Deliverable to (Email Address): _____
 E-mail address: **inbox@kiffanalytical.com**

Analysis Request

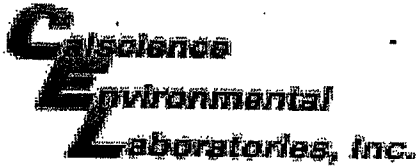
Date due:

Sample Designation	Sampling		Container					Preservative				Matrix				SVOCS (EPA 8270C)									Date due:	For Lab Use Only			
	Date	Time	VOA	Poly	Sleeve	Amber	Glass Jar	HNO ₃	H ₂ SO ₄	Na ₂ S ₂ O ₃	ZnAc ₂ & NaOH	NONE	WATER	SOIL	SOLID*														
TANK 5 WIPE	05/25/07						1					1						X									X		

Relinquished by:	Date: 05/30/07	Time: 1900	Received by:
Relinquished by:	Date:	Time:	Received by:
Relinquished by: CO	Date: 5-31-07	Time: 0830	Received by Laboratory: Wobach CE

Remarks: ***Wipe sample.**

Bill to: **Accounts Payable**



WORK ORDER #: 07 - 05 - 2081

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: KIFF ANALYTICAL

DATE: 5-31-07

TEMPERATURE - SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

- Chilled, cooler with temperature blank provided.
Chilled, cooler without temperature blank.
Chilled and placed in cooler with wet ice.
Ambient and placed in cooler with wet ice.
Ambient temperature.
°C Temperature blank.

LABORATORY (Other than Calscience Courier):

- 2.7 °C Temperature blank.
°C IR thermometer.
Ambient temperature.

Initial: WB

CUSTODY SEAL INTACT:

Sample(s): Cooler: / No (Not Intact): Not Present:

Initial: WB

SAMPLE CONDITION:

Table with 4 columns: Description, Yes, No, N/A. Rows include Chain-Of-Custody document(s), Sampler's name, Sample container label(s), Sample container(s) intact, Correct containers and volume, Proper preservation, VOA vial(s) free of headspace, Tedlar bag(s) free of condensation.

Initial: WB

COMMENTS:

Blank lines for handwritten comments.

ATTACHMENT F



HANSON AGGREGATES MID-PACIFIC, INC.
 3000 BUSCH ROAD
 PLEASANTON, CALIFORNIA 94566

00028752

Load No. 3	Yards To Job 27.00yd
On Job Time 12:17	Ordered Quantity 45.00yd
Trucks Loaded For Job ORDER:205 TRK 31	

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.

Seller makes no warranty of any kind, express or implied, regarding the material; and all warranties, including any implied warranty of merchantability or of fitness for a particular purpose, are hereby excluded.

The Material is sold by the cubic yard, cubic meter, ton or load. Customer acknowledges that the amount of Material ordered has been determined by the Customer, and Customer assumes full responsibility, and shall hold Seller harmless, regarding the adequacy of the amount of Material ordered.

Ticket No.	9701499
Date	05/02
Plant	97
Load Size	9.00
Slump	8.00

BATCHING LOCATIONS

Plant 95 - Berkeley
 B/ORM Co.
 699 Virginia Street
 Berkeley, CA 94710
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Plant 96 - Sunol
 MVRM Co.
 7999 Athenour Way
 Sunol, CA 94586
 Dispatch Phone 925-862-2236
 Office Phone 925-862-2257

Plant 97 - Oakland
 B/ORM Co.
 401 Embarcadero
 Oakland, CA 94606
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Special Instructions:

OFF MARTIN LUTHER KING JR

Customer Name DAN ALTWARD	Customer No. 3972112	Project No.
Job Address 638 2ND ST, OAKLAND	Customer P.O. No. DAN	

Truck No. 0028	Driver's Name Sealy, Darren	Rev. Start	Rev. Stop	Map Page 649 F4
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Batch Time 13:04	Leave Plant 11:50	Arrive Job 12:00	Start Pour	Finish Pour	Leave Job	Arrive Plant
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Product	Load Quantity	Unit of Measure	Description	Cumulative Total	Unit Price	Amount
150AC2EAD1	9.00	yd	5.0 sbs Grout Mix	1500 27.00yd	130.00	1170.00
LOAD SIZE	9.00yd		SLUMP		8.00	

HANSON AGGREGATES MID-PACIFIC, INC. Weighmaster R.P. NESTER Deputy	Gallons of Water Added on Job		Subtotal	1170.00
	Water Added On Job	Authorized By	Sales Tax	102.38
	Water added at customer's request above water/cementitious ratio and/or slump will be customer's responsibility. CAUTION Contains Portland Cement. May irritate eyes and skin. In case of contact, flush thoroughly with water. Get prompt medical attention. DO NOT take internally. Keep out of reach of children. Buyer/Contractor is responsible for providing a contained area to wash out mixer truck. Concrete is a perishable commodity and becomes the property of the purchaser upon leaving the plant. Any changes or cancellation of original instructions must be telephoned to the office before loading starts. NOT RESPONSIBLE FOR REACTIVE AGGREGATE OR COLOR QUALITY. No claim allowed unless made at time material is delivered. *Note: Unloading time five (5) minutes per yard. Excess time charged at current hourly truck rate.		Total	1272.38
	Received By		Standing Time	
No one available to sign, customer waives receipt signature. (First delivery ticket Buyer/Contractor Signature release must be signed.) <input type="checkbox"/>			This Ticket's Grand Total	

See Back for Terms and Conditions

Total \$ All Loads 3817.14

MATERIAL	DESIGN QTY	REQUIRED	BATCHED	WABSF	WMOISTURE	ACTUAL WATER
FEAGRAVEL	700 lb	8100 lb	8080			
OSQWAI	2171 lb	20711 lb	20720			
CEMENT	470.0 lb	4280.0 lb	4210.0	6.00% M		140.54 g1
NRWRC494	14.10 oz	126.90 oz	127.00			
HRWRC494	28.20 oz	253.80 oz	250.00			
WATER	333.2 lb	1664.5 lb	1680.0			201.32 g1
NON-SIMULATED NUM BATCHES: 1						
LOAD TOTAL: 34715 lb WATER/CEMENT: 0.712% DESIGN WATER: 359.3 g1 ACTUAL WATER: 341.9 g1 TO ADD: 17.5 g1						
SLUMP: 8.00 " ADJUST WATER: 0.0 g1 /load						



HANSON AGGREGATES MID-PACIFIC, INC.
 3000 BUSCH ROAD
 PLEASANTON, CALIFORNIA 94566

00023750

Load No. 2	Yards To Job 18.00yd
On Job Time 12:04	Ordered Quantity 72.00yd
Trucks Loaded For Job ORDER: 205 TRK 28	

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.

Seller makes no warranty of any kind, express or implied, regarding the material; and all warranties, including any implied warranty of merchantability or of fitness for a particular purpose, are hereby excluded. The Material is sold by the cubic yard, cubic meter, ton or load. Customer acknowledges that the amount of Material ordered has been determined by the Customer, and Customer assumes full responsibility, and shall hold Seller harmless, regarding the adequacy of the amount of Material ordered.

Ticket No.	970149
Date	05/02
Plant	97
Load Size	9.00
Slump	8.00

BATCHING LOCATIONS

Plant 95 - Berkeley
 B/ORM Co.
 699 Virginia Street
 Berkeley, CA 94710
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Plant 96 - Sunol
 MVRM Co.
 7999 Athenour Way
 Sunol, CA 94586
 Dispatch Phone 925-862-2236
 Office Phone 925-862-2257

Plant 97 - Oakland
 B/ORM Co.
 401 Embarcadero
 Oakland, CA 94606
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Special Instructions:

OFF MARTIN LUTHER KING JR

Customer Name DAN ALTWARD	Customer No. 3972112	Project No.
Job Address 638 2ND ST, OAKLAND		Customer P.O. No. DAN

Truck No. 0031	Driver's Name WILSON	Rev. Start	Rev. Stop	Map Page 649 F4		
Batch Time 11:33	Leave Plant 11:45	Arrive Job 12:15	Start Pour	Finish Pour	Leave Job	Arrive Plant

Product	Load Quantity	Unit of Measure	Description	Cumulative Total	Unit Price	Amount
150AC2EAD1	9.00	yd	Delayed Due to Train 5.0 sbs Grout Mix	1500 18.00yd	130.00	1170.00
LOAD SIZE 9.00yd SLUMP 8.00						

HANSON AGGREGATES MID-PACIFIC, INC. Weighmaster R.F. NESTER Deputy	Gallons of Water Added on Job Water Added on Job _____ Authorized By _____ _____ GALS X	Subtotal 1170.00 Sales Tax 102.38 Total 1272.38 Standing Time _____ This Ticket's Grand Total
	Water added at customer's request above water/cementitious ratio and/or slump will be customer's responsibility. CAUTION Contains Portland Cement. May irritate eyes and skin. In case of contact, flush thoroughly with water. Get prompt medical attention. DO NOT take internally. Keep out of reach of children. Buyer/Contractor is responsible for providing a contained area to wash out mixer truck. Concrete is a perishable commodity and becomes the property of the purchaser upon leaving the plant. Any changes or cancellation of original instructions must be telephoned to the office before loading starts. NOT RESPONSIBLE FOR REACTIVE AGGREGATE OR COLOR QUALITY. No claim allowed unless made at time material is delivered. *Note: Unloading time five (5) minutes per yard. Excess time charged at current hourly truck rate.	Received By _____ <input checked="" type="checkbox"/>

Total \$ All Loads 2544.70

MATERIAL	DESIGN QTY	REQUIRED	BATCHED	%BSP	%MOISTURE	ACTUAL WATER
FEAGRAVEL	900 lb	8100 lb	8080			
OSCAI	2171 lb	20711 lb	20640			
CEMENTE	470.0 lb	4230.0 lb	4210.0 *		6.00% M	140.00 gl
NRWRC494	14.10 oz	125.90 oz	127.00			
HRWRC494	28.20 oz	253.80 oz	250.00			
WATER	333.2 lb	1664.5 lb	1660.0			198.92 gl
NON-SIMULATED NUM BATCHES: 1						
LOAD TOTAL: 34615 lb WATER/CEMENT: 0.7121 DESIGN WATER: 359.3 gl ACTUAL WATER: 338.9 gl TO ADD: 20.4 gl						
SLUMP: 8.00" ADJUST WATER: 0.0 gl /load						



HANSON AGGREGATES MID-PACIFIC, INC.
 3000 BUSCH ROAD
 PLEASANTON, CALIFORNIA 94566

00724318

Load No. 1	Yards To Job 9.00yd
On Job Time 11:00	Ordered Quantity 72.00yd
Trucks Loaded For Job ORDER: 205 TRK	

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.

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The Material is sold by the cubic yard, cubic meter, ton or load. Customer acknowledges that the amount of Material ordered has been determined by the Customer, and Customer assumes full responsibility, and shall hold Seller harmless, regarding the adequacy of the amount of Material ordered.

Ticket No.	950128
Date	05/02
Plant	95
Load Size	9.00yd
Slump	8.00

BATCHING LOCATIONS

Plant 95 - Berkeley
 B/ORM Co.
 699 Virginia Street
 Berkeley, CA 94710
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Plant 96 - Sunol
 MVRM Co.
 7999 Athenour Way
 Sunol, CA 94586
 Dispatch Phone 925-862-2236
 Office Phone 925-862-2257

Plant 97 - Oakland
 B/ORM Co.
 401 Embarcadero
 Oakland, CA 94606
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Special Instructions:

OFF MARTIN LUTHER KING JR

Customer Name DAN, ALTHARD	Customer No. 3972112	Project No.
Job Address 638 2ND ST, OAKLAND		Customer P.O. No. DAN

Truck No. 0029	Driver's Name Sealy, Darren	Rev. Start	Rev. Stop	Map Page 649 F4
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Batch Time 11:14	Leave Plant 11:30	Arrive Job 12:00	Start Pour	Finish Pour	Leave Job	Arrive Plant
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Product	Load Quantity	Unit of Measure	Description	Cumulative Total	Unit Price	Amount
150AC2EAD1	9.00	yd	5.0 ska 1500 psi	9.00 yd	130.00	1170.00
Hanson						
LOAD SIZE		9.00yd	SLUMP	8.00		

HANSON AGGREGATES MID-PACIFIC, INC. Weighmaster R.D. Stage Deputy X No one available to sign, customer waives receipt signature. (First delivery ticket Buyer/Contractor Signature release must be signed.)	Gallons of Water Added on Job		Subtotal	1170.00
	Water Added On Job	Authorized By	Sales Tax	102.38
	Water added at customer's request above water/cementitious ratio and/or slump will be customer's responsibility. CAUTION Contains Portland Cement. May irritate eyes and skin. In case of contact, flush thoroughly with water. Get prompt medical attention. DO NOT take internally. Keep out of reach of children. Buyer/Contractor is responsible for providing a contained area to wash out mixer truck. Concrete is a perishable commodity and becomes the property of the purchaser upon leaving the plant. Any changes or cancellation of original instructions must be telephoned to the office before loading starts. NOT RESPONSIBLE FOR REACTIVE AGGREGATE OR COLOR QUALITY. No claim allowed unless made at time material is delivered. *Note: Unloading time five (5) minutes per yard. Excess time charged at current hourly truck rate.		Total	1272.38
	Received By		Standing Time	
See Back for Terms and Conditions			This Ticket's Grand Total	

See Back for Terms and Conditions

Total \$ All Loads 1272.38

MATERIAL	DESIGN QTY	REQUIRED	BATCHED	%MOISTURE	ACTUAL WAT
FEAGRAVEL	900 lb	8323 lb	8250	2.750% M	26.46 gl
OSCWAI	2171 lb	21016 lb	21010	7.580% M	176.96 gl
CEMENT2	470.0 lb	4230.0 lb	4250.0		
NRWRC494	14.10 oz	126.90 oz	127.00		
HRWRC494	28.20 oz	253.80 oz	254.00		
WATER	40.0 gl	156.3 gl	157.0		157.00 gl

NON-SIMULATED NUM BATCHES: 1
 LOAD TOTAL: 34845 lb DESIGN W/C: 0.710 WATER/CEMENT: 0.708A DESIGN WATER: 360.0 gl ACTUAL WATER: 350.4 gl TO ADD: 0.0 gl
 SLUMP: 8.00 " ADJUST WATER: 0.0 gl /load

RELOAD IN OAKLAND



HANSON AGGREGATES MID-PACIFIC, INC.
 3000 BUSCH ROAD
 PLEASANTON, CALIFORNIA 94566

00028760

Load No. 0	Yards To Job 36.00yd
On Job Time	Ordered Quantity 45.00yd
Trucks Loaded For Job ORDER: 2 TRK	

WEIGHMASTER CERTIFICATE

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Ticket No.	
Date	05/02
Plant	97
Load Size	9.0
Slump	8.0

BATCHING LOCATIONS

Plant 95 - Berkeley B/ORM Co. 699 Virginia Street Berkeley, CA 94710 Dispatch Phone 510-526-9022 Office Phone 510-526-1611	Plant 96 - Sunol MVRM Co. 7999 Athenour Way Sunol, CA 94586 Dispatch Phone 925-862-2236 Office Phone 925-862-2257	Plant 97 - Oakland B/ORM Co. 401 Embarcadero Oakland, CA 94606 Dispatch Phone 510-526-9022 Office Phone 510-526-1611
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Special Instructions:
OAKLAND

Customer Name CASH SALES	Customer No. 09991	Project No. 1
Job Address 638 2ND STREET		Customer P.O. No.

Truck No. 36	Driver's Name STEVE	Rev. Start	Rev. Stop	Map Page CASH SALES
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Batch Time 14:36	Leave Plant 250	Arrive Job 300	Start Pour 305	Finish Pour	Leave Job	Arrive Plant
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Product	Load Quantity	Unit of Measure	Description	Cumulative Total	Unit Price	Amount
150AC2EAD1	9.00	yd	5.0 #ks 1500 psi	36.00yd		
LOAD SIZE	9.00yd		SLUMP		8.00	

HANSON AGGREGATES MID-PACIFIC, INC. Weighmaster R.P. NESTER Deputy X	Gallons of Water Added on Job Water Added On Job _____ Authorized By _____ _____ GALS X	Subtotal
	Water added at customer's request above water/cementitious ratio and/or slump will be customer's responsibility. CAUTION Contains Portland Cement. May irritate eyes and skin. In case of contact, flush thoroughly with water. Get prompt medical attention. DO NOT take internally. Keep out of reach of children. Buyer/Contractor is responsible for providing a contained area to wash out mixer truck. Concrete is a perishable commodity and becomes the property of the purchaser upon leaving the plant. Any changes or cancellation of original instructions must be telephoned to the office before loading starts. NOT RESPONSIBLE FOR REACTIVE AGGREGATE OR COLOR QUALITY. No claim allowed unless made at time material is delivered. *Note: Unloading time five (5) minutes per yard. Excess time charged at current hourly truck rate.	Sales Tax
	Received By _____ X	Total
	No one available to sign, customer waives receipt signature. (First delivery ticket Buyer/Contractor Signature release must be signed.) <input checked="" type="checkbox"/>	Standing Time
		This Ticket's Grand Total

See Back for Terms and Conditions

MATERIAL	DESIGN QTY	REQUIRED	BATCHED	%BSF	%MOISTURE	ACTUAL WATER
PEAGRAVEL	900 lb	8100 lb	8080			
OSCWAI	2171 lb	20946 lb	20920			
CEMENT	470.0 lb	4290.0 lb	4210.0 *	7.20% M		168.37 gl
NRWRC494	14.10 oz	126.90 oz	127.00			
HRWRC494	28.20 oz	253.80 oz	250.00			
WATER	339.2 lb	1268.0 lb	1260.0			150.99 gl
NON-SIMULATED NUM BATCHES: 1						
LOAD TOTAL: 34495 lb WATER/CEMENT: 0.7121 DESIGN WATER: 354.3 gl ACTUAL WATER: 319.4 gl TO ADD: 40.0 gl						
SLUMP: 8.00 " ADJUST WATER: 0.0 gl /load						



HANSON AGGREGATES MID-PACIFIC, INC.
 3000 BUSCH ROAD
 PLEASANTON, CALIFORNIA 94566

00023762

Load No. 5	Yards To Job 45.00yd
On Job Time 15:42	Ordered Quantity 45.00yd
Trucks Loaded For Job ORDER: 205 TRK 36	

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.

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The Material is sold by the cubic yard, cubic meter, ton or load. Customer acknowledges that the amount of Material ordered has been determined by the Customer, and Customer assumes full responsibility, and shall hold Seller harmless, regarding the adequacy of the amount of Material ordered.

Ticket No.	9701497
Date	05/02
Plant	97
Load Size	9.00
Slump	8.00

BATCHING LOCATIONS

Plant 95 - Berkeley
 B/ORM Co.
 699 Virginia Street
 Berkeley, CA 94710
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Plant 96 - Sunol
 MVRM Co.
 7999 Athenour Way
 Sunol, CA 94586
 Dispatch Phone 925-862-2236
 Office Phone 925-862-2257

Plant 97 - Oakland
 B/ORM Co.
 401 Embarcadero
 Oakland, CA 94606
 Dispatch Phone 510-526-9022
 Office Phone 510-526-1611

Special Instructions:

OFF MARTIN LUTHER KING JR

Customer Name DAN ALTWARD	Customer No. 3972112	Project No.
Job Address 638 2ND ST, OAKLAND		Customer P.O. No. DAN

Truck No. 0024	Driver's Name DAN ROLL	Rev. Start	Rev. Stop	Map Page 649 F4
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Batch Time 15:06	Leave Plant 3:15	Arrive Job 3:20	Start Pour	Finish Pour	Leave Job	Arrive Plant
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Product	Load Quantity	Unit of Measure	Description	Cumulative Total	Unit Price	Amount
150AC2EAD1	9.00	yd	5.0 sbs Grout Mix	1500 45.00yd	130.00	1170.00
HOLD						
LOAD SIZE	9.00yd		SLUMP	8.00		

HANSON AGGREGATES MID-PACIFIC, INC. Weighmaster R.F. NESTER Deputy	Gallons of Water Added on Job		Subtotal	1170.00
	Water Added On Job	Authorized By	Sales Tax	102.38
	GALS X		Total	1272.38
	Water added at customer's request above water/cementitious ratio and/or slump will be customer's responsibility. CAUTION Contains Portland Cement. May irritate eyes and skin. In case of contact, flush thoroughly with water. Get prompt medical attention. DO NOT take internally. Keep out of reach of children. Buyer/Contractor is responsible for providing a contained area to wash out mixer truck. Concrete is a perishable commodity and becomes the property of the purchaser upon leaving the plant. Any changes or cancellation of original instructions must be telephoned to the office before loading starts. NOT RESPONSIBLE FOR REACTIVE AGGREGATE OR COLOR QUALITY. No claim allowed unless made at time material is delivered. *Note: Unloading time five (5) minutes per yard. Excess time charged at current hourly truck rate.		Standing Time	
No one available to sign, customer waives receipt signature. (First delivery ticket Buyer/Contractor Signature release must be signed.) <input type="checkbox"/>		Received By	This Ticket's Grand Total	

See Back for Terms and Conditions

Total \$ All Loads 6361.97

MATERIAL	DESIGN QTY	REQUIRED	BATCHED	%BSP	%MOISTURE	ACTUAL WATER
PEAGRAVEL	900 lb	8100 lb	8080			
OSCWAI	2171 lb	20946 lb	20840			
CEMENTE	470.0 lb	4280.0 lb	4190.0		7.20% M	167.79 g/l
NRWRC494	14.10 oz	126.90 oz	127.00			
HRWRC494	28.20 oz	253.80 oz	250.00			
WATER	333.2 lb	1394.0 lb	1390.0			166.57 g/l

NON-SIMULATED NUM BATCHES: 1
 LOAD TOTAL: 34525 lb WATER/CEMENT: 0.7167 DESIGN WATER: 359.3 g/l ACTUAL WATER: 334.3 g/l TO ADD: 25.0 g/l
 SLUMP: 8.00 " ADJUST WATER: 0.0 g/l /load



AWAI KEDI MIA, INC. UNKUKAILED
 Pl #1 401 Kennedy Street, Oakland A 94606-5321 • (510) 536-1900
 Pl #2 30100 Union City Blvd., Union City, CA 94587-1512 • (510) 489-0515
 Pl #3 5501 Imhoff Drive, Martinez, CA 94553-4391 • (925) 682-1700
 Pl #4 501 El Charro Road, Pleasanton, CA 94588-9617 • (925) 443-2300
 Business Office: 725 Julie Ann Way, Oakland, CA 94621-4037 • (510) 632-0602

TICKET #
109270

TERMS AND CONDITIONS

By accepting delivery buyer agrees to the following terms:
ALL ORDERS ARE FOR STREET CURB DELIVERY; buyer will assume all responsibility for any damage where delivery is made inside the curb;
 A clean out area must be provided and buyer assumes responsibility for cleaning street;
 All charge balances due by the 10th day of the month following date of purchase;
 A service charge of 1-1 1/2% per month will be charged on all past due balances;
 Quoted rate valid only if account payments remain current;
 All COD orders cash only unless prior verification of check; there is a \$25.00 service charge on all returned checks;
NOTICE TO PROPERTY OWNER: DO NOT rely upon this invoice as proof of payment; Please read mechanic's lien law notice on back of invoice; Reasonable attorney fees to be allowed in the event of any legal proceeding arising out of a breach of this agreement.

CAUTION

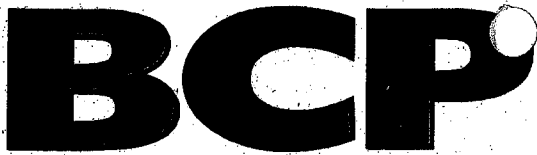
May cause eye or skin injury. Contains portland cement. Freshly mixed cement, mortar, concrete, or grout may cause skin injury.
TAKE THESE PRECAUTIONS:
 1. Avoid all contact with eyes.
 2. Wear rubber boots and gloves, and avoid prolonged contact directly with skin or through porous materials.
 3. In case of contact with skin or eyes. FLUSH THOROUGHLY WITH WATER.
 4. If irritation persists, get medical attention promptly.
 5. Keep children away.
 6. **WARNING: THIS PRODUCT CONTAINS ONE OR MORE CHEMICALS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.**

Received by *[Signature]*
 Print name _____
 Driver License # _____

CUSTOMER ID WJ01234	PO NUMBER 109270	TERMS NET 30	JOB NUMBER 11153411	DATE 11-15-90	BATCH TIME 11:15:34AM	TICKET 109270
SOLD TO ALVARO, DAN			DELIVER TO 638 SECOND ST. OAKLAND OAKLAND		WATER ADDED: GALLONS	
QUANTITY ORDERED	QUANTITY DELIVERED	PRODUCT CODE	PRODUCT DESCRIPTION	UNIT OF MEASURE	UNIT PRICE	EXTENDED PRICE
1.00	1.00	240	45K SAND SLURRY	CY	126.00	126.00
1.00	1.00	376	FUEL SURCHARGE	LD	12.00	12.00
1.00	1.00	379	ENVIRONMENTAL CH	LD	15.00	15.00
TRUCK 57	DRIVER JIM H.	PLANT	STAND-BY CONDITIONS: 4 MINUTES PER YARD; \$2.00 PER MINUTE IN EXCESS.	INITIAL	TAX	101.58
ARRIVE JOB 12:15	STAND-BY START 1:20	START POUR 1:20	TOTAL MINUTES TIME ADJUDGED	ARRIVE PLANT	SUB TOTAL	1262.58
SPECIAL INSTRUCTIONS X MARTIN LUTHER KING/DOWN PUMP			FINISH POUR LEFT JOB		STAND-BY TIME	0
			WE HAVE 5000 AUTH # 1034140		TOTAL	

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.

By *[Signature]* Weighed at Oakland
 Deputy Weighmaster



BERKELEY CONCRETE PUMPING

JOB TICKET

JOB DATE 5/2/2007

CUSTOMER	COD2007	JOB NAME	Sea Galley	ON JOB	
JOB LOC	638 Second St	JOB		START TIME	11:00 AM
CITY/STATE	Oakland CA	P.O. #	0	EST YRDS	0
BLDG/LOT		JOB PHONE	(510) 772-7625	SIZE REQ	TP
CROSS STR	Martin Luther King	POUR TYPE		SIZE SENT	TP
MAP PG	649F-4	RMX CO	No Supplier,		
EXTRA SYS	25ft 2in Rag Hose & Adapter & 25ft 2in Hose & 25ft 2.5 in Hose				
SPECIAL	Brick Build				

OPERATOR NAME

DESCRIPTION

Bower Joe

Operator

Unit: 31	TIME	MILEAGE	HOURS
YARD Berkeley	LEFT YARD 9:15	TRUCK MI	
PRIMER	ARRIVE JOB 10:30	PUMP MI	PUMP HRS
RADIOS	READY 10:45	HYDRAULIC	FUEL
JOB SUPER	START PUMP 12:00	YARDS 30	
	FINISH PUMP 4:20	TRUCK MI	PUMP HRS
	LEAVE JOB	PUMP MI	SERVICE
	RETURN YARD		

COMMENTS

SYSTEM ON JOB

The undersigned has read the TERMS AND CONDITIONS ON THE BACK and agrees to its contents.

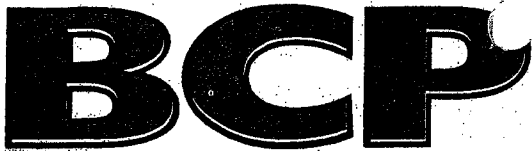
Authorized by: M. RYDER SMITH PLEASE PRINT

Authorized by: [Signature] PLEASE SIGN

Dispatch: 800-675-8123 / Office: 510-525-4111 / Fax: 510-527-8441 / www.bcp1.com

Berkeley Yard & Corporate Office: 1200 Sixth Street, Berkeley, CA 94710

San Jose Yard: 1617 Almaden Road, San Jose, CA 95125



BERKELEY CONCRETE PUMPING

JOB TICKET

COD

JOB DATE 5/25/200

CUSTOMER COD2007
JOB LOC 638 Second St
CITY/STATE Oakland CA
BLDG/LOT
CROSS STR Martin Luther King
MAP PG 649F-4
EXTRA SYS 25ft 2in Rag
SPECIAL Brick Build

JOB NAME Sea Galley
JOB
P.O. # 0
JOB PHONE (510) 772-7625
POUR TYPE
RMX CO No Supplier,

ON JOB
START TIME 12:00 PM
EST YRDS 0
SIZE REQ TP
SIZE SENT TP

OPERATOR NAME

DESCRIPTION

Bower Joe

Operator

Table with 4 columns: Unit 31, TIME, MILEAGE, HOURS

Table with columns: YARD, PRIMER, RADIOS, JOB SUPER, LEFT YARD, ARRIVE JOB, READY, START PUMP, FINISH PUMP, LEAVE JOB, RETURN YARD, TRUCK MI, PUMP MI, HYDRAULIC, YARDS, FUEL, PUMP HRS, SERVICE

COMMENTS (1) Swimming Pool

SYSTEM ON JOB

The undersigned has read the TERMS AND CONDITIONS ON THE BACK and agrees to its contents.

Authorized by: PLEASE PRINT

Authorized by: [Signature] PLEASE SIGN