

20 October 2006
Project 4068.01

Leroy Griffin
Program Manager
City of Oakland Fire Services Agency
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, California 94612

Subject: Underground Storage Tank Removal
3,000-gallon Diesel Tank
Former Red Star Yeast Facility
1396 Fifth Street
Oakland, California

Dear Mr. Griffin:

This letter describes and documents the removal of an 3,000-gallon diesel underground storage tank at the Former Red Star Yeast Facility at 1396 Fifth Street in Oakland (Site) (Figures 1 and 2). The Site is north of Fifth Street between Cypress Street (Mandela Parkway) and Kirkham Street as shown on Figure 1. It is trapezoidal in shape and encompasses approximately 0.9 acres. The site is currently vacant, surrounded by a fence and is essentially level. It was once occupied by the Red Star Yeast Company, but all buildings and appurtenant structures have been removed. It is not known when the 3,000-gallon diesel tank was installed or closed-in-place with a concrete slurry.

This work was performed in September and October 2006 by Accutite Environmental of South San Francisco, a licensed remediation contractor, who removed and disposed of the tank. Treadwell & Rollo was retained to observe the removal activities, collect and analyze soil and groundwater samples, evaluate the analytical results, consult with the client and contractor, and prepare this report documenting the activities.

FIELD ACTIVITIES

The tank removal and associated activities were initiated on 24 September 2006 and completed on 4 October 2006. The work consisted of:

- excavating the soil surrounding the tank;
- cutting the tank and removing the concrete slurry within the tank;
- removing, inspecting, and disposing of the tank;

Leroy Griffin
City of Oakland Fire Services Agency
20 October 2006
Page 2

- collecting and analyzing soil, groundwater, and concrete fill samples; and
- backfilling the excavation with a sand, gravel, and cement mixture.

Before starting, an underground storage tank closure plan approval was obtained from the City of Oakland Fire Prevention Bureau. A copy of the permit is presented in Appendix A.

Tank Removal

Because the tank was filled with concrete slurry, the 3,000-gallon diesel underground storage tank was removed and visually inspected. Leroy Griffin, Program Manager for the City of Oakland Fire Services Agency, was present during the tank removal activities.

The tank consisted of single-wall steel construction and measured approximately 13 feet in length and 6.5 feet in diameter. The tank appeared to be in good condition with no visible evidence of any through-going pitting or containment failures. Photographs of the tank are presented on Photographs 1 through 3 (Appendix B). During removal of the tank, the concrete slurry material was removed from the tank. The tank was loaded onto a truck and transported to Ecology Control Industries (ECI), a certified tank destruction facility in Richmond, California. A copy of the hazardous waste manifest is provided in Appendix C.

The soil surrounding the tank excavation consisted of dense clayey sand material. Groundwater was encountered in the excavation at a depth of approximately four feet below ground surface (bgs).

Apparent staining due to hydrocarbon contamination was encountered at the north end of the tank at the location of fill piping. Approximately 20 cubic yards of soil was excavated and placed on visqueen. A petroleum hydrocarbon sheen was observed on the groundwater surface within the excavation pit. Approximately 6,300 gallons of groundwater were pumped from the excavation pit in order to remove the potentially contaminated groundwater. The removed groundwater was pumped into a tanker truck by NRC Environmental Services and disposed of at Evergreen Oil, Inc. in Newark, California. A copy of the hazardous waste manifest is provided in Appendix B.

Soil and Groundwater Sample Collection

On 26 September 2006, Treadwell & Rollo collected soil samples from the tank excavation. At the request of Mr. Griffin, one soil sample, ST-1, was collected from the east sidewall of the tank at the soil-water interface. The soil sample was collected by excavating a small quantity of soil and driving a two-inch-diameter stainless steel tube into the soil. The ends of the sample tube was covered with Teflon and plastic caps. The soil sample was placed in an ice-cooled chest until delivery to a certified laboratory under chain-of-custody procedures.

Leroy Griffin
City of Oakland Fire Services Agency
20 October 2006
Page 3

During the removal of the tank, concrete slurry material was removed from the tank and a sample of the material, TM-1, was collected for laboratory analyses. The concrete slurry sample was collected by driving a two-inch-diameter stainless steel tube into the concrete slurry material. The ends of the sample tube was covered with Teflon and plastic caps. The soil sample was placed in an ice-cooled chest until delivery to a certified laboratory under chain-of-custody procedures.

After the removal of 6,300-gallons of groundwater, the groundwater was allowed to recharge within the excavation pit prior to the collection and analysis of a groundwater sample. On 4 October 2006, a groundwater sample (GRAB) was collected from the open excavation. The groundwater sample was collected in sample containers prepared and provided by a state-certified contracted analytical laboratory in accordance with standard laboratory procedures for the requested analyses. The samples were labeled and placed in an ice-cooled chest for delivery to the analytical laboratory using chain-of-custody procedures.

ANALYTICAL TESTING

The soil, groundwater, and concrete slurry samples were delivered to McCampbell Analytical, Inc., a California Department of Health Services certified analytical laboratory in Pittsburg, California. The constituents for which these samples were analyzed were consistent with the recommendations contained in the "Tri-Regional Board Staff Recommendations for Preliminary Evaluation and Investigation of Underground Tank Sites" published by the San Francisco Bay Region of the California State Water Resources Control Board (10 August 1990). The samples were analyzed for:

- total petroleum hydrocarbons (TPH) quantified as gasoline and as diesel by EPA 8015 Modified;
- benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA 8020; and
- methyl tertiary butyl ether (MTBE) by EPA 8020.

In addition, the soil and concrete slurry samples were analyzed for total lead by EPA 7000/6010 series.

ANALYTICAL RESULTS

The analytical results of the soil and groundwater samples collected from the tank removal activities are presented in Tables 1 through 3. A copy of the certified laboratory reports and chain-of-custody forms for the analyses described above are presented in Appendix D.

Leroy Griffin
City of Oakland Fire Services Agency
20 October 2006
Page 4

No TPH as gas or diesel, BTEX, MTBE, or lead were detected at or above the method reporting limits in the soil sample (ST-1) collected from the tank excavation.

In the tank fill material (concrete slurry) sample, TPH-gas was detected at 4.8 milligrams per kilograms (mg/kg), TPH-diesel was detected at 710 mg/kg, and xylenes were detected at 0.0098 mg/kg. No other BTEX, MTBE, or lead was detected at or above method reporting limits.

A low level of TPH-diesel was detected in the groundwater sample at a concentration of 180 micrograms per liter ($\mu\text{g/L}$). No TPH-gas, BTEX, or MTBE were detected at or above method reporting limits.

OBSERVATIONS AND CONCLUSIONS

On the basis of our observations during the tank removal activities and the analytical results from the soil, groundwater, and concrete slurry we conclude the following:

- The 3,000-gallon diesel underground storage tank was in good condition with no visible evidence of pitting, holes or containment failures.
- The backfill soil surrounding the tanks consisted of dense clayey sand.
- Groundwater was encountered at approximately 4 feet below ground surface within the tank excavation.
- Remaining soil adjacent to the tank was below detection limits for TPH-gas, TPH-diesel, BTEX, MTBE, and lead.
- In water collected from the open tank excavation, a low concentration of diesel was detected. Other compounds (TPH-gas, BTEX, and MTBE) were below detection limits
- The concrete slurry tank fill material had detections of TPH-diesel, TPH-gas, and xylenes. These concentrations are expectable given that the tank closure occurred prior to the establishment of in-place-closure regulations.

Leroy Griffin
City of Oakland Fire Services Agency
20 October 2006
Page 5

We judge the activities described in this report successfully removed the tank and no additional work is required. On behalf of Red Star LLC, we request administrative closure of the former 3,000-gallon diesel underground storage tank site.

Sincerely yours,
TREADWELL & ROLLO, INC.



Michael D. Chendorain
Project Scientist



Peter J. Cusack R.E.A.
Senior Scientist

40680106.MC

cc: Mr. Curtis Eisenberger – Red Star LLC c/o Mariposa Property, Inc.

Attachments

TABLES

Table 1
Soil Analytical Results for
Red Star Yeast
Oakland, California

Sample ID	Date Sample	TPHg	TPHd	MTBE	Benzene	Toluene	Ethlybenzene	Xylenes	Lead
		mg/kg							
ST-1	9/26/2006	< 1.0	< 1.0	< 0.05	< 0.005	< 0.005	< 0.005	< 0.005	< 5.0

Notes:

All results are reported in milligrams per kilogram (mg/kg)

TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M

TPHd - Total Petroleum Hydrocarbons as Diesel Range (C10-C23), EPA Method 8015M

MTBE - Methyl Tert Butyl Ether

<1.0 - Analyte was not detected above the laboratory reporting limit (1.0 mg/kg)

Table 2
Tank Fill Material Analytical Results for
Red Star Yeast Site
Oakland, California

Sample ID	Date Sample	TPHg	TPHd	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	Lead
		mg/kg							
TM-1	9/26/2006	4.8	710	< 0.05	< 0.005	< 0.005	< 0.005	0.0098	< 5.0

Notes:

All results are reported in milligrams per kilogram (mg/kg)

TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M

TPHd - Total Petroleum Hydrocarbons as Diesel Range (C10-C23), EPA Method 8015M

MTBE - Methyl Tert Butyl Ether

< 0.05 - Analyte was not detected above the laboratory reporting limit (0.05 mg/kg)

Table 3
Groundwater Analytical Results for
Red Start Yeast
Oakland, California

Sample ID	Date Sample	TPHg	TPHd	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes
		µg/L						
GRAB	10/4/2006	< 50	180	< 5.0	< 0.5	< 0.5	< 0.5	< 0.5

Notes:

All results are reported in micrograms per Liter (µg/L)

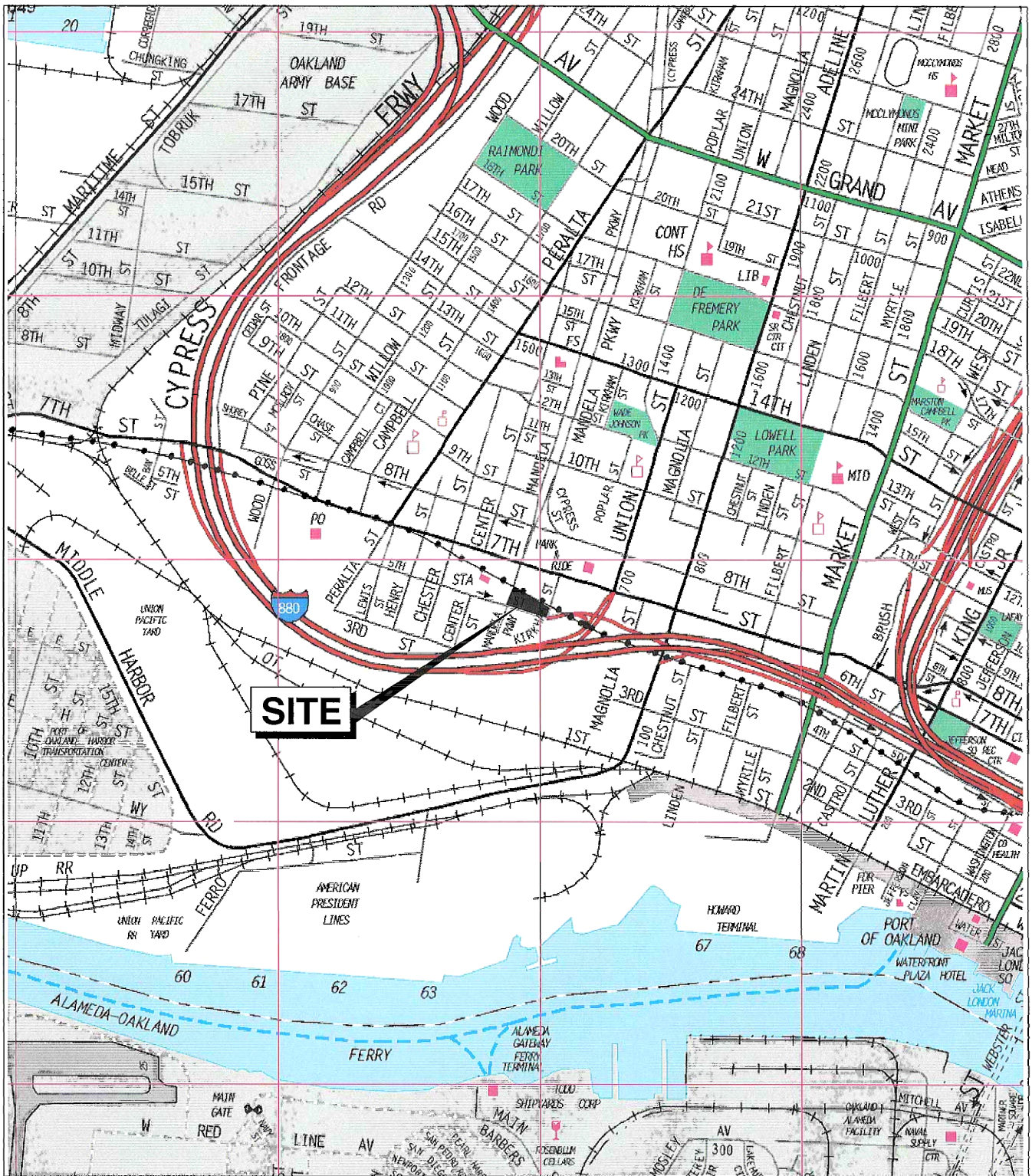
TPHg - Total Petroleum Hydrocarbons as Gasoline, EPA Method 8015M

TPHd - Total Petroleum Hydrocarbons as Diesel Range (C10-C23), EPA Method 8015M

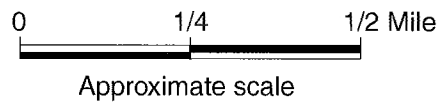
MTBE - Methyl Tert Butyl Ether

< 50 - Analyte was not detected above the laboratory reporting limit (50 µg/L)

FIGURES



Base map: The Thomas Guide
Alameda County
1999



RED STAR YEAST SITE
Oakland, California

SITE LOCATION MAP

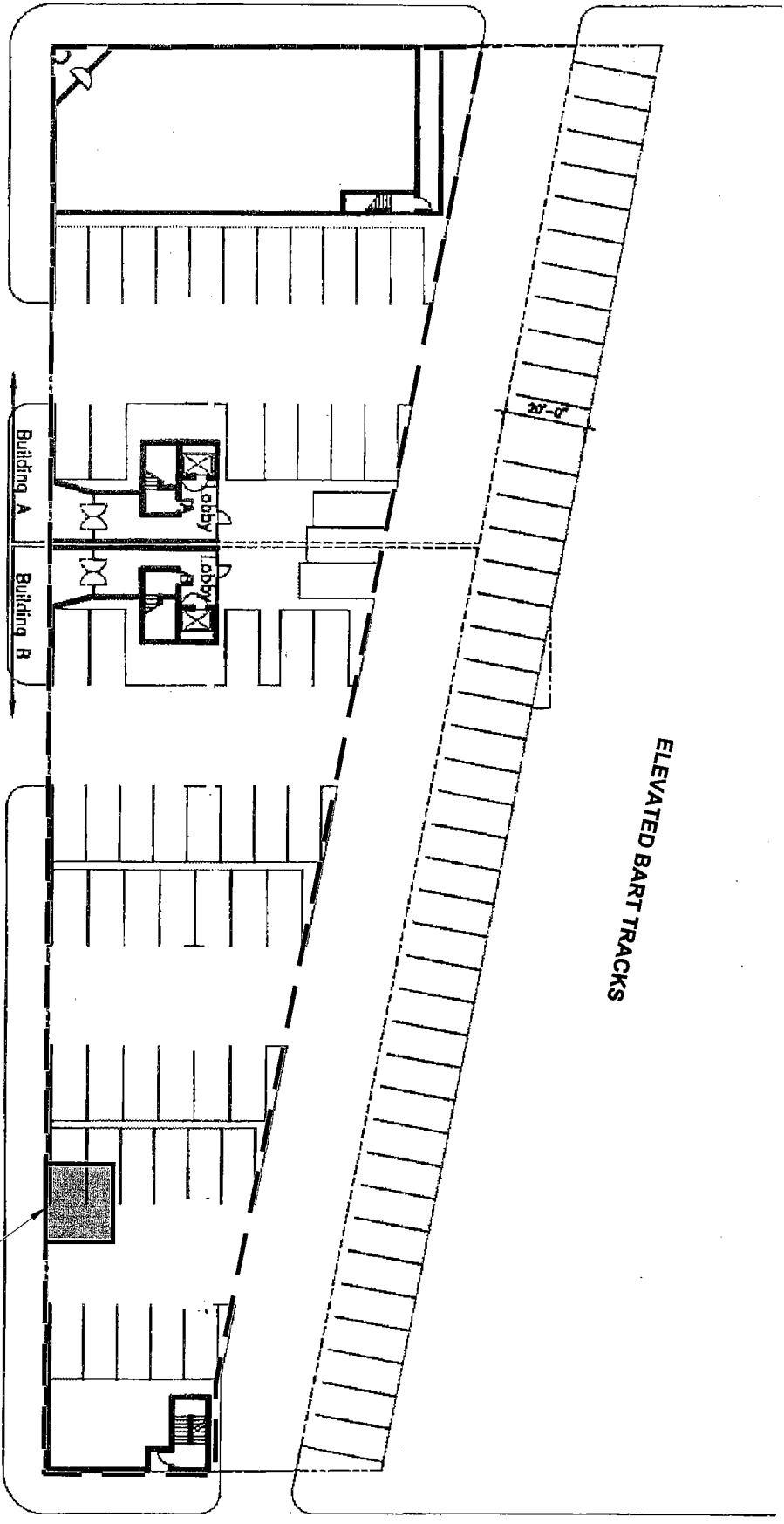
Treadwell&Rolo

Date 10/20/06

Project No. 4068.01

Figure 1

CYPRESS STREET (MANDELA PARKWAY)



ELEVATED BART TRACKS

5TH STREET

APPROXIMATE LOCATION
OF FORMER TANK AND
EXCAVATION LIMITS

KIRKHAM STREET

RED STAR YEAST SITE
Oakland, California

SITE PLAN

Date 10/20/06 Project No. 4068.01 Figure 2

Treadwell&Rollo

Reference: Ground Floor Plan - Option A by Phillip Banta & Associates Architects, dated 11/03/04.

APPENDIX A
Permits

10/19/06

From Willie

To

Peter Cussack

CITY OF OAKLAND
FIRE PREVENTION BUREAU
250 Frank Ogawa Plaza, Ste. 3341
OAKLAND, CALIFORNIA 94612-2032
(510) 238-3851



APPLICATION for PERMIT to INSTALL, REMOVE or REPAIR TANKS
In the CITY OF OAKLAND

Request Submittal Date: _____

PLEASE CIRCLE APPROPRIATE ACTIONS: Application is hereby made for permit to:

(a) Remove (b) Install (c) Repair (d) Modify (e) Abandon/Close in Place **A**

(a) Gasoline (b) Fuel oil (c) Diesel (d) ~~Waste Oil~~ tank(s) and excavate, commencing:

(a) four feet inside the curb line*; (b) inside the property line; (c) aboveground; (d) underground tank(s)
*inside curb line, please attach copy of sidewalk/excavation permit from PLANNING AND BUILDING

on the _____ side of _____ St./Ave. _____ feet of _____ St./Ave.

Site Address: 1396 Fifth Street Present storage _____

Owner: Red Star LLC Address: 555 Florida #100 Phone: (415) 717-6045
C/O Mariposa Mgmt. San Francisco, CA 94110

Applicant: TEC Accutite Address: 262 Michelle Ct Phone: (650) 616-1200
S. San Francisco, CA 94080

Sidewalk surface to be disturbed NO X Number of Tanks 1 Capacity 500 Gallons ea.

Remarks _____

Signature Willie Green

PLEASE ATTACH/SUBMIT: (All applicants must have a City Business License Permit)

- (2) Copies of Closure Plans for underground tank removal(s)
- (2) Sets of plans and (1) copy of specifications for above ground tank removal
- (2) Sets of plans and (2) sets of application packets for underground tank installation/modifications
- (2) Sets of plans for aboveground tank installation and specifications
- copy or prepare to show Planning and Building approval for aboveground tank removal and tank repair

NOTE: FOR TANK INSTALLATION PLEASE SUBMIT THIS APPLICATION FORM ALONG WITH A APPLICATION FOR PERMIT TO OPERATE, MAINTAIN OR STORE

FOR OFFICE USE ONLY

Permit No. _____
Copies to: Electrical Inspection

Amt. Recv'd 623.94 Date Issued: 9/21/06
Ck# _____ Cash _____
Receipt# 902853 Recv'd by: CP

rev:05/98

Tk

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 September 26, 2006

Tank Permit Number: T06-0053

Permission Is Hereby Granted To:

UST Removal

Waste Oil

Tank And Excavate Commencing:

Feet Inside:

Line.

On The:

Site Address: 1396 5th St., Oakland, CA 94607

Present Storage:

Owner: Red Star, LLC

Address: 555 Florida, #100, San Francisco, CA 94110

Phone: 415-717-6045

Applicant: Tee Accufite

Address: 262 Michelle Ct., S. San Francisco, CA 94080

Phone: 650-616-1200

Dimensions Of Street (sidewalk) Surface To Be Disturbed : X

No. Of Tanks 1

Capacity 500

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: Removal

Inspected And Passed On: 9/26/06

By: [Signature]

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: _____

Approved: [Signature]
Fire Marshal

Inspection Fee Paid: \$ 623.94

Received By: Receipt #902853

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

OAKLAND FIRE DEPARTMENT, OES UNDERGROUND STORAGE TANK CLOSURE/REMOVAL FIELD INSPECTION REPORT

Site Address:	Name of Facility: <u>Red Star Yeast</u>
Inspector: <u>GR Ryan</u>	Contact on site: <u>Willie Garcia</u>
Date and Time of Arrival: <u>9/26/06 / 10:45</u>	Contractor/Consultant: <u>JEL Alternative</u>

General Requirements	Yes	No	N/A
Approved closure plan on site.	✓		
Changes to approved plan noted.			✓
Residuals properly stored/transported.			✓
Receipt for adequate dry ice noted.			✓

General Requirements	Yes	No	N/A
Site Safety Plan properly signed.	✓		
40B:C fire extinguisher on site.	✓		
"No Smoking" signs posted.	✓		
Gas detector challenged by inspector.			✓

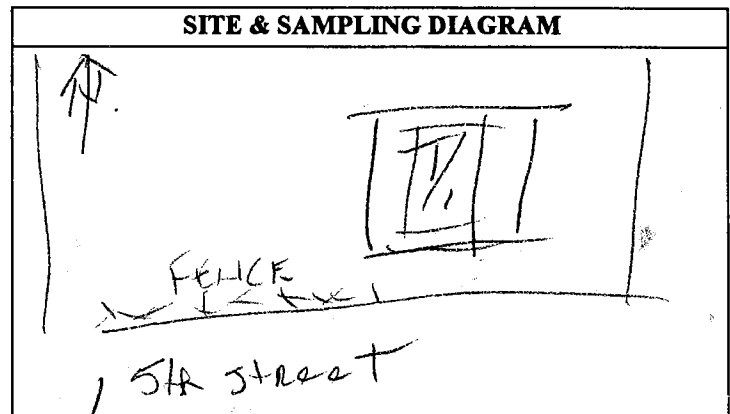
Tank Observations	T #1	T #2	T #3	T #4
Tank Capacity (gallons)	<u>3000</u>			
Material last stored	<u>fuel oil</u>			
Dry ice used (pounds)	<u>NA</u>			
Combustible gas concentration as %LEL. (Note time & sampling point)				
(1) <u>SEE NOTES</u>	<u>NA</u>			
(2)	<u>L</u>			
(3)				
Oxygen concentration as % volume. (Note time & sampling point.)				
(1) <u>SEE NOTES</u>				
(2)				
(3)				
Tank Material	<u>STEEL</u>			
Wrapping/Coating, if any	<u>YES</u>			
Obvious holes?				

Tank Observations	T #1	T #2	T #3	T #4
Obvious corrosion?	<u>NO</u>			
Obvious odors from tank?				
Seams intact?				
Tank bed backfill material				
Obvious discoloration?				
Obvious odors ex tank bed?				
Water in excavation?				
Sheen/product on water?				
Tank tagged by transporter?				
Tank wrapped for transport?				
Tank plugged w/ vent cap?				
Date/time tank hauled off?				
No. of soil samples taken?	<u>2</u>			
Depth of soil samples (ft. bgs)				

Piping Removal	Yes	No	N/A
All piping removed hauled off w/ tanks?	✓		
Obvious holes on pipes?		✓	
Obvious odors from pipes?		✓	
Obvious soil discoloration in piping trench?	✓		
Obvious odors from piping trench?		✓	
Water in piping trench?	✓		
Number & depth of soil samples from piping trench?			
Number & depth of water samples from piping trench?			

General Observations	Yes	No	N/A
Leak from any tank suspected?	✓		
"Leak Report" form given to the operator?	✓		
Obviously contaminated soil excavated?			
Soil stockpile sampled?	✓		
Stockpile lined AND covered?	✓		
Water in excavation sampled?	✓		
Number/depth of water samples taken?			<u>1 (10 BGS)</u>
All samples properly preserved for transport?	✓		

Additional Observations	Yes	No	N/A
Soil/water sampling protocols acceptable?	✓		
Sampling "chain of custody" noted?	✓		
Tank pit filled in or covered?	✓		
Tank pit fenced or barricaded?	✓		
Transporter a registered HW hauler?	✓		
Uniform HW Manifest completed?	✓		
Contractor/Consultant reminded of complete UST Removal Report due within 30 days?	✓		
Date/Time removal/closure operations completed?			<u>9/26/06</u>
OT hours or additional charges due from contractor?			<u>NO</u>



Notes/Comments: Soil - STOCKPILE SAMPLES / T-1 (TANK MATERIALS)
TANK WAS PREVIOUSLY CLOSED IN PLACE,

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
	Red Star Yeast		07

Inspection Report

PERMISSION TO INSPECT GRANTED

1) On site for the removal of 13000
UST. Tank was previously closed in
place, fill with concrete.

Consultant on site TEC. Accutite
Sample - Trench wall + Roll to

MINOR STAINAGE IN TRENCH, GROUND WATER
ENCOUNTERED DURING REMOVAL

TANK APPEARS TO BE IN GOOD CONDITION
NO HOLE OR CORROSION NOTED

~~TANK PART - 001382134 JSK
33214~~

<p>Facility Contact/Print Name:</p> <hr/> <p>Facility Contact/Signature:</p> <p style="text-align: center;"><i>William Griffin</i></p>	<p>Inspected By:</p> <table style="width: 100%;"> <tr> <td><input checked="" type="checkbox"/> Insp. Griffin</td> <td style="text-align: right;">238-7759</td> </tr> <tr> <td><input type="checkbox"/> Insp. Matthews</td> <td style="text-align: right;">238-2396</td> </tr> <tr> <td><input type="checkbox"/> Insp. Kupers</td> <td style="text-align: right;">238-7054</td> </tr> <tr> <td><input type="checkbox"/> Insp. Gomez</td> <td style="text-align: right;">238-7253</td> </tr> </table> <p style="text-align: center;">238-3927</p> <p>Date: 9/26/06</p>	<input checked="" type="checkbox"/> Insp. Griffin	238-7759	<input type="checkbox"/> Insp. Matthews	238-2396	<input type="checkbox"/> Insp. Kupers	238-7054	<input type="checkbox"/> Insp. Gomez	238-7253
<input checked="" type="checkbox"/> Insp. Griffin	238-7759								
<input type="checkbox"/> Insp. Matthews	238-2396								
<input type="checkbox"/> Insp. Kupers	238-7054								
<input type="checkbox"/> Insp. Gomez	238-7253								

**APPENDIX B
Site Photographs**



Photograph 1 – Looking at cut opened 3,000-gallon tank and stockpiles of tank contents (concrete slurry) and excavated soil.



Photograph 2 – Looking at tank excavation pit with groundwater. Note discolored soil that was eventually overexcavated and removed.



Photograph 3 – 3,000-gallon tank removed.

APPENDIX C
Hazardous Waste Manifest

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number <i>CAD992008421</i>	2. Page 1 of <i>1</i>	3. Emergency Response Phone <i>800 321-8479</i>	4. Manifest Tracking Number 001382136 JJK		
5. Generator's Name and Mailing Address REDSTAR LLC C/O MARIPOSA MANAGEMENT 555 FLORIDA STREET, SUITE 100 SAN FRANCISCO CA 94110 Generator's Phone: <i>415 800-8041</i>			Generator's Site Address (if different than mailing address) REDSTAR LLC APH 004-09-009, 1395 5TH STREET OAKLAND CA 94607				
6. Transporter 1 Company Name Ecology Control Industries			U.S. EPA ID Number <i>CAD992030173</i>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address Ecology Control Industries 205 Parr Boulevard Richmond CA 94801 Facility's Phone: <i>415 235-1300</i>			U.S. EPA ID Number <i>CAD990488202</i>				
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.	<i>Non-RCRA Hazardous Waste, Solid (EMPTY STORAGE TANKS)</i> <i>2210</i>	<i>001</i>	<i>TP</i>	<i>03000</i>	<i>F</i>	<i>812</i>	
2.	<i>64</i>						
3.	<i>131</i>						
4.							
14. Special Handling Instructions and Additional Information <i>QTY 1 EMPTY STORAGE TANK. TANK # 33216</i> <i>DCI JOB # 8270133</i> <i>WEAR PROPER PPE WHEN HANDLING. WEIGHTS AND VOLUMES ARE APPROXIMATE.</i>							
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.							
Generator's/Offoror's Printed/Typed Name <i>REDSTAR LLC</i>			Signature <i>[Signature]</i>		Month <i>9</i>	Day <i>26</i>	Year <i>06</i>
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.: _____ Transporter signature (for exports only): _____							
17. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <i>HERSCHEL COLLINS</i>			Signature <i>[Signature]</i>		Month <i>9</i>	Day <i>26</i>	Year <i>06</i>
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 Manifest Reference Number: _____							
18b. Alternate Facility (or Generator)					U.S. EPA ID Number		
Facility's Phone: _____							
18c. Signature of Alternate Facility (or Generator)					Month	Day	Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)							
1.	2.	3.	4.	<i>9/26/07</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



Ecology Control Industries

A FULL SERVICE ENVIRONMENTAL COMPANY

TRANSPORTATION SERVICE ORDER

SERVICE ORDER # 351771

SET3189

DATE: 9/26/06

CUSTOMER DRIVER SERVICES

Name: Accutite Job Location: OAKLAND

Address (BILLING): City: Zip:

Ordered by: J. Wilcox Company: P.O. #:

Name (PRINT): H. Collins Signed: H. Collins

Truck #: ~~12051~~ Trailer #: Size/Type: 18' FB

Services performed: 12038 Pickup - 1 Tank (3000.g.) Transport To ECI yard for disposal.

33218

TIME

Table with columns for MANIFEST #, DISPOSAL #, Start, Stop, Gross Time, MEALS, Less, Other Time, Total. Includes handwritten values like 001382136 and 8:30 AM.

SITE

Time In: Time In: Time In: Stop Miles: Start Miles: Time Out: Time Out: Time Out: Miles Driven:

DESCRIPTION

Table with columns for QTY, U.O.M, RATE, EXT. and rows for Vacuum Truck, End Dump, Roll-off, Flat Bed, Tank Mover, Driver Relief, Subsistence.

Authorized & Approved by: [Signature] Title: [Signature] TOTAL CHARGES: \$

If invoice is not paid within 30 days, interest shall commence accruing at 1.5% per month. Should suit be commenced to collect any portion of this invoice, Ecology Control Industries shall be entitled to any costs deemed reasonable by the court, including attorney fees.

Copy

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC 002808431
2. Page 1 of 1
3. Emergency Response Phone: NRCES 510 740 1390
4. Waste Tracking Number: CAR 000030114

5. Generator's Name and Mailing Address: RED STAR LLC C/O MARIPOSA MANAGEMENT, 685 FLORIDA STREET, SUITE 100, SAN FRANCISCO CA 94110
Generator's Site Address (if different than mailing address): FORMER RED STAR YEAST FACILITY, 1395 FIFTH STREET, OAKLAND CA 94607
Generator's Phone: 415 886 0341

6. Transporter 1 Company Name: NRC ENVIRONMENTAL SERVICES
U.S. EPA ID Number: CAR 000030114
7. Transporter 2 Company Name: [Blank]
U.S. EPA ID Number: [Blank]

8. Designated Facility Name and Site Address: Evergreen Oil, Inc., 8080 Smith Ave., Newark CA 94560
Facility's Phone: 415 795 4480
U.S. EPA ID Number: CAD 820887418

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.
		No.	Type		
1.	NON HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	002	TT	4500	
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information: WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT
JOB# 24785 PO# 178391
CONSULTANT: TEC ACQUISITE 262 MICHELLE COURT SOUTH SAN FRANCISCO, CA.

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name: Willie Brown
Signature: Willie Brown
Month: 10, Day: 07, Year: 06

15. International Shipments: Import to U.S., Export from U.S.
Port of entry/exit: [Blank]
Date leaving U.S.: [Blank]

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Manuel Barrocal
Signature: Manuel Barrocal
Month: 10, Day: 07, Year: 06
Transporter 2 Printed/Typed Name: [Blank]
Signature: [Blank]
Month: [Blank], Day: [Blank], Year: [Blank]

17. Discrepancy

17a. Discrepancy Indication Space: Quantity, Type, Residue, Partial Rejection, Full Rejection

17b. Alternate Facility (or Generator): [Blank]
Manifest Reference Number: [Blank]
U.S. EPA ID Number: [Blank]

17c. Signature of Alternate Facility (or Generator): [Blank]
Month: [Blank], Day: [Blank], Year: [Blank]

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: [Blank]
Signature: [Blank]
Month: [Blank], Day: [Blank], Year: [Blank]

GENERATOR
TRANSPORTER (INT'L)
DESIGNATED FACILITY

GENERATOR
TRANSPORTER INTL
DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAC002608431	2. Page 1 of 1	3. Emergency Response Phone NRCS 510 749-1390	4. Waste Tracking Number
-------------------------------------	---	--------------------------	---	--------------------------

5. Generator's Name and Mailing Address RED STAR LLC C/O MAIPOSA MANAGEMENT 555 FLORIDA STREET, SUITE 100 SAN FRANCISCO CA 94110	Generator's Site Address (if different than mailing address) FORMER RED STAR YEAST FACILITY 1306 FIFTH STREET OAKLAND CA 94607
Generator's Phone: 415 206-0341	

6. Transporter 1 Company Name NRC ENVIRONMENTAL SERVICES	U.S. EPA ID Number CAR000030114
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address Evergreen Oil, Inc. 6000 Smith Ave. Newark CA 94580	U.S. EPA ID Number
Facility's Phone: 510 798-4400	
U.S. EPA ID Number CAD080887416	

8a. 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.
		No.	Type		
	1. NON HAZARDOUS WASTE LIQUID (WATER WITH TRACE HYDROCARBONS)	001	TT	1800	0
	2.				
	3.				
	4.				

13. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT
JOB# 20785 DO# 178391
CONSULTANT: THE ACCUTITE 262 MICHELLE COURT SOUTH SAN FRANCISCO, CA.

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Officer's Printed/Typed Name Willie Green	Signature <i>Willie Green</i>	Month Day Year 10 02 06
---	----------------------------------	-----------------------------------

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name Miriam Barragan	Signature <i>Miriam Barragan</i>	Month Day Year 10 02 06
Transporter 2 Printed/Typed Name	Signature	Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator) Manifest Reference Number: _____ U.S. EPA ID Number: _____

Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator) _____ Month Day Year _____

18. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in item 17a

Printed/Typed Name	Signature	Month Day Year
--------------------	-----------	----------------

APPENDIX D
Certified Laboratory Report and
Chain-of-Custody Records



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
		Date Received: 09/26/06
	Client Contact: Peter Cusack	Date Reported: 09/27/06
	Client P.O.:	Date Completed: 09/27/06

WorkOrder: 0609517

September 27, 2006

Dear Peter:

Enclosed are:

- 1). the results of 1 analyzed sample from your **#4068.01; Red Star project**,
- 2). a QC report for the above sample
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
		Date Received: 09/26/06
	Client Contact: Peter Cusack	Date Extracted 09/26/06
	Client P.O.:	Date Analyzed: 09/26/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0609517

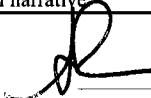
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	ST-1	S	ND	ND	ND	ND	ND	ND	1	93

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
		Date Received: 09/26/06
	Client Contact: Peter Cusack	Date Extracted 09/26/06
	Client P.O.:	Date Analyzed 09/26/06

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0609517

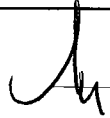
Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0609517-001A	ST-1	S	ND	1	100

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
	Client Contact: Peter Cusack	Date Received: 09/26/06
	Client P.O.:	Date Extracted: 09/26/06
		Date Analyzed: 09/26/06

Lead by ICP*

Extraction method: SW3050B

Analytical methods: 6010C

Work Order: 0609517

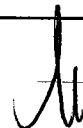
Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0609517-001A	ST-1	S	TTLC	ND	1	102

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	µg/L
	S	TTLC	5.0	mg/Kg

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.



Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0609517

EPA Method: SW8021B/8015Cm		Extraction: SW5030B				BatchID: 23937			Spiked Sample ID: 0609511-010A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	0.60	118	107	10.2	107	101	6.68	70 - 130	30	70 - 130	30
MTBE	ND	0.10	94.6	89.6	5.44	87.9	87.3	0.726	70 - 130	30	70 - 130	30
Benzene	ND	0.10	91.7	83.2	9.70	98	95.8	2.26	70 - 130	30	70 - 130	30
Toluene	ND	0.10	84.1	78.8	6.56	89.8	89.2	0.671	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	102	95.2	6.42	101	94.4	6.52	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	98	92.7	5.59	96	96.7	0.692	70 - 130	30	70 - 130	30
%SS:	86	0.10	78	81	3.77	97	93	4.21	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 23937 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609517-001A	9/26/06	9/26/06	9/26/06 9:27 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 $\% \text{ Recovery} = 100 * (\text{MS-Sample}) / (\text{Amount Spiked}); \text{RPD} = 100 * (\text{MS} - \text{MSD}) / ((\text{MS} + \text{MSD}) / 2).$
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
[£] TPH(btex) = sum of BTEX areas from the FID.
 # cluttered chromatogram; sample peak coelutes with surrogate peak.

JR QA/QC Officer



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0609517

EPA Method: SW8015C		Extraction: SW3550C				BatchID: 23880			Spiked Sample ID: 0609449-002A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	103	101	2.23	103	100	2.36	70 - 130	30	70 - 130	30
%SS:	109	50	98	106	7.41	109	104	4.02	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 23880 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609517-001A	9/26/06	9/26/06	9/26/06 5:26 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = $100 * (MS - Sample) / (Amount\ Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



McC Campbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0609517

EPA Method: 6010C	Extraction: SW3050B						BatchID: 23892						Spiked Sample ID: 0609297-047A			
	Analyte	Sample mg/Kg	Spiked mg/Kg	MS % Rec.	MSD	MS-MSD % RPD	Spiked mg/Kg	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	MS / MSD	RPD	LCS / LCSD	RPD	Acceptance Criteria (%)	
Lead	ND	50	105	104	1.72	10	90.9	92.1	1.34	75 - 125	20	80 - 120	20	20		
%SS:	104	250	104	103	1.83	250	97	96	1.01	70 - 130	20	70 - 130	20	20		

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 23892 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609517-001A	9/26/06	9/26/06	9/26/06 9:05 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

M QA/QC Officer

TURF

0609517

Treadwell & Rollo
Environmental and Geotechnical Consultant

CHAIN OF CUSTODY BUSH

555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

Site Name: Red Star

Job Number: 406B.01

Project Manager/Contact: REBUCK

Samplers: REBUCK

Recorder (Signature Required): [Signature]

Turnaround Time
24 Hour

Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix				No. Containers & Preservative				
				Soil	Water	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	Other	
ST-1	9/24/06			X							2	

Analysis Requested		Hold	Remarks
<input checked="" type="checkbox"/> GC/MS	<input checked="" type="checkbox"/> Pb		
<input checked="" type="checkbox"/> Pb	<input checked="" type="checkbox"/> Cu		
<input checked="" type="checkbox"/> Mn	<input checked="" type="checkbox"/> Zn		
<input checked="" type="checkbox"/> Cd	<input checked="" type="checkbox"/> Cr		
<input checked="" type="checkbox"/> Ni	<input checked="" type="checkbox"/> Co		
<input checked="" type="checkbox"/> Fe	<input checked="" type="checkbox"/> Al		
<input checked="" type="checkbox"/> As	<input checked="" type="checkbox"/> Se		
<input checked="" type="checkbox"/> Hg	<input checked="" type="checkbox"/> Mo		
<input checked="" type="checkbox"/> V	<input checked="" type="checkbox"/> Si		
<input checked="" type="checkbox"/> Ti	<input checked="" type="checkbox"/> K		

ICE/AC
GOOD CONDITION
HEALTHY
DECONTAMINATED IN LAB
PRESERVED IN LAB

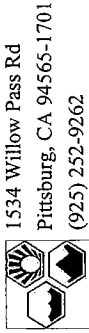
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>9/20/06</u>	Time <u>12:40</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date <u>9/26/06</u>	Time <u>2:15</u>
Relinquished by: (Signature) <u>[Signature]</u>	Date	Time

Received by: (Signature) <u>[Signature]</u>	Date <u>9/26/06</u>	Time <u>12:40</u>
Received by: (Signature) <u>[Signature]</u>	Date <u>9/26/06</u>	Time <u>2:40</u>
Received by Lab: (Signature)	Date	Time

Sent to Laboratory (Name): [Signature]
Laboratory Comments/Notes:

Method of Shipment: Hand Carried Lab courier Fed Ex Airborne UPS

McC Campbell Analytical, Inc.



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0609517 ClientID: TWRF EDF: NO

Report to: Peter Cusack
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Bill to: Accounts Payable
Treadwell & Rollo
555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested TAT: 1 day
Email: (415) 955-9040
TEL: (415) 955-9041
FAX: (415) 955-9041
ProjectNo: #4068.01; Red Star
PO: 555 Montgomery St., Suite 1300
San Francisco, CA 94111

Requested Tests (See legend below)																
Sample ID	ClientSampleID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0609517-001	ST-1	Soil	9/26/06	<input type="checkbox"/>	A	A	A	A								

Sample ID	ClientSampleID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
0609517-001	ST-1	Soil	9/26/06	<input type="checkbox"/>	A	A	A	A								

Test Legend:

1	G-MBTEX_S	2	PB_S	3	TPH(D)_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Nickole White

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.

**McC Campbell Analytical, Inc.**

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
		Date Received: 09/26/06
	Client Contact: Peter Cusack	Date Reported: 09/27/06
	Client P.O.:	Date Completed: 09/27/06

WorkOrder: 0609518

September 27, 2006

Dear Peter:

Enclosed are:

- 1). the results of 1 analyzed sample from your **#4068.01; Red Star project**,
- 2). a QC report for the above sample
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
 Web: www.mccampbell.com E-mail: main@mccampbell.com
 Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
		Date Received: 09/26/06
	Client Contact: Peter Cusack	Date Extracted: 09/26/06
	Client P.O.:	Date Analyzed: 09/27/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0609518

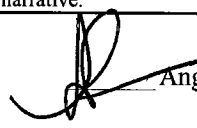
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	TM-1	S	4.8,g	ND	ND	ND	ND	0.0098	1	79

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) value derived using a client specified carbon range; o) results are reported on a dry weight basis; p) see attached narrative.

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
		Date Received: 09/26/06
	Client Contact: Peter Cusack	Date Extracted: 09/26/06
	Client P.O.:	Date Analyzed: 09/26/06

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C

Analytical methods: SW8015C

Work Order: 0609518

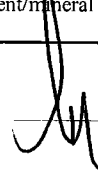
Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0609518-001A	TM-1	S	710,a	20	102

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star	Date Sampled: 09/26/06
		Date Received: 09/26/06
	Client Contact: Peter Cusack	Date Extracted: 09/26/06
	Client P.O.:	Date Analyzed: 09/26/06

Lead by ICP*

Extraction method: SW3050B

Analytical methods: 6010C

Work Order: 0609518

Lab ID	Client ID	Matrix	Extraction	Lead	DF	% SS
0609518-001A	TM-1	S	TTLC	ND	1	100

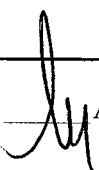
Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLC	NA	μg/L
	S	TTLC	5.0	mg/Kg

*water samples are reported in μg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in μg/wipe, filter samples in μg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.

DHS ELAP Certification N° 1644

 Angela Rydelius, Lab Manager



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0609518

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 23937			Spiked Sample ID: 0609511-010A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) £	ND	0.60	118	107	10.2	107	101	6.68	70 - 130	30	70 - 130	30
MTBE	ND	0.10	94.6	89.6	5.44	87.9	87.3	0.726	70 - 130	30	70 - 130	30
Benzene	ND	0.10	91.7	83.2	9.70	98	95.8	2.26	70 - 130	30	70 - 130	30
Toluene	ND	0.10	84.1	78.8	6.56	89.8	89.2	0.671	70 - 130	30	70 - 130	30
Ethylbenzene	ND	0.10	102	95.2	6.42	101	94.4	6.52	70 - 130	30	70 - 130	30
Xylenes	ND	0.30	98	92.7	5.59	96	96.7	0.692	70 - 130	30	70 - 130	30
%SS:	86	0.10	78	81	3.77	97	93	4.21	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 23937 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609518-001A	9/26/06	9/26/06	9/27/06 2:28 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0609518

EPA Method: SW8015C		Extraction: SW3550C				BatchID: 23880			Spiked Sample ID: 0609449-002A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	ND	20	103	101	2.23	103	100	2.36	70 - 130	30	70 - 130	30
%SS:	109	50	98	106	7.41	109	104	4.02	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 23880 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609518-001A	9/26/06	9/26/06	9/26/06 7:49 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

[Signature] QA/QC Officer



McCampbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR 6010C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0609518

EPA Method: 6010C	Extraction: SW3050B						BatchID: 23892						Spiked Sample ID: 0609297-047A			
	Sample mg/Kg	Spiked mg/Kg	MS % Rec.	MSD % Rec.	MS-MSD % RPD	Spiked mg/Kg	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	LCS % Rec.	LCSD % Rec.	LCS-LCSD % RPD	MS / MSD	RPD	LCS / LCSD	RPD
Lead	ND	50	105	104	1.72	10	90.9	92.1	1.34	96	96	75 - 125	20	80 - 120	20	
%SS:	104	250	104	103	1.83	250	97	96	1.01	96	96	70 - 130	20	70 - 130	20	

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 23892 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0609518-001A	9/26/06	9/26/06	9/26/06 9:07 PM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = $100 * (MS - Sample) / (Amount Spiked)$; RPD = $100 * (MS - MSD) / ((MS + MSD) / 2)$.

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not applicable to this method.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

DHS ELAP Certification N° 1644

QA/QC Officer

WorkOrder: 0609518 ClientID: TWRF EDF: NO

Report to: Peter Cusack
 Treadwell & Rollo
 555 Montgomery St., Suite 1300
 San Francisco, CA 94111

Bill to: Accounts Payable
 Treadwell & Rollo
 555 Montgomery St., Suite 1300
 San Francisco, CA 94111

Requested TAT: 1 day
 Email: (415) 955-9040
 TEL: (415) 955-9040 FAX: (415) 955-9041
 ProjectNo: #4068.01; Red Star
 PO: 555 Montgomery St., Suite 1300
 San Francisco, CA 94111

Date Received: 09/26/2006
 Date Printed: 09/26/2006

Sample ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)															
					1	2	3	4	5	6	7	8	9	10	11	12				
0609518-001	TM-1	Soil	9/26/06	<input type="checkbox"/>	A	A	A	A												

Test Legend:

1	G-MBTEX_S	2	PB_S	3	TPH(D)_S	4		5	
6		7		8		9		10	
11		12							

Prepared by: Nickole White

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star Yeast Site	Date Sampled: 10/04/06
		Date Received: 10/04/06
	Client Contact: Peter Cusack	Date Reported: 10/10/06
	Client P.O.:	Date Completed: 10/10/06

WorkOrder: 0610076

October 10, 2006

Dear Peter:

Enclosed are:

- 1). the results of 1 analyzed sample from your **#4068.01; Red Star Yeast Site project**,
- 2). a QC report for the above sample
- 3). a copy of the chain of custody, and
- 4). a bill for analytical services.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions please contact me. McC Campbell Analytical Laboratories strives for excellence in quality, service and cost. Thank you for your business and I look forward to working with you again.

Best regards,

Angela Rydelius, Lab Manager

Treadwell & Rolfe

Environmental and Geotechnical Consultant

CHAIN OF CUSTODY RECORD

555 Montgomery Street, Suite 1300, San Francisco, CA 94111 Ph: 415.955.9040/Fax: 415.955.9041
 501 14th Street, Third Floor, Oakland CA 94612 Ph: 510.874.4500/Fax: 510.874.4507
 777 Campus Commons Rd., Suite 200, Sacramento, CA 95825 Ph: 916.565.7412/Fax: 916.565.7412

HEAD SPACE ABSENT CONTAINERS PRESERVED IN LAB
 DECHLORINATED IN LAB _____ PRESERVED IN LAB _____
 PRESERVATION VOAS OAS METALS OTHER _____
 Page _____ of _____

Site Name: Red Star Yeast Site
 Job Number: 4068.01
 Project Manager/Contact: Michael Peter Casak
 Samplers: M. DICHENBORAIN
 Recorder (Signature Required): M. D.

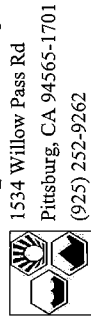
Field Sample Identification No.	Date	Time	Lab Sample No.	Matrix			No. Containers & Preservative					Analysis Requested					Silica gel clean-up	Hold	Remarks	Turnaround Time
				Soil	Water	Other	HCL	H ₂ SO ₄	HNO ₃	Ice	Other	TPH _g & TPH _d	BTEX	MIBE						
SRAB (4068)	4 OCT 06	100		<input checked="" type="checkbox"/>															1-11 Amber, 3-40mL HCL VOAs	

Retrified by (Signature): _____ Date: 4 Oct 06 Time: 1:00
 Retrified by (Signature): _____ Date: 10/10/06 Time: 5:30
 Retrified by (Signature): _____ Date: _____ Time: _____

Sent to Laboratory (Name): Mc Campbell
 Laboratory Comments/Notes: _____

Method of Shipment: Hand Carried Lab courier Fed Ex Airborne UPS
 Private Courier (Co. Name) _____

White Copy - Original Yellow Copy - Laboratory Pink Copy - Field COC Number: 006417



1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

WorkOrder: 0610076 **ClientID: TWRF**

EDF Fax Email HardCopy ThirdParty

Report to: Peter Cusack Email: picusack@treadwellrollo.com **Requested TAT:** 5 days
Treadwell & Rollo TEL: (415) 955-9040 FAX: (415) 955-9041
555 Montgomery St., Suite 1300 ProjectNo: #4068.01; Red Star Yeast Site
San Francisco, CA 94111 PO: Date Received: 10/04/2006
Date Printed: 10/04/2006

Sample ID	ClientSampleID	Matrix	Collection Date	Hold	Requested Tests (See legend below)																
					1	2	3	4	5	6	7	8	9	10	11	12					
0610076-001	GRAB (4 Oct 06)	Water	10/4/06	<input type="checkbox"/>																	

<input type="checkbox"/>	A	B																			
--------------------------	---	---	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Test Legend:		1	2	3	4	5
G-MBTX_W	TPH(D)_W					

Prepared by: Rosa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
 Web: www.mcccampbell.com E-mail: main@mcccampbell.com
 Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star Yeast Site	Date Sampled: 10/04/06
		Date Received: 10/04/06
	Client Contact: Peter Cusack	Date Extracted: 10/07/06
	Client P.O.:	Date Analyzed: 10/07/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0610076

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	GRAB (4 Oct 06)	W	ND	ND	ND	ND	ND	ND	1	104

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	0.5	1	µg/L
	S	NA	NA	NA	NA	NA	NA	NA	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in ug/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; p) see attached narrative.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

Treadwell & Rollo 555 Montgomery St., Suite 1300 San Francisco, CA 94111	Client Project ID: #4068.01; Red Star Yeast Site	Date Sampled: 10/04/06
	Client Contact: Peter Cusack	Date Received: 10/04/06
	Client P.O.:	Date Extracted: 10/04/06
		Date Analyzed: 10/06/06

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3510C

Analytical methods: SW8015C

Work Order: 0610076

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0610076-001B	GRAB (4 Oct 06)	W	180,b	1	96

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	NA	NA

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel? is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range/jet fuel range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mccampbell.com E-mail: main@mccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0610076

EPA Method: SW8021B/8015Cm		Extraction: SW5030B				BatchID: 24091			Spiked Sample ID: 0610088-001A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex) [£]	ND	60	102	102	0	108	96.1	11.5	70 - 130	30	70 - 130	30
MTBE	ND	10	95.2	97.8	2.68	110	102	8.21	70 - 130	30	70 - 130	30
Benzene	ND	10	104	102	2.17	103	103	0	70 - 130	30	70 - 130	30
Toluene	ND	10	93	95.3	2.43	95.4	95.9	0.514	70 - 130	30	70 - 130	30
Ethylbenzene	ND	10	98.1	101	2.43	102	99.2	2.46	70 - 130	30	70 - 130	30
Xylenes	ND	30	94.7	91.3	3.58	95	94.7	0.351	70 - 130	30	70 - 130	30
%SS:	100	10	104	105	1.05	105	106	1.45	70 - 130	30	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:

NONE

BATCH 24091 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610076-001	10/04/06	10/07/06	10/07/06 6:15 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.



McC Campbell Analytical, Inc.

"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Web: www.mcccampbell.com E-mail: main@mcccampbell.com
Telephone: 877-252-9262 Fax: 925-252-9269

QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Water

QC Matrix: Water

WorkOrder: 0610076

EPA Method SW8015C		Extraction SW3510C				BatchID: 24108			Spiked Sample ID: N/A			
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)			
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(d)	N/A	1000	N/A	N/A	N/A	108	108	0	N/A	N/A	70 - 130	30
%SS:	N/A	2500	N/A	N/A	N/A	104	104	0	N/A	N/A	70 - 130	30

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 24108 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0610076-001	10/04/06	10/04/06	10/06/06 12:17 AM				

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.