



**REPORT  
OF  
LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT  
JACKSON TOWER  
OAKLAND, CALIFORNIA**

**Prepared for:**

**D.R. HORTON, INC.  
5790 FLEET STREET, SUITE 200  
CARLSBAD, CALIFORNIA 92008**

**Prepared by:**

**TETRA TECH EM INC.  
10860 GOLD CENTER DRIVE, SUITE 200  
RANCHO CORDOVA, CALIFORNIA 95670**

**TETRA TECH PROJECT P2261.06.1.BAD0.0030.2C**

**JANUARY 18, 2006**



TETRA TECH EM INC.

January 18, 2006

Mr. Chris Chambers  
Northern California Region President  
D.R. Horton, Inc.  
5790 Fleet Street, Suite 200  
Carlsbad, California 92008

**Subject: REPORT OF LIMITED PHASE II ENVIRONMENTAL SITE ASSESSMENT**  
Jackson Tower  
Oakland, California  
Tetra Tech Project: P2261.06.1.BAD0.0030.2C

Dear Mr. Chambers:

Tetra Tech EM Inc. (Tetra Tech) is pleased to provide this letter report of a Limited Phase II Environmental Site Assessment (ESA) for the above-referenced property (target property) shown in Figure 1. The purpose of the Limited Phase II ESA was to evaluate the potential for petroleum contamination at the target property associated with an adjacent property, the Alcopark Garage Parking Facility (Alcopark Garage), located at 165 13<sup>th</sup> Street. The Alcopark Garage was listed on several environmental databases including the leaking underground storage tank (LUST) database and has impacted groundwater in the vicinity of the target property (Figure 2). The Limited Phase II ESA scope of work was authorized by Mr. Adam Fritz on December 9, 2005.

## **PROJECT BACKGROUND**

The target property consists of three contiguous parcels of commercially developed land, configured in an L-shape totaling approximately 0.66 acres. The northern portion of the target property is improved with a one-story office building and a parking lot. The southern portion of the target property is improved with an Asian food store and a two-story office building with a small asphalt parking lot between them. The target property is located northeast of the intersection of Jackson Street and 11<sup>th</sup> Street in Oakland, California. The target property is addressed as 1110 Jackson Street, 198 11<sup>th</sup> Street, and 176 11<sup>th</sup> Street.

## **IDENTIFICATION OF OFF-SITE RECOGNIZED ENVIRONMENTAL CONDITION**

The target property is bordered to the north by Alcopark Garage, an eight-story garage that serves the surrounding downtown area. This site is adjacent to the target property and has two 10,000-gallon underground fuel tanks. The garage was constructed sometime between 1960 and 1964. This site appears on several environmental databases, including the Hazardous Waste Information System, California Facility Inventory Database, LUST, "Cortese" Hazardous Waste & Substances Sites List, and Underground Storage Tank database.

Based on a file review conducted at the Oakland Fire Department, no further action is required concerning the soil at Alcopark Garage. However, elevated concentrations of total petroleum hydrocarbons (TPH) as gasoline (TPH-g) and other volatile organic compounds (VOC) including benzene, toluene, ethylbenzene, and xylene (BTEX), and methyl tert-butyl ether (MTBE) were detected in groundwater samples collected from on-site monitoring wells. Due to the location of this site adjacent to the target property, the varying groundwater flow direction, and the shallow groundwater level in the vicinity, less than 20 feet below ground surface (bgs), Tetra Tech concluded that an off-site release from Alcopark Garage may have impacted groundwater beneath the target property. Therefore, the Alcopark Garage was considered an off-site recognized environmental condition (REC) to the target property and Tetra Tech recommended further assessment of the groundwater conditions beneath the target property.

## LIMITED PHASE II ESA ACTIVITIES

Prior to advancing the soil borings, Tetra Tech contacted Underground Service Alert to locate underground utilities in the work area. In addition, Subtronic Corporation conducted a utility clearance survey of the boring locations and surrounding area. Precision Sampling Inc., of Richmond, California, conducted the direct-push drilling services. A soil boring permit was obtained from Alameda County Public Works Agency – Water Resources (ACPWA) for drilling activities. The soil boring permit is included as Attachment A. Soil boring locations are presented on Figure 2.

On December 27, 2005, soil borings SB-1, SB-2, and SB-3 were advanced to groundwater to a maximum depth of 25 feet bgs to assess soil and groundwater conditions at the target property. Soil borings SB-1 and SB-2 were advanced in the parking lot for the building located at 1110 Jackson Street, and soil boring SB-3 was advanced in the parking lot for the Asian food store located at 198 11<sup>th</sup> Street (Figure 2). Field screening of soil samples using visual and olfactory observations did not indicate petroleum hydrocarbon contamination in the borings. In addition, field screening of soil samples was conducted using a photoionization detector (PID). Only very low PID readings (0.2 and 0.7 parts per million) were measured in one soil boring (SB-1) at depths between 20 and 22 feet bgs. Groundwater was encountered at a depth of approximately 18 to 21 feet bgs.

Soil borings were continuously cored and logged in general accordance with the Unified Soil Classification System, by a staff geologist under supervision of a California-professional geologist, and in accordance with Tetra Tech standard operating procedures. Soil boring logs are included as Attachment B. Tetra Tech retained soil samples in acetate sleeves and covered the ends with Teflon™ film, capped by polyvinyl chloride (PVC) end caps. Soil samples from approximately 12 feet bgs from each boring were retained for chemical analyses. At each borehole, water samples were collected from temporary, 1-inch diameter PVC casing using a bailer. Water samples were contained in laboratory supplied 250-milliliter (ml) polyethylene bottles and pre-preserved 40-ml volatile organic analyses vials. The samples were labeled, packaged, and stored on ice in an insulated cooler for transport under chain-of-custody protocol to SunStar Laboratories Inc. (SunStar), a California-certified analytical laboratory.

Three soil and three groundwater samples were collected and submitted to SunStar for analysis of TPH-g, TPH as diesel (TPH-d), and TPH as motor oil (TPH-mo) using U.S. Environmental Protection Agency (EPA) Method 8015; California Assessment Manual (CAM 17) metals using EPA Method 6010B and 7470/7471; and VOCs including fuel oxygenates using EPA Method 8260B. Groundwater samples for metals analyses were filtered at the laboratory. Certified analytical reports and chain-of-custody documentation are included as Attachment C.

All drilling and sampling equipment was decontaminated before advancing each boring usingalconox detergent followed by a double rinse of deionized water.

All soil borings were sealed to the surface with neat cement by tremmie pipe. ACPWA personnel authorized the sealing of all borings without inspection.

Soils encountered from ground surface to approximately 5 feet bgs consisted of silty sand. From approximately 5 to approximately 22 feet bgs soils alternated from clay with sand to sand with clay. Soils from approximately 22 to the total depth drilled (25 feet bgs) consisted of sand with silt. A perched water zone was encountered at approximately 3 to 4 feet bgs, and wet zones were encountered at various depths; however, saturated conditions were encountered at depths of approximately 18 to 21 feet bgs.

### **Investigation Derived Waste**

Soil cuttings were placed into one 55-gallon Department of Transportation specified drum. The 55-gallon drum is currently stored on-site at the 1110 Jackson Street property pending an evaluation of disposal options. Decontamination water was disposed of by the driller.

### **Investigation Results**

Laboratory results of soil samples indicate concentrations of TPH-g, TPH-d, TPH-mo, and VOCs including fuel oxygenates were below laboratory reporting limits, and metals were below laboratory reporting limits or within reported California background concentrations.

Laboratory results of groundwater samples indicate concentrations of TPH-g, TPH-d, TPH-mo, VOCs including fuel oxygenates, and metals were below laboratory reporting limits or below California Department of Health Services Maximum Contaminant Levels (MCL), where established. Tetrachloroethene (PERC) and trichloroethene (TCE) were both detected at concentrations of 4.1 micrograms per liter ( $\mu\text{g/L}$ ) in the groundwater sample collected beneath the parking lot of the Asian food store. These concentrations are below the MCL of 5.0  $\mu\text{g/L}$  for both constituents; however, it should be noted that if construction dewatering is necessary during the planned development of the target property, the extracted groundwater will likely require testing for presence of contaminants such as PERC and TCE. Pumping and discharge of extracted groundwater should be done pursuant to a National Pollutant Discharge Elimination System (NPDES) permit issued by the Regional Water Quality Control Board (RWQCB).

No further assessment of the target property is warranted.

## **CONCLUSIONS AND RECOMMENDATIONS**

Tetra Tech conducted a Limited Phase II ESA at the target property. Based on the investigation results discussed above, our conclusions and recommendations are summarized below:

Laboratory results of soil samples indicate concentrations of TPH and VOCs were below laboratory reporting limits, and metals were below laboratory reporting limits or within reported California background concentrations.

January 18, 2006

Laboratory results of groundwater samples indicate concentrations of TPH, VOCs, and metals were below laboratory reporting limits or below MCLs, where established. PERC and TCE were both detected at concentrations of 4.1 µg/L in the groundwater sample collected beneath the parking lot of the Asian food store. These concentrations are below the MCL of 5.0 µg/L for both constituents; however, it should be noted that if construction dewatering is necessary during the planned development of the target property, the extracted groundwater will likely require testing for presence of contaminants such as PERC and TCE. Pumping and discharge of extracted groundwater should be done pursuant to a NPDES permit issued by the RWQCB. Additionally, engineering controls may be required for planned subsurface structures.

No further assessment of the target property is warranted.

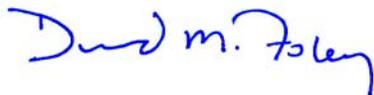
This report is intended only for the use of D. R. Horton Inc. (DHI) and its subsidiaries. If other parties wish to rely on this report, please have them contact us so that a mutual understanding and agreement of the terms and conditions for our services may be established prior to their use of this information.

This report is based on available information and was prepared in accordance with currently accepted geologic, hydrogeologic, and engineering practices. No other warranty is implied or intended. This report has been prepared for the sole use of DHI and applies only to the target property. Use of this report by third parties shall be at their sole risk.

If you have any questions or concerns, please contact Mr. David M. Foley at 916-853-4522 or via email at [david.foley@ttemi.com](mailto:david.foley@ttemi.com).

Sincerely,

**TETRA TECH EM INC.**

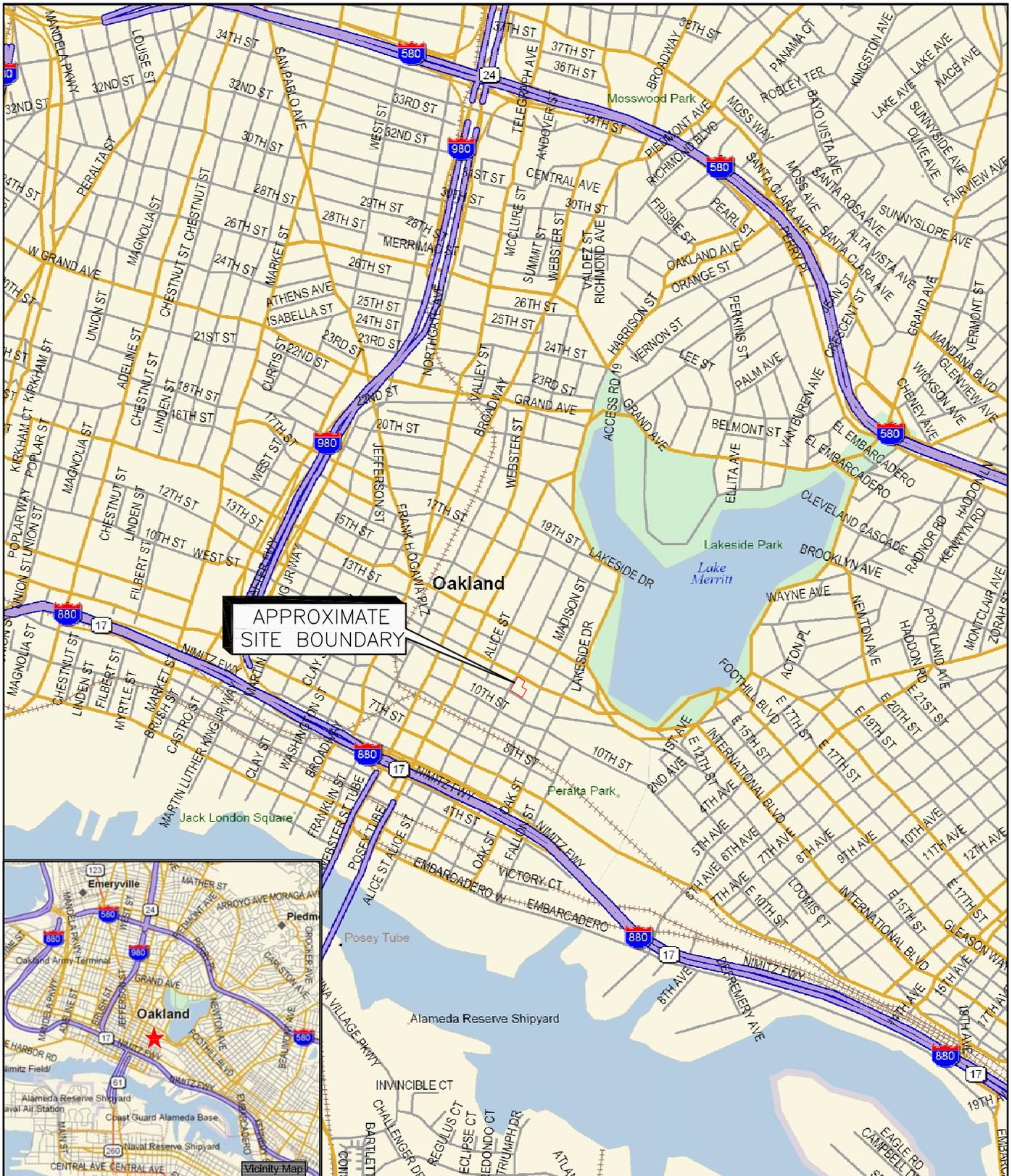


David M. Foley, P.G.  
Project Manager

Attached:      Figure 1  
                    Figure 2  
                    Attachment A – Soil Boring Permit  
                    Attachment B – Soil Boring Logs  
                    Attachment C – Certified Analytical Reports and Chain-of-Custody Documentation

Cc:      Mr. Ed Perez – DHI, Fort Worth  
            Tetra Tech File Copy – Rancho Cordova

## **FIGURES**

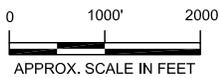
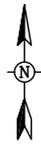


APPROXIMATE  
SITE BOUNDARY

Oakland

**LEGEND**

 Target Property Boundary

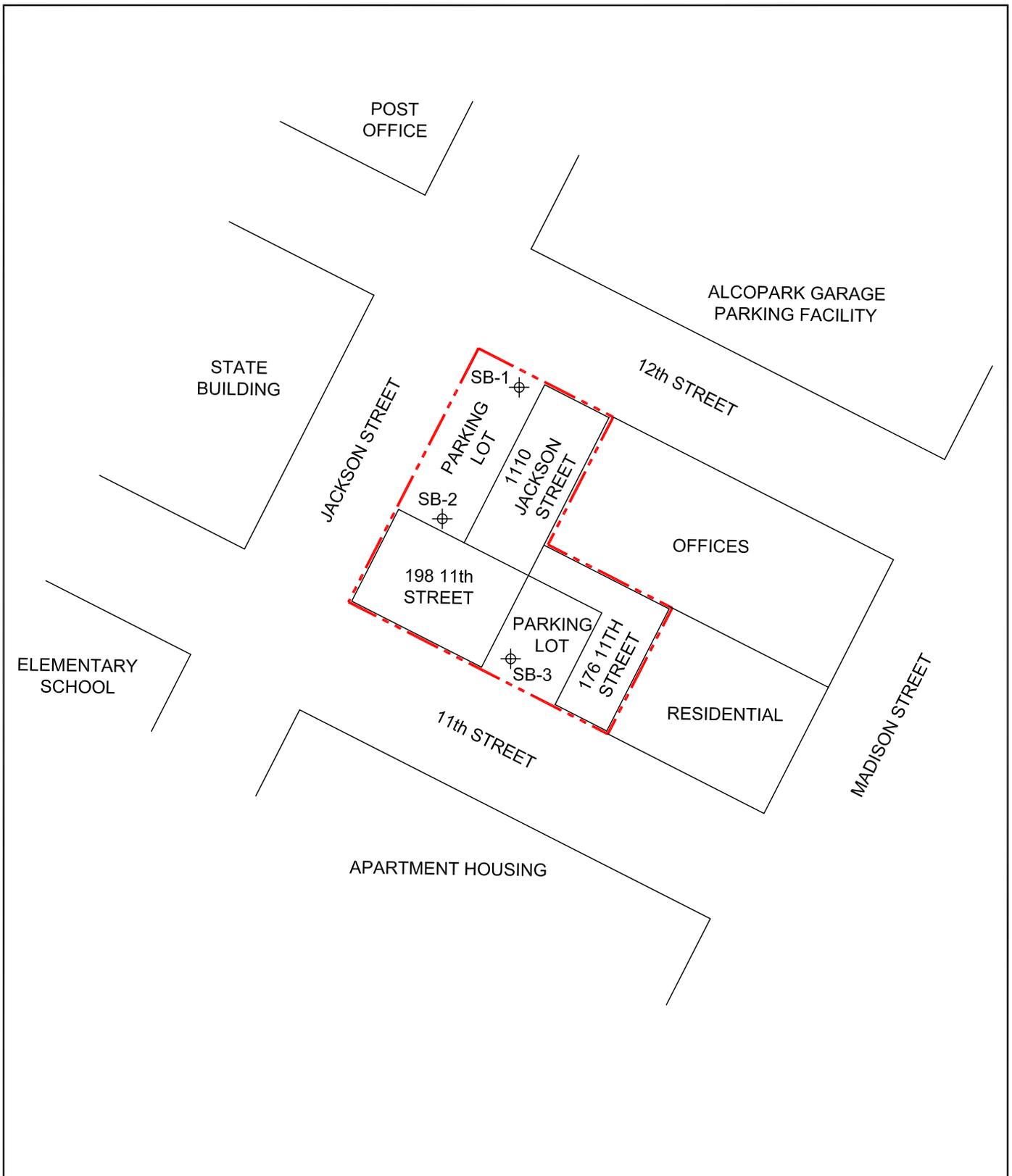


**SITE LOCATION MAP**  
**JACKSON TOWER**  
**JACKSON STREET**  
**OAKLAND, CA 94607**



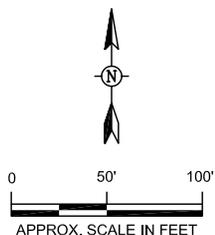
**FIGURE**  
**1**

Source: Delorme Street Atlas 2006



**LEGEND**

- - - - Target Property Boundary
-  Soil Boring



SOIL BORING LOCATION MAP  
 JACKSON TOWER  
 JACKSON STREET  
 OAKLAND, CA 94607



FIGURE  
2

**ATTACHMENT A  
SOIL BORING PERMIT**

# Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street  
Hayward, CA 94544-1395  
Telephone: (510)670-6633 Fax:(510)782-1939

**Application Approved on:** 12/19/2005 **By** jamesy  
**Permits Issued:** W2005-1195

**Receipt Number:** WR2005-2253  
**Permits Valid from** 12/21/2005 **to** 12/27/2005

**Application Id:** 1135013238254  
**Site Location:** 11th St. to the South, Jackson St. to the West, 12th St. to the North (L-shaped property w/ 3

**City of Project Site:**Oakland

businesses), Oakland, CA  
**Project Start Date:** 12/21/2005

**Completion Date:**12/27/2005

**Applicant:** Tetra Tech EM Inc. - Robert Azam  
10860 Gold Center Dr #200, Rancho Cordova, CA 95670

**Phone:** 916-769-3688

**Property Owner:** Properties (see attached list) Three Seperate  
3 Seperate Tenants & Owners, Oakland, CA 01111

**Phone:** --

**Client:** \*\* same as Property Owner \*\*  
**Contact:** David Foley

**Phone:** --  
**Cell:** --

**Total Due:** \$200.00  
**Total Amount Paid:** \$200.00  
**Paid By:** CHECK **PAID IN FULL**

## Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 3 Boreholes  
Driller: Precision Sampling Inc. - Lic #: 636387 - Method: DP

**Work Total: \$200.00**

## Specifications

| Permit Number | Issued Dt  | Expire Dt  | # Boreholes | Hole Diam | Max Depth |
|---------------|------------|------------|-------------|-----------|-----------|
| W2005-1195    | 12/19/2005 | 03/21/2006 | 3           | 2.00 in.  | 21.00 ft  |

## Specific Work Permit Conditions

1. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
2. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
3. Applicant shall contact George Bolton for an inspection time at 510-670-5594 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
4. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
5. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

**ATTACHMENT B  
SOIL BORING LOGS**



# Tetra Tech EM Inc.

10670 White Rock Road, Suite 100  
Rancho Cordova, California 95670  
(916) 852-8300

# BORING LOG

BORING NO.:

SB-1

PROJECT NAME: Jackson Towers

PROJECT NUMBER: P2261061BAD0.0030.2C

SOIL BORING  MONITORING WELL

SHEET 1 OF

### PROJECT LOCATION

1110 Jackson Street  
Oakland, Alameda County, CA

### START DATE

12-27-05

### COMPLETION DATE

12-27-05

### COMPLETED DEPTH (FEET)

25'

### GROUNDWATER DEPTH (FEET)

19' @ 1105

### DRILLING CONTRACTOR

PSI

### DRILLER

Roberto Estrada

### WELL CONSTRUCTION

### DRILLING EQUIPMENT

Geoprobe XD-1  
Dial well

### BORING DIAMETER

outer = 2 1/2"  
Inner = 1 3/4"

### TYPE AND DIAMETER OF WELL CASING

Temporary 1" Sched 40 PVC

### SAMPLING METHOD

California Modified  Hand Auger  DP

### SLOT SIZE

0.010

### FILTER MATERIAL

None

### LOGGED BY

Bob Azam

### BACKFILL MATERIAL

Grouted to surface  
by tremie

### WELL DEPTH

25'

### PERFORATED INTERVAL

20-25'

| TIME | DESCRIPTION  | DEPTH (FEET) | SAMPLE | UCSC SOIL TYPE | LITHOLOGY | WELL | PID/ID OVA READINGS (ppm) | REMARKS  |
|------|--|--------------|--------|----------------|-----------|------|---------------------------|--|
| 0830 | Asphalt surface  |              |        |                |           |      |                           |  |
|      | Sand with trace silt, dark brown, very moist, loose, no odor. Very fine sand 3' = color changes to light brown. Wet at 3'                                    | 100%         |        | SM             |           |      | ∅                         | ∅ Perched water 3.5'-4'  |
| 0850 | Clay with 5-10% very fine sand, light brown, very moist, stiff, high plasticity, no odor<br>7'-10': same as above, increasing moisture. Trace orange mottles | 100          |        | CL             |           |      | ∅                         | No odor<br>No free water   |
| 0905 | 10-13': Decrease in moisture to moist/very moist; hard; increase in sand 15-20%<br>Increasing sand 13-14.5': to 30% low plasticity from 13'                  | 100          |        |                |           |      | ∅                         | No odor<br>Hard drilling 13'-16'   |
|      | SAND with CLAY, brown, very moist to wet (not saturated), moderately dense, no odor. 30-40% clay, some plasticity. Increasing moisture at 15'                | 150          |        | SC             |           |      | ∅                         | Very moist to wet from 13'<br>Increasing moisture<br>Fine-med, subangular to subrounded sand |
| 0940 | 16'-19': decreasing clay to 25%, some silt<br>Clay with sand, brown to orange-brown, wet, high plasticity, soft, no odor                                     | 200          |        | CL             |           |      | ∅                         | Hard drilling from 19'<br>Increasing moisture  |
| 1010 | 10-15% very fine sand<br>Sand with silt, brown to light brown, wet (saturated), moderately dense, no odor. Dense at 24'; trace clay                          | 80           |        | SM             |           |      | 0.2<br>0.7                | 19-22' = slough<br>No free water. Hard drilling<br>Fine, subrounded sand                     |
| 1055 |  | 25           |        |                |           |      |                           | SB-1-GWI @ 110<br>DTW @ 1210 = 18.2'   |



**Tetra Tech EM Inc.**

10670 White Rock Road, Suite 100  
Rancho Cordova, California 95670  
(916) 852-8300

# BORING LOG

BORING NO.:

PROJECT NAME: Jack Son Towers

SB-2

PROJECT NUMBER: P2261.06.1.BADP.0034.AC

SOIL BORING  MONITORING WELL

SHEET 1 OF 1

PROJECT LOCATION

1110 Jackson Street  
Oakland, Alameda County, CA

START DATE

12-27-05

COMPLETION DATE

12-27-05

COMPLETED DEPTH (FEET)

25'

GROUNDWATER DEPTH (FEET)

25' 2' @ 1245

DRILLING CONTRACTOR

PSI

DRILLER

Roberto Estrada

WELL CONSTRUCTION

DRILLING EQUIPMENT

Geoprobe X D-1  
Dual Wall

BORING DIAMETER

Outer = 2 1/2"  
Inner = 1 3/4"

TYPE AND DIAMETER OF WELL CASING

Temporary 1" sched 40 PVC

SAMPLING METHOD

California Modified  Hand Auger  DP

SLOT SIZE

0.010"

FILTER MATERIAL

None

LOGGED BY

Roby Azam

BACKFILL MATERIAL

Grouted to surface  
by tremie

WELL DEPTH

25'

PERFORATED INTERVAL

20-25'

| TIME | DESCRIPTION  | SLUG-COUNTS | DEPTH (FEET) | SAMPLE | UCSC SOIL TYPE | LITHOLOGY | WELL | PIDIFID READINGS OVA (ppm) | REMARKS  |
|------|--|-------------|--------------|--------|----------------|-----------|------|----------------------------|--|
| 1125 | Asphalt surface (N4")<br>2" layer of concrete  |             |              |        |                |           |      |                            |  |
|      | Silty Sand, brown, loose, moist, no odor<br>Changes color to light brown to brown at 3'  | 5%          | 5            |        | SM             |           |      |                            | 0-4': material @ float of sleeve, sand catcher did not catch material<br>wet 3-4': perched water |
|      | Clay with sand, light brown to brown, moist to very moist, stiff, med plasticity, no odor<br>changes color to orange brown at 8', increase in moisture to very moist   | 100%        | 8            |        | CL             |           |      |                            | very fine sand to 30%  |
|      | increasing sand and moisture   |             | 10           |        |                |           |      |                            |  |
| 1150 | Silty sand with clay, light brown to orange brown, very moist, loose to slightly dense, no odor<br>12.5': clay with silt and sand, light brown to orange brown, very moist, slightly stiff, low to medium plasticity | 100%        | 12           | X      | SM/SC          |           |      |                            | 11.5-12.5': very moist to wet<br>SB-2-12' @ 1155   |
|      | SAND with clay, orange-brown, very moist, slightly loose, no odor, 35-40% clay, some plasticity,<br>change color to brown - light brown at 17'<br>Trace silt; 15-20% clay from 17'                                   | 100%        | 15           |        |                |           |      |                            | Increasing moisture  |
| 1215 | very moist to wet from 19'. No odor  |             | 19           |        |                |           |      |                            | Fine grained sand<br>slightly moist 16-17.5'<br>(Decrease in moisture 16-17.5')                  |
|      | Orange brown at 21', decreasing clay to 10%  | 100%        | 20           |        |                |           |      |                            | not enough moisture to produce water<br>No odor  |
| 1235 | Sand with silt, trace clay, light grayish brown, wet (saturated), loose, no odor   | 100%        | 25           |        |                |           |      |                            | very fine to fine sand   |
|      |  |             |              |        |                |           |      |                            | SB-2-GW @ 1250<br>DTW @ 1310 = 19.07   |



# Tetra Tech EM Inc.

10670 White Rock Road, Suite 100  
Rancho Cordova, California 95670  
(916) 852-8300

# BORING LOG

BORING NO.:

PROJECT NAME: Jackson Towers

PROJECT NUMBER: P2261-06.1, BADD, 0030.2C

SB-3

SOIL BORING  MONITORING WELL

SHEET 1 OF 1

### PROJECT LOCATION

170 11th Street  
Oakland, Alameda County, CA

### START DATE

12-27-05

### COMPLETION DATE

12-27-05

### COMPLETED DEPTH (FEET)

22

### GROUNDWATER DEPTH (FEET)

18' @ 1600, 19.17 @ 1615

### DRILLING CONTRACTOR

PSI

### DRILLER

Roberto Estrada

### WELL CONSTRUCTION

### DRILLING EQUIPMENT

Geoprobe XD-1  
Dual wall

### BORING DIAMETER

Outer = 2 1/2"  
Inner = 1 3/4"

### TYPE AND DIAMETER OF WELL CASING

Temporary Sched 40 PVC, 1"

### SAMPLING METHOD

California Modified  Hand Auger  DP

### SLOT SIZE

0.010

### FILTER MATERIAL

None

### LOGGED BY

Bob Azam

### BACKFILL MATERIAL

Grouted to surface  
by tremie

### WELL DEPTH

22 25

### PERFORATED INTERVAL

20-25  
17-22

| TIME | DESCRIPTION   | RECOVERY PERCENTAGE | DEPTH (FEET) | SAMPLE | UCSC SOIL TYPE | LITHOLOGY | WELL | PID/FID READINGS OVA (ppm) | REMARKS  |
|------|---|---------------------|--------------|--------|----------------|-----------|------|----------------------------|--|
| 1400 | Asphalt surface = 4" thick  |                     |              |        |                |           |      |                            |  |
|      | Silty sand, trace clay, dark brown, wet, loose, no odor. Trace silt   | 20%                 |              |        | SM             |           |      |                            | very fine to fine sand. Low recovery. 0.5' PID reading from top of hole                    |
|      | 4.5': Clay with sand, light brown, very moist to wet, stiff, med plasticity, no odor. trace silt  | 75%                 | 5            |        | CL             |           |      |                            | Fine sand 20-25%   |
|      | 7-10': same as above with decreasing sand to 15%; orange-brown at 8.5'. Very stiff to hard 7-10'  | 100%                | 10           |        |                |           |      |                            | Trace silt   |
| 1435 | SAND with clay, orange-brown, very moist to slightly wet, slightly dense, some plasticity, 20-25% clay decrease in clay with depth; trace silt wet from 14' - not enough to produce water | 75%                 | 15           | X      | SC             |           |      |                            | Fine-medium subrounded/subangular sand<br>SB-3-12' @ 1435<br>brown to orange-brown 14'-16' |
|      | 17-19': 10-15% clay   |                     |              |        |                |           |      |                            |  |
|      | 18': change color to light grayish-brown  | 80%                 |              |        |                |           |      |                            | No odor  |
|      | 19': increasing clay content and moisture   |                     |              |        |                |           |      |                            |  |
|      | CLAY with sand, grayish-brown, very moist to wet, hard, medium plasticity, no odor  | 100%                | 20           |        | SC             |           |      |                            | No odor  |
| 1515 | Sand with clay, grayish to orange brown, very moist to wet, slightly dense, no odor   |                     |              |        |                |           |      |                            | No odor. Not producing water   |
|      | 20-22' Silty sand with silty, trace clay, light brown to light grayish-brown, wet, loose. No odor. Sample is wet not saturated but top of the 20-22' section not free water               |                     |              |        |                |           |      |                            | Very hard drilling from 22' Driller suggests flowing sands                                 |
|      |   |                     |              |        |                |           |      |                            | NOTE: well pushed down to 25'  |
|      |   |                     |              |        |                |           |      |                            | fine sand.<br>1555 set top well<br>SB-5-GW 3 @ 1605  |

Slough 19-22' but is fine silt

**ATTACHMENT C**  
**CERTIFIED ANALYTICAL REPORTS AND**  
**CHAIN-OF-CUSTODY DOCUMENTATION**

30 December 2005

David Foley  
Tetra Tech -- Sacramento  
10860 Gold Center Drive #200  
Rancho Cordova, CA 95670  
RE: Jackson Towers

Enclosed are the results of analyses for samples received by the laboratory on 12/28/05 10:00. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "John J. Shepler". The signature is written in a cursive style with a large initial "J" and a long horizontal stroke at the end.

John Shepler  
Laboratory Director

Tetra Tech -- Sacramento  
10860 Gold Center Drive #200  
Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID | Laboratory ID | Matrix | Date Sampled   | Date Received  |
|-----------|---------------|--------|----------------|----------------|
| SB-1-12'  | T501565-01    | Soil   | 12/27/05 09:05 | 12/28/05 10:00 |
| SB-1-GW1  | T501565-02    | Water  | 12/27/05 11:10 | 12/28/05 10:00 |
| SB-2-12'  | T501565-03    | Soil   | 12/27/05 11:55 | 12/28/05 10:00 |
| SB-2-GW2  | T501565-04    | Water  | 12/27/05 12:50 | 12/28/05 10:00 |
| SB-3-12'  | T501565-05    | Soil   | 12/27/05 14:35 | 12/28/05 10:00 |
| SB-3-GW3  | T501565-06    | Water  | 12/27/05 16:05 | 12/28/05 10:00 |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
10860 Gold Center Drive #200  
Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

**SB-1-12'**  
**T501565-01 (Soil)**

| Analyte   | Result     | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method            | Notes |
|---|------------|-----------------|-------|----------|---------|----------|----------|-------------------|-------|
| <b>SunStar Laboratories, Inc.</b>                 |            |                 |       |          |         |          |          |                   |       |
| <b>Extractable Petroleum Hydrocarbons by 8015</b> |            |                 |       |          |         |          |          |                   |       |
| C6-C12 (GRO)                                      | ND         | 10              | mg/kg | 1        | 5122818 | 12/28/05 | 12/29/05 | EPA 8015m         |       |
| C13-C28 (DRO)                                     | ND         | 10              | "     | "        | "       | "        | "        | "                 |       |
| C29-C40 (MORO)                                    | ND         | 10              | "     | "        | "       | "        | "        | "                 |       |
| <b>Metals by EPA 6010B</b>                        |            |                 |       |          |         |          |          |                   |       |
| Antimony  | ND         | 3.0             | mg/kg | 1        | 5122822 | 12/28/05 | 12/29/05 | EPA 6010B         |       |
| Silver  | ND         | 2.0             | "     | "        | "       | "        | "        | "                 |       |
| Arsenic   | ND         | 5.0             | "     | "        | "       | "        | "        | "                 |       |
| <b>Barium</b>                                     | <b>70</b>  | 1.0             | "     | "        | "       | "        | "        | "                 |       |
| Beryllium   | ND         | 1.0             | "     | "        | "       | "        | 12/29/05 | "                 |       |
| Cadmium   | ND         | 2.0             | "     | "        | "       | "        | 12/29/05 | "                 |       |
| <b>Chromium</b>                                   | <b>63</b>  | 2.0             | "     | "        | "       | "        | "        | "                 |       |
| <b>Cobalt</b>                                     | <b>7.1</b> | 2.0             | "     | "        | "       | "        | "        | "                 |       |
| <b>Copper</b>                                     | <b>4.4</b> | 1.0             | "     | "        | "       | "        | "        | "                 |       |
| Lead  | ND         | 3.0             | "     | "        | "       | "        | "        | "                 |       |
| Molybdenum  | ND         | 1.0             | "     | "        | "       | "        | "        | "                 |       |
| <b>Nickel</b>                                     | <b>40</b>  | 2.0             | "     | "        | "       | "        | "        | "                 |       |
| Selenium  | ND         | 5.0             | "     | "        | "       | "        | "        | "                 |       |
| Thallium  | ND         | 2.0             | "     | "        | "       | "        | "        | "                 |       |
| <b>Vanadium</b>                                   | <b>17</b>  | 5.0             | "     | "        | "       | "        | "        | "                 |       |
| <b>Zinc</b>                                       | <b>20</b>  | 1.0             | "     | "        | "       | "        | "        | "                 |       |
| <b>Cold Vapor Extraction EPA 7470/7471</b>        |            |                 |       |          |         |          |          |                   |       |
| Mercury   | ND         | 0.10            | mg/kg | 1        | 5122821 | 12/28/05 | 12/30/05 | EPA 7471A<br>Soil |       |

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Tetra Tech -- Sacramento  
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Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

**SB-1-12'**  
**T501565-01 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

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**Volatile Organic Compounds by EPA Method 8260B**

| Analyte                     | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Bromobenzene                | ND     | 2.0             | ug/kg | 1        | 5122817 | 12/28/05 | 12/28/05 | EPA 8260B |       |
| Bromochloromethane          | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Bromodichloromethane        | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Bromoform                   | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Bromomethane                | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| n-Butylbenzene              | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| sec-Butylbenzene            | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| tert-Butylbenzene           | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Carbon tetrachloride        | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Chlorobenzene               | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Chloroethane                | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Chloroform                  | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Chloromethane               | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 2-Chlorotoluene             | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 4-Chlorotoluene             | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Dibromochloromethane        | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Dibromomethane              | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichlorobenzene         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,3-Dichlorobenzene         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,4-Dichlorobenzene         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Dichlorodifluoromethane     | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,1-Dichloroethane          | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloroethane          | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,1-Dichloroethene          | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| cis-1,2-Dichloroethene      | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| trans-1,2-Dichloroethene    | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloropropane         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,3-Dichloropropane         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 2,2-Dichloropropane         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| 1,1-Dichloropropene         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| cis-1,3-Dichloropropene     | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| trans-1,3-Dichloropropene   | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Hexachlorobutadiene         | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Isopropylbenzene            | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| p-Isopropyltoluene          | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Methylene chloride          | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |
| n-Propylbenzene             | ND     | 2.0             | "     | "        | "       | "        | "        | "         |       |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-1-12'**  
**T501565-01 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|  |    |        |       |          |         |          |          |           |  |
|--|----|--------|-------|----------|---------|----------|----------|-----------|--|
| Styrene                                | ND | 2.0    | ug/kg | 1        | 5122817 | 12/28/05 | 12/28/05 | EPA 8260B |  |
| 1,1,2,2-Tetrachloroethane              | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,1,1,2-Tetrachloroethane              | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Tetrachloroethene                      | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,3-Trichlorobenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,4-Trichlorobenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,1,2-Trichloroethane                  | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,1,1-Trichloroethane                  | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Trichloroethene                        | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Trichlorofluoromethane                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,3-Trichloropropane                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,3,5-Trimethylbenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,4-Trimethylbenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Vinyl chloride                         | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Benzene                                | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Toluene                                | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Ethylbenzene                           | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| m,p-Xylene                             | ND | 4.0    | "     | "        | "       | "        | "        | "         |  |
| o-Xylene                               | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Tert-amyl methyl ether                 | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| Tert-butyl alcohol                     | ND | 20     | "     | "        | "       | "        | "        | "         |  |
| Di-isopropyl ether                     | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| Ethyl tert-butyl ether                 | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| Methyl tert-butyl ether                | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| <i>Surrogate: Toluene-d8</i>           |    | 98.2 % |       | 85.8-113 | "       | "        | "        | "         |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 106 %  |       | 73.5-115 | "       | "        | "        | "         |  |
| <i>Surrogate: Dibromofluoromethane</i> |    | 104 %  |       | 79-126   | "       | "        | "        | "         |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-1-GW1**  
**T501565-02 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Extractable Petroleum Hydrocarbons by 8015**

|                |    |       |      |   |         |          |          |           |  |
|----------------|----|-------|------|---|---------|----------|----------|-----------|--|
| C6-C12 (GRO)   | ND | 0.050 | mg/l | 1 | 5122823 | 12/28/05 | 12/29/05 | EPA 8015m |  |
| C13-C28 (DRO)  | ND | 0.050 | "    | " | "       | "        | "        | "         |  |
| C29-C40 (MORO) | ND | 0.10  | "    | " | "       | "        | "        | "         |  |

**Metals by EPA 6010B**

|               |           |    |      |   |         |          |          |           |  |
|---------------|-----------|----|------|---|---------|----------|----------|-----------|--|
| Antimony      | ND        | 50 | ug/l | 1 | 5122819 | 12/28/05 | 12/29/05 | EPA 6010B |  |
| Silver        | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Arsenic       | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| <b>Barium</b> | <b>94</b> | 50 | "    | " | "       | "        | "        | "         |  |
| Beryllium     | ND        | 50 | "    | " | "       | "        | 12/29/05 | "         |  |
| Cadmium       | ND        | 50 | "    | " | "       | "        | 12/29/05 | "         |  |
| Chromium      | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Cobalt        | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Copper        | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Lead          | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Molybdenum    | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Nickel        | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Selenium      | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Thallium      | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Vanadium      | ND        | 50 | "    | " | "       | "        | "        | "         |  |
| Zinc          | ND        | 50 | "    | " | "       | "        | "        | "         |  |

**Cold Vapor Extraction EPA 7470/7471**

|         |    |      |      |   |         |          |          |                    |  |
|---------|----|------|------|---|---------|----------|----------|--------------------|--|
| Mercury | ND | 0.50 | ug/l | 1 | 5122820 | 12/28/05 | 12/28/05 | EPA 7470A<br>Water |  |
|---------|----|------|------|---|---------|----------|----------|--------------------|--|

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Tetra Tech -- Sacramento  
10860 Gold Center Drive #200  
Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

**SB-1-GW1**  
**T501565-02 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

| Analyte                     | Result | Reporting Limit | Units | Dilution | Batch   | Prepared | Analyzed | Method    | Notes |
|-----------------------------|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| Bromobenzene                | ND     | 1.0             | ug/l  | 1        | 5122824 | 12/28/05 | 12/28/05 | EPA 8260B |       |
| Bromochloromethane          | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Bromodichloromethane        | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Bromoform                   | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Bromomethane                | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| n-Butylbenzene              | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| sec-Butylbenzene            | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| tert-Butylbenzene           | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Carbon tetrachloride        | ND     | 0.50            | "     | "        | "       | "        | "        | "         |       |
| Chlorobenzene               | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Chloroethane                | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Chloroform                  | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Chloromethane               | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 2-Chlorotoluene             | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 4-Chlorotoluene             | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Dibromochloromethane        | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromo-3-chloropropane | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dibromoethane (EDB)     | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Dibromomethane              | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichlorobenzene         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,3-Dichlorobenzene         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,4-Dichlorobenzene         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Dichlorodifluoromethane     | ND     | 0.50            | "     | "        | "       | "        | "        | "         |       |
| 1,1-Dichloroethane          | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloroethane          | ND     | 0.50            | "     | "        | "       | "        | "        | "         |       |
| 1,1-Dichloroethene          | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| cis-1,2-Dichloroethene      | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| trans-1,2-Dichloroethene    | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,2-Dichloropropane         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,3-Dichloropropane         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 2,2-Dichloropropane         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| 1,1-Dichloropropene         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| cis-1,3-Dichloropropene     | ND     | 0.50            | "     | "        | "       | "        | "        | "         |       |
| trans-1,3-Dichloropropene   | ND     | 0.50            | "     | "        | "       | "        | "        | "         |       |
| Hexachlorobutadiene         | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Isopropylbenzene            | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| p-Isopropyltoluene          | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Methylene chloride          | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| Naphthalene                 | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |
| n-Propylbenzene             | ND     | 1.0             | "     | "        | "       | "        | "        | "         |       |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-1-GW1**  
**T501565-02 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|  |    |              |      |                 |         |          |          |           |          |
|--|----|--------------|------|-----------------|---------|----------|----------|-----------|----------|
| Styrene                                | ND | 1.0          | ug/l | 1               | 5122824 | 12/28/05 | 12/28/05 | EPA 8260B |          |
| 1,1,2,2-Tetrachloroethane              | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,1,1,2-Tetrachloroethane              | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| Tetrachloroethene                      | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,2,3-Trichlorobenzene                 | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,2,4-Trichlorobenzene                 | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,1,2-Trichloroethane                  | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,1,1-Trichloroethane                  | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| Trichloroethene                        | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| Trichlorofluoromethane                 | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,2,3-Trichloropropane                 | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,3,5-Trimethylbenzene                 | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| 1,2,4-Trimethylbenzene                 | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| Vinyl chloride                         | ND | 0.50         | "    | "               | "       | "        | "        | "         |          |
| Benzene                                | ND | 0.50         | "    | "               | "       | "        | "        | "         |          |
| Toluene                                | ND | 0.50         | "    | "               | "       | "        | "        | "         |          |
| Ethylbenzene                           | ND | 0.50         | "    | "               | "       | "        | "        | "         |          |
| m,p-Xylene                             | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| o-Xylene                               | ND | 0.50         | "    | "               | "       | "        | "        | "         |          |
| Tert-amyl methyl ether                 | ND | 2.0          | "    | "               | "       | "        | "        | "         |          |
| Tert-butyl alcohol                     | ND | 10           | "    | "               | "       | "        | "        | "         |          |
| Di-isopropyl ether                     | ND | 2.0          | "    | "               | "       | "        | "        | "         |          |
| Ethyl tert-butyl ether                 | ND | 2.0          | "    | "               | "       | "        | "        | "         |          |
| Methyl tert-butyl ether                | ND | 1.0          | "    | "               | "       | "        | "        | "         |          |
| <i>Surrogate: Toluene-d8</i>           |    | <i>102 %</i> |      | <i>87.6-115</i> |         | <i>"</i> | <i>"</i> | <i>"</i>  | <i>"</i> |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | <i>103 %</i> |      | <i>80-112</i>   |         | <i>"</i> | <i>"</i> | <i>"</i>  | <i>"</i> |
| <i>Surrogate: Dibromofluoromethane</i> |    | <i>114 %</i> |      | <i>78.6-122</i> |         | <i>"</i> | <i>"</i> | <i>"</i>  | <i>"</i> |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-2-12'**  
**T501565-03 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Extractable Petroleum Hydrocarbons by 8015**

|                |    |    |       |   |         |          |          |           |  |
|----------------|----|----|-------|---|---------|----------|----------|-----------|--|
| C6-C12 (GRO)   | ND | 10 | mg/kg | 1 | 5122818 | 12/28/05 | 12/29/05 | EPA 8015m |  |
| C13-C28 (DRO)  | ND | 10 | "     | " | "       | "        | "        | "         |  |
| C29-C40 (MORO) | ND | 10 | "     | " | "       | "        | "        | "         |  |

**Metals by EPA 6010B**

|                 |            |     |       |   |         |          |          |           |  |
|-----------------|------------|-----|-------|---|---------|----------|----------|-----------|--|
| Antimony        | ND         | 3.0 | mg/kg | 1 | 5122822 | 12/28/05 | 12/29/05 | EPA 6010B |  |
| Silver          | ND         | 2.0 | "     | " | "       | "        | "        | "         |  |
| Arsenic         | ND         | 5.0 | "     | " | "       | "        | "        | "         |  |
| <b>Barium</b>   | <b>36</b>  | 1.0 | "     | " | "       | "        | "        | "         |  |
| Beryllium       | ND         | 1.0 | "     | " | "       | "        | 12/29/05 | "         |  |
| Cadmium         | ND         | 2.0 | "     | " | "       | "        | 12/29/05 | "         |  |
| <b>Chromium</b> | <b>48</b>  | 2.0 | "     | " | "       | "        | "        | "         |  |
| <b>Cobalt</b>   | <b>7.8</b> | 2.0 | "     | " | "       | "        | "        | "         |  |
| <b>Copper</b>   | <b>2.6</b> | 1.0 | "     | " | "       | "        | "        | "         |  |
| Lead            | ND         | 3.0 | "     | " | "       | "        | "        | "         |  |
| Molybdenum      | ND         | 1.0 | "     | " | "       | "        | "        | "         |  |
| <b>Nickel</b>   | <b>35</b>  | 2.0 | "     | " | "       | "        | "        | "         |  |
| Selenium        | ND         | 5.0 | "     | " | "       | "        | "        | "         |  |
| Thallium        | ND         | 2.0 | "     | " | "       | "        | "        | "         |  |
| <b>Vanadium</b> | <b>16</b>  | 5.0 | "     | " | "       | "        | "        | "         |  |
| <b>Zinc</b>     | <b>18</b>  | 1.0 | "     | " | "       | "        | "        | "         |  |

**Cold Vapor Extraction EPA 7470/7471**

|         |    |      |       |   |         |          |          |                   |  |
|---------|----|------|-------|---|---------|----------|----------|-------------------|--|
| Mercury | ND | 0.10 | mg/kg | 1 | 5122821 | 12/28/05 | 12/30/05 | EPA 7471A<br>Soil |  |
|---------|----|------|-------|---|---------|----------|----------|-------------------|--|

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Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-2-12'**  
**T501565-03 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|                             |    |     |       |   |         |          |          |           |  |
|-----------------------------|----|-----|-------|---|---------|----------|----------|-----------|--|
| Bromobenzene                | ND | 2.0 | ug/kg | 1 | 5122817 | 12/28/05 | 12/29/05 | EPA 8260B |  |
| Bromochloromethane          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Bromodichloromethane        | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Bromoform                   | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Bromomethane                | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| n-Butylbenzene              | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| sec-Butylbenzene            | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| tert-Butylbenzene           | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Carbon tetrachloride        | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chlorobenzene               | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chloroethane                | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chloroform                  | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chloromethane               | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 2-Chlorotoluene             | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 4-Chlorotoluene             | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Dibromochloromethane        | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dibromoethane (EDB)     | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Dibromomethane              | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dichlorobenzene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,3-Dichlorobenzene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,4-Dichlorobenzene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Dichlorodifluoromethane     | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethane          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dichloroethane          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethene          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| cis-1,2-Dichloroethene      | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| trans-1,2-Dichloroethene    | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dichloropropane         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,3-Dichloropropane         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 2,2-Dichloropropane         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,1-Dichloropropene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| cis-1,3-Dichloropropene     | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| trans-1,3-Dichloropropene   | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Hexachlorobutadiene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Isopropylbenzene            | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| p-Isopropyltoluene          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Methylene chloride          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Naphthalene                 | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| n-Propylbenzene             | ND | 2.0 | "     | " | "       | "        | "        | "         |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-2-12'**  
**T501565-03 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|  |    |        |       |          |         |          |          |           |  |
|--|----|--------|-------|----------|---------|----------|----------|-----------|--|
| Styrene                                | ND | 2.0    | ug/kg | 1        | 5122817 | 12/28/05 | 12/29/05 | EPA 8260B |  |
| 1,1,2,2-Tetrachloroethane              | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,1,1,2-Tetrachloroethane              | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Tetrachloroethene                      | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,3-Trichlorobenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,4-Trichlorobenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,1,2-Trichloroethane                  | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,1,1-Trichloroethane                  | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Trichloroethene                        | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Trichlorofluoromethane                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,3-Trichloropropane                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,3,5-Trimethylbenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| 1,2,4-Trimethylbenzene                 | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Vinyl chloride                         | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Benzene                                | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Toluene                                | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Ethylbenzene                           | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| m,p-Xylene                             | ND | 4.0    | "     | "        | "       | "        | "        | "         |  |
| o-Xylene                               | ND | 2.0    | "     | "        | "       | "        | "        | "         |  |
| Tert-amyl methyl ether                 | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| Tert-butyl alcohol                     | ND | 20     | "     | "        | "       | "        | "        | "         |  |
| Di-isopropyl ether                     | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| Ethyl tert-butyl ether                 | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| Methyl tert-butyl ether                | ND | 5.0    | "     | "        | "       | "        | "        | "         |  |
| <i>Surrogate: Toluene-d8</i>           |    | 96.6 % |       | 85.8-113 | "       | "        | "        | "         |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | 95.2 % |       | 73.5-115 | "       | "        | "        | "         |  |
| <i>Surrogate: Dibromofluoromethane</i> |    | 123 %  |       | 79-126   | "       | "        | "        | "         |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
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Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

**SB-2-GW2**  
**T501565-04 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Extractable Petroleum Hydrocarbons by 8015**

|                |    |       |      |   |         |          |          |           |  |
|----------------|----|-------|------|---|---------|----------|----------|-----------|--|
| C6-C12 (GRO)   | ND | 0.050 | mg/l | 1 | 5122823 | 12/28/05 | 12/29/05 | EPA 8015m |  |
| C13-C28 (DRO)  | ND | 0.050 | "    | " | "       | "        | "        | "         |  |
| C29-C40 (MORO) | ND | 0.10  | "    | " | "       | "        | "        | "         |  |

**Metals by EPA 6010B**

|               |            |    |      |   |         |          |          |           |  |
|---------------|------------|----|------|---|---------|----------|----------|-----------|--|
| Antimony      | ND         | 50 | ug/l | 1 | 5122819 | 12/28/05 | 12/29/05 | EPA 6010B |  |
| Silver        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Arsenic       | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| <b>Barium</b> | <b>110</b> | 50 | "    | " | "       | "        | "        | "         |  |
| Beryllium     | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Cadmium       | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Chromium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Cobalt        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Copper        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Lead          | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Molybdenum    | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Nickel        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Selenium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Thallium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Vanadium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Zinc          | ND         | 50 | "    | " | "       | "        | "        | "         |  |

**Cold Vapor Extraction EPA 7470/7471**

|         |    |      |      |   |         |          |          |                    |  |
|---------|----|------|------|---|---------|----------|----------|--------------------|--|
| Mercury | ND | 0.50 | ug/l | 1 | 5122820 | 12/28/05 | 12/28/05 | EPA 7470A<br>Water |  |
|---------|----|------|------|---|---------|----------|----------|--------------------|--|

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Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-2-GW2**  
**T501565-04 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|                             |    |      |      |   |         |          |          |           |  |
|-----------------------------|----|------|------|---|---------|----------|----------|-----------|--|
| Bromobenzene                | ND | 1.0  | ug/l | 1 | 5122824 | 12/28/05 | 12/28/05 | EPA 8260B |  |
| Bromochloromethane          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Bromodichloromethane        | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Bromoform                   | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Bromomethane                | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| n-Butylbenzene              | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| sec-Butylbenzene            | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| tert-Butylbenzene           | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Carbon tetrachloride        | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| Chlorobenzene               | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Chloroethane                | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Chloroform                  | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Chloromethane               | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 2-Chlorotoluene             | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 4-Chlorotoluene             | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Dibromochloromethane        | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dibromo-3-chloropropane | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dibromoethane (EDB)     | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Dibromomethane              | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dichlorobenzene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,3-Dichlorobenzene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,4-Dichlorobenzene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Dichlorodifluoromethane     | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethane          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dichloroethane          | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethene          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| cis-1,2-Dichloroethene      | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| trans-1,2-Dichloroethene    | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dichloropropane         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,3-Dichloropropane         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 2,2-Dichloropropane         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,1-Dichloropropene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| cis-1,3-Dichloropropene     | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| trans-1,3-Dichloropropene   | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| Hexachlorobutadiene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Isopropylbenzene            | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| p-Isopropyltoluene          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Methylene chloride          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Naphthalene                 | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| n-Propylbenzene             | ND | 1.0  | "    | " | "       | "        | "        | "         |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-2-GW2**  
**T501565-04 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|  |    |               |      |                 |         |          |          |           |  |
|--|----|---------------|------|-----------------|---------|----------|----------|-----------|--|
| Styrene                                | ND | 1.0           | ug/l | 1               | 5122824 | 12/28/05 | 12/28/05 | EPA 8260B |  |
| 1,1,2,2-Tetrachloroethane              | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,1,1,2-Tetrachloroethane              | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| Tetrachloroethene                      | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,2,3-Trichlorobenzene                 | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,2,4-Trichlorobenzene                 | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,1,2-Trichloroethane                  | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,1,1-Trichloroethane                  | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| Trichloroethene                        | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| Trichlorofluoromethane                 | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,2,3-Trichloropropane                 | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,3,5-Trimethylbenzene                 | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| 1,2,4-Trimethylbenzene                 | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| Vinyl chloride                         | ND | 0.50          | "    | "               | "       | "        | "        | "         |  |
| Benzene                                | ND | 0.50          | "    | "               | "       | "        | "        | "         |  |
| Toluene                                | ND | 0.50          | "    | "               | "       | "        | "        | "         |  |
| Ethylbenzene                           | ND | 0.50          | "    | "               | "       | "        | "        | "         |  |
| m,p-Xylene                             | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| o-Xylene                               | ND | 0.50          | "    | "               | "       | "        | "        | "         |  |
| Tert-amyl methyl ether                 | ND | 2.0           | "    | "               | "       | "        | "        | "         |  |
| Tert-butyl alcohol                     | ND | 10            | "    | "               | "       | "        | "        | "         |  |
| Di-isopropyl ether                     | ND | 2.0           | "    | "               | "       | "        | "        | "         |  |
| Ethyl tert-butyl ether                 | ND | 2.0           | "    | "               | "       | "        | "        | "         |  |
| Methyl tert-butyl ether                | ND | 1.0           | "    | "               | "       | "        | "        | "         |  |
| <i>Surrogate: Toluene-d8</i>           |    | <i>104 %</i>  |      | <i>87.6-115</i> |         |          |          |           |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | <i>99.8 %</i> |      | <i>80-112</i>   |         |          |          |           |  |
| <i>Surrogate: Dibromofluoromethane</i> |    | <i>115 %</i>  |      | <i>78.6-122</i> |         |          |          |           |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-3-12'**  
**T501565-05 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Extractable Petroleum Hydrocarbons by 8015**

|                |    |    |       |   |         |          |          |           |  |
|----------------|----|----|-------|---|---------|----------|----------|-----------|--|
| C6-C12 (GRO)   | ND | 10 | mg/kg | 1 | 5122818 | 12/28/05 | 12/29/05 | EPA 8015m |  |
| C13-C28 (DRO)  | ND | 10 | "     | " | "       | "        | "        | "         |  |
| C29-C40 (MORO) | ND | 10 | "     | " | "       | "        | "        | "         |  |

**Metals by EPA 6010B**

|                 |            |     |       |   |         |          |          |           |  |
|-----------------|------------|-----|-------|---|---------|----------|----------|-----------|--|
| Antimony        | ND         | 3.0 | mg/kg | 1 | 5122822 | 12/28/05 | 12/29/05 | EPA 6010B |  |
| Silver          | ND         | 2.0 | "     | " | "       | "        | "        | "         |  |
| Arsenic         | ND         | 5.0 | "     | " | "       | "        | "        | "         |  |
| <b>Barium</b>   | <b>56</b>  | 1.0 | "     | " | "       | "        | 12/29/05 | "         |  |
| Beryllium       | ND         | 1.0 | "     | " | "       | "        | "        | "         |  |
| Cadmium         | ND         | 2.0 | "     | " | "       | "        | 12/29/05 | "         |  |
| <b>Chromium</b> | <b>66</b>  | 2.0 | "     | " | "       | "        | "        | "         |  |
| <b>Cobalt</b>   | <b>6.5</b> | 2.0 | "     | " | "       | "        | "        | "         |  |
| <b>Copper</b>   | <b>4.3</b> | 1.0 | "     | " | "       | "        | "        | "         |  |
| Lead            | ND         | 3.0 | "     | " | "       | "        | "        | "         |  |
| Molybdenum      | ND         | 1.0 | "     | " | "       | "        | "        | "         |  |
| <b>Nickel</b>   | <b>33</b>  | 2.0 | "     | " | "       | "        | "        | "         |  |
| Selenium        | ND         | 5.0 | "     | " | "       | "        | "        | "         |  |
| Thallium        | ND         | 2.0 | "     | " | "       | "        | "        | "         |  |
| <b>Vanadium</b> | <b>24</b>  | 5.0 | "     | " | "       | "        | "        | "         |  |
| <b>Zinc</b>     | <b>20</b>  | 1.0 | "     | " | "       | "        | "        | "         |  |

**Cold Vapor Extraction EPA 7470/7471**

|         |    |      |       |   |         |          |          |                   |  |
|---------|----|------|-------|---|---------|----------|----------|-------------------|--|
| Mercury | ND | 0.10 | mg/kg | 1 | 5122821 | 12/28/05 | 12/30/05 | EPA 7471A<br>Soil |  |
|---------|----|------|-------|---|---------|----------|----------|-------------------|--|

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-3-12'**  
**T501565-05 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|                             |    |     |       |   |         |          |          |           |  |
|-----------------------------|----|-----|-------|---|---------|----------|----------|-----------|--|
| Bromobenzene                | ND | 2.0 | ug/kg | 1 | 5122817 | 12/28/05 | 12/28/05 | EPA 8260B |  |
| Bromochloromethane          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Bromodichloromethane        | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Bromoform                   | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Bromomethane                | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| n-Butylbenzene              | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| sec-Butylbenzene            | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| tert-Butylbenzene           | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Carbon tetrachloride        | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chlorobenzene               | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chloroethane                | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chloroform                  | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Chloromethane               | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 2-Chlorotoluene             | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 4-Chlorotoluene             | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Dibromochloromethane        | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dibromo-3-chloropropane | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dibromoethane (EDB)     | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Dibromomethane              | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dichlorobenzene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,3-Dichlorobenzene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,4-Dichlorobenzene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Dichlorodifluoromethane     | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethane          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dichloroethane          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethene          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| cis-1,2-Dichloroethene      | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| trans-1,2-Dichloroethene    | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,2-Dichloropropane         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,3-Dichloropropane         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 2,2-Dichloropropane         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| 1,1-Dichloropropene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| cis-1,3-Dichloropropene     | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| trans-1,3-Dichloropropene   | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Hexachlorobutadiene         | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Isopropylbenzene            | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| p-Isopropyltoluene          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Methylene chloride          | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| Naphthalene                 | ND | 2.0 | "     | " | "       | "        | "        | "         |  |
| n-Propylbenzene             | ND | 2.0 | "     | " | "       | "        | "        | "         |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-3-12'**  
**T501565-05 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|  |    |               |       |                 |          |          |          |           |  |
|--|----|---------------|-------|-----------------|----------|----------|----------|-----------|--|
| Styrene                                | ND | 2.0           | ug/kg | 1               | 5122817  | 12/28/05 | 12/28/05 | EPA 8260B |  |
| 1,1,2,2-Tetrachloroethane              | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,1,1,2-Tetrachloroethane              | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Tetrachloroethene                      | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,2,3-Trichlorobenzene                 | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,2,4-Trichlorobenzene                 | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,1,2-Trichloroethane                  | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,1,1-Trichloroethane                  | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Trichloroethene                        | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Trichlorofluoromethane                 | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,2,3-Trichloropropane                 | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,3,5-Trimethylbenzene                 | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| 1,2,4-Trimethylbenzene                 | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Vinyl chloride                         | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Benzene                                | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Toluene                                | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Ethylbenzene                           | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| m,p-Xylene                             | ND | 4.0           | "     | "               | "        | "        | "        | "         |  |
| o-Xylene                               | ND | 2.0           | "     | "               | "        | "        | "        | "         |  |
| Tert-amyl methyl ether                 | ND | 5.0           | "     | "               | "        | "        | "        | "         |  |
| Tert-butyl alcohol                     | ND | 20            | "     | "               | "        | "        | "        | "         |  |
| Di-isopropyl ether                     | ND | 5.0           | "     | "               | "        | "        | "        | "         |  |
| Ethyl tert-butyl ether                 | ND | 5.0           | "     | "               | "        | "        | "        | "         |  |
| Methyl tert-butyl ether                | ND | 5.0           | "     | "               | "        | "        | "        | "         |  |
| <i>Surrogate: Toluene-d8</i>           |    | <i>96.0 %</i> |       | <i>85.8-113</i> | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i>  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> |    | <i>95.0 %</i> |       | <i>73.5-115</i> | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i>  |  |
| <i>Surrogate: Dibromofluoromethane</i> |    | <i>114 %</i>  |       | <i>79-126</i>   | <i>"</i> | <i>"</i> | <i>"</i> | <i>"</i>  |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
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 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-3-GW3**  
**T501565-06 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Extractable Petroleum Hydrocarbons by 8015**

|                |    |       |      |   |         |          |          |           |  |
|----------------|----|-------|------|---|---------|----------|----------|-----------|--|
| C6-C12 (GRO)   | ND | 0.050 | mg/l | 1 | 5122823 | 12/28/05 | 12/29/05 | EPA 8015m |  |
| C13-C28 (DRO)  | ND | 0.050 | "    | " | "       | "        | "        | "         |  |
| C29-C40 (MORO) | ND | 0.10  | "    | " | "       | "        | "        | "         |  |

**Metals by EPA 6010B**

|               |            |    |      |   |         |          |          |           |  |
|---------------|------------|----|------|---|---------|----------|----------|-----------|--|
| Antimony      | ND         | 50 | ug/l | 1 | 5122819 | 12/28/05 | 12/29/05 | EPA 6010B |  |
| Silver        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Arsenic       | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| <b>Barium</b> | <b>150</b> | 50 | "    | " | "       | "        | "        | "         |  |
| Beryllium     | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Cadmium       | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Chromium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Cobalt        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Copper        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Lead          | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Molybdenum    | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Nickel        | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Selenium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Thallium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Vanadium      | ND         | 50 | "    | " | "       | "        | "        | "         |  |
| Zinc          | ND         | 50 | "    | " | "       | "        | "        | "         |  |

**Cold Vapor Extraction EPA 7470/7471**

|         |    |      |      |   |         |          |          |                    |  |
|---------|----|------|------|---|---------|----------|----------|--------------------|--|
| Mercury | ND | 0.50 | ug/l | 1 | 5122820 | 12/28/05 | 12/28/05 | EPA 7470A<br>Water |  |
|---------|----|------|------|---|---------|----------|----------|--------------------|--|

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John Shepler, Laboratory Director

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 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-3-GW3**  
**T501565-06 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|                             |    |      |      |   |         |          |          |           |  |
|-----------------------------|----|------|------|---|---------|----------|----------|-----------|--|
| Bromobenzene                | ND | 1.0  | ug/l | 1 | 5122824 | 12/28/05 | 12/28/05 | EPA 8260B |  |
| Bromochloromethane          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Bromodichloromethane        | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Bromoform                   | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Bromomethane                | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| n-Butylbenzene              | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| sec-Butylbenzene            | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| tert-Butylbenzene           | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Carbon tetrachloride        | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| Chlorobenzene               | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Chloroethane                | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Chloroform                  | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Chloromethane               | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 2-Chlorotoluene             | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 4-Chlorotoluene             | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Dibromochloromethane        | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dibromo-3-chloropropane | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dibromoethane (EDB)     | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Dibromomethane              | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dichlorobenzene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,3-Dichlorobenzene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,4-Dichlorobenzene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Dichlorodifluoromethane     | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethane          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dichloroethane          | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| 1,1-Dichloroethene          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| cis-1,2-Dichloroethene      | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| trans-1,2-Dichloroethene    | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,2-Dichloropropane         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,3-Dichloropropane         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 2,2-Dichloropropane         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| 1,1-Dichloropropene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| cis-1,3-Dichloropropene     | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| trans-1,3-Dichloropropene   | ND | 0.50 | "    | " | "       | "        | "        | "         |  |
| Hexachlorobutadiene         | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Isopropylbenzene            | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| p-Isopropyltoluene          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Methylene chloride          | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| Naphthalene                 | ND | 1.0  | "    | " | "       | "        | "        | "         |  |
| n-Propylbenzene             | ND | 1.0  | "    | " | "       | "        | "        | "         |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**SB-3-GW3**  
**T501565-06 (Water)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**SunStar Laboratories, Inc.**

**Volatile Organic Compounds by EPA Method 8260B**

|  |            |               |      |                 |         |          |          |           |          |
|--|------------|---------------|------|-----------------|---------|----------|----------|-----------|----------|
| Styrene                                | ND         | 1.0           | ug/l | 1               | 5122824 | 12/28/05 | 12/28/05 | EPA 8260B |          |
| 1,1,2,2-Tetrachloroethane              | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,1,1,2-Tetrachloroethane              | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| <b>Tetrachloroethene</b>               | <b>4.1</b> | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,2,3-Trichlorobenzene                 | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,2,4-Trichlorobenzene                 | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,1,2-Trichloroethane                  | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,1,1-Trichloroethane                  | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| <b>Trichloroethene</b>                 | <b>4.1</b> | 1.0           | "    | "               | "       | "        | "        | "         |          |
| Trichlorofluoromethane                 | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,2,3-Trichloropropane                 | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,3,5-Trimethylbenzene                 | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| 1,2,4-Trimethylbenzene                 | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| Vinyl chloride                         | ND         | 0.50          | "    | "               | "       | "        | "        | "         |          |
| Benzene                                | ND         | 0.50          | "    | "               | "       | "        | "        | "         |          |
| Toluene                                | ND         | 0.50          | "    | "               | "       | "        | "        | "         |          |
| Ethylbenzene                           | ND         | 0.50          | "    | "               | "       | "        | "        | "         |          |
| m,p-Xylene                             | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| o-Xylene                               | ND         | 0.50          | "    | "               | "       | "        | "        | "         |          |
| Tert-amyl methyl ether                 | ND         | 2.0           | "    | "               | "       | "        | "        | "         |          |
| Tert-butyl alcohol                     | ND         | 10            | "    | "               | "       | "        | "        | "         |          |
| Di-isopropyl ether                     | ND         | 2.0           | "    | "               | "       | "        | "        | "         |          |
| Ethyl tert-butyl ether                 | ND         | 2.0           | "    | "               | "       | "        | "        | "         |          |
| Methyl tert-butyl ether                | ND         | 1.0           | "    | "               | "       | "        | "        | "         |          |
| <i>Surrogate: Toluene-d8</i>           |            | <i>104 %</i>  |      | <i>87.6-115</i> |         | <i>"</i> | <i>"</i> | <i>"</i>  | <i>"</i> |
| <i>Surrogate: 4-Bromofluorobenzene</i> |            | <i>96.0 %</i> |      | <i>80-112</i>   |         | <i>"</i> | <i>"</i> | <i>"</i>  | <i>"</i> |
| <i>Surrogate: Dibromofluoromethane</i> |            | <i>117 %</i>  |      | <i>78.6-122</i> |         | <i>"</i> | <i>"</i> | <i>"</i>  | <i>"</i> |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Extractable Petroleum Hydrocarbons by 8015 - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122818 - EPA 3550B GC**

| <b>Blank (5122818-BLK1)</b>            |     | Prepared: 12/28/05 Analyzed: 12/29/05 |       |                                       |    |     |        |      |    |  |
|--|-----|---------------------------------------|-------|---------------------------------------|----|-----|--------|------|----|--|
| C6-C12 (GRO)                           | ND  | 10                                    | mg/kg |                                       |    |     |        |      |    |  |
| C13-C28 (DRO)                          | ND  | 10                                    | "     |                                       |    |     |        |      |    |  |
| C29-C40 (MORO)                         | ND  | 10                                    | "     |                                       |    |     |        |      |    |  |
| <b>LCS (5122818-BS1)</b>               |     | Prepared: 12/28/05 Analyzed: 12/29/05 |       |                                       |    |     |        |      |    |  |
| C13-C28 (DRO)                          | 510 | 10                                    | mg/kg | 500                                   |    | 102 | 75-125 |      |    |  |
| <b>Matrix Spike (5122818-MS1)</b>      |     | <b>Source: T501565-01</b>             |       | Prepared: 12/28/05 Analyzed: 12/29/05 |    |     |        |      |    |  |
| C13-C28 (DRO)                          | 530 | 10                                    | mg/kg | 500                                   | ND | 106 | 75-125 |      |    |  |
| <b>Matrix Spike Dup (5122818-MSD1)</b> |     | <b>Source: T501565-01</b>             |       | Prepared: 12/28/05 Analyzed: 12/29/05 |    |     |        |      |    |  |
| C13-C28 (DRO)                          | 550 | 10                                    | mg/kg | 500                                   | ND | 110 | 75-125 | 3.70 | 20 |  |

**Batch 5122823 - EPA 3510C GC**

| <b>Blank (5122823-BLK1)</b>            |      | Prepared: 12/28/05 Analyzed: 12/29/05 |      |                                       |    |     |        |      |    |  |
|--|------|---------------------------------------|------|---------------------------------------|----|-----|--------|------|----|--|
| C6-C12 (GRO)                           | ND   | 0.050                                 | mg/l |                                       |    |     |        |      |    |  |
| C13-C28 (DRO)                          | ND   | 0.050                                 | "    |                                       |    |     |        |      |    |  |
| C29-C40 (MORO)                         | ND   | 0.10                                  | "    |                                       |    |     |        |      |    |  |
| <b>LCS (5122823-BS1)</b>               |      | Prepared: 12/28/05 Analyzed: 12/29/05 |      |                                       |    |     |        |      |    |  |
| C13-C28 (DRO)                          | 22.8 | 0.050                                 | mg/l | 20.0                                  |    | 114 | 75-125 |      |    |  |
| <b>Matrix Spike (5122823-MS1)</b>      |      | <b>Source: T501565-02</b>             |      | Prepared: 12/28/05 Analyzed: 12/29/05 |    |     |        |      |    |  |
| C13-C28 (DRO)                          | 21.9 | 0.050                                 | mg/l | 20.0                                  | ND | 110 | 75-125 |      |    |  |
| <b>Matrix Spike Dup (5122823-MSD1)</b> |      | <b>Source: T501565-02</b>             |      | Prepared: 12/28/05 Analyzed: 12/29/05 |    |     |        |      |    |  |
| C13-C28 (DRO)                          | 21.9 | 0.050                                 | mg/l | 20.0                                  | ND | 110 | 75-125 | 0.00 | 20 |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Metals by EPA 6010B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122819 - EPA 3010A**

**Blank (5122819-BLK1)**

Prepared: 12/28/05 Analyzed: 12/29/05

|            |    |    |      |  |  |  |  |  |  |  |
|------------|----|----|------|--|--|--|--|--|--|--|
| Antimony   | ND | 50 | ug/l |  |  |  |  |  |  |  |
| Silver     | ND | 50 | "    |  |  |  |  |  |  |  |
| Arsenic    | ND | 50 | "    |  |  |  |  |  |  |  |
| Barium     | ND | 50 | "    |  |  |  |  |  |  |  |
| Beryllium  | ND | 50 | "    |  |  |  |  |  |  |  |
| Cadmium    | ND | 50 | "    |  |  |  |  |  |  |  |
| Chromium   | ND | 50 | "    |  |  |  |  |  |  |  |
| Cobalt     | ND | 50 | "    |  |  |  |  |  |  |  |
| Copper     | ND | 50 | "    |  |  |  |  |  |  |  |
| Lead       | ND | 50 | "    |  |  |  |  |  |  |  |
| Molybdenum | ND | 50 | "    |  |  |  |  |  |  |  |
| Nickel     | ND | 50 | "    |  |  |  |  |  |  |  |
| Selenium   | ND | 50 | "    |  |  |  |  |  |  |  |
| Thallium   | ND | 50 | "    |  |  |  |  |  |  |  |
| Vanadium   | ND | 50 | "    |  |  |  |  |  |  |  |
| Zinc       | ND | 50 | "    |  |  |  |  |  |  |  |

**LCS (5122819-BS1)**

Prepared: 12/28/05 Analyzed: 12/29/05

|          |      |    |      |      |  |      |        |  |  |  |
|----------|------|----|------|------|--|------|--------|--|--|--|
| Arsenic  | 1060 | 50 | ug/l | 1110 |  | 95.5 | 75-125 |  |  |  |
| Barium   | 1150 | 50 | "    | 1110 |  | 104  | 75-125 |  |  |  |
| Cadmium  | 1150 | 50 | "    | 1110 |  | 104  | 75-125 |  |  |  |
| Chromium | 1100 | 50 | "    | 1110 |  | 99.1 | 75-125 |  |  |  |
| Lead     | 1140 | 50 | "    | 1110 |  | 103  | 75-125 |  |  |  |

**Matrix Spike (5122819-MS1)**

Source: T501565-02

Prepared: 12/28/05 Analyzed: 12/29/05

|          |      |    |      |      |    |      |        |  |  |  |
|----------|------|----|------|------|----|------|--------|--|--|--|
| Arsenic  | 1180 | 50 | ug/l | 1110 | ND | 106  | 75-125 |  |  |  |
| Barium   | 1190 | 50 | "    | 1110 | 94 | 98.7 | 75-125 |  |  |  |
| Cadmium  | 1090 | 50 | "    | 1110 | ND | 98.2 | 75-125 |  |  |  |
| Chromium | 1030 | 50 | "    | 1110 | ND | 92.8 | 75-125 |  |  |  |
| Lead     | 998  | 50 | "    | 1110 | ND | 89.9 | 75-125 |  |  |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Metals by EPA 6010B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122819 - EPA 3010A**

| <b>Matrix Spike Dup (5122819-MSD1)</b> | <b>Source: T501565-02</b> |    |      | Prepared: 12/28/05 |    | Analyzed: 12/29/05 |        |       |    |  |
|--|---------------------------|----|------|--------------------|----|--------------------|--------|-------|----|--|
| Arsenic                                | 1150                      | 50 | ug/l | 1110               | ND | 104                | 75-125 | 2.58  | 20 |  |
| Barium                                 | 1210                      | 50 | "    | 1110               | 94 | 101                | 75-125 | 1.67  | 20 |  |
| Cadmium                                | 1110                      | 50 | "    | 1110               | ND | 100                | 75-125 | 1.82  | 20 |  |
| Chromium                               | 1020                      | 50 | "    | 1110               | ND | 91.9               | 75-125 | 0.976 | 20 |  |
| Lead                                   | 983                       | 50 | "    | 1110               | ND | 88.6               | 75-125 | 1.51  | 20 |  |

**Batch 5122822 - EPA 3051**

| <b>Blank (5122822-BLK1)</b> | Prepared: 12/28/05 Analyzed: 12/29/05 |     |       |  |  |  |  |  |  |  |
|-----------------------------|---------------------------------------|-----|-------|--|--|--|--|--|--|--|
| Antimony                    | ND                                    | 3.0 | mg/kg |  |  |  |  |  |  |  |
| Silver                      | ND                                    | 2.0 | "     |  |  |  |  |  |  |  |
| Arsenic                     | ND                                    | 5.0 | "     |  |  |  |  |  |  |  |
| Barium                      | ND                                    | 1.0 | "     |  |  |  |  |  |  |  |
| Beryllium                   | ND                                    | 1.0 | "     |  |  |  |  |  |  |  |
| Cadmium                     | ND                                    | 2.0 | "     |  |  |  |  |  |  |  |
| Chromium                    | ND                                    | 2.0 | "     |  |  |  |  |  |  |  |
| Cobalt                      | ND                                    | 2.0 | "     |  |  |  |  |  |  |  |
| Copper                      | ND                                    | 1.0 | "     |  |  |  |  |  |  |  |
| Lead                        | ND                                    | 3.0 | "     |  |  |  |  |  |  |  |
| Molybdenum                  | ND                                    | 1.0 | "     |  |  |  |  |  |  |  |
| Nickel                      | ND                                    | 2.0 | "     |  |  |  |  |  |  |  |
| Selenium                    | ND                                    | 5.0 | "     |  |  |  |  |  |  |  |
| Thallium                    | ND                                    | 2.0 | "     |  |  |  |  |  |  |  |
| Vanadium                    | ND                                    | 5.0 | "     |  |  |  |  |  |  |  |
| Zinc                        | ND                                    | 1.0 | "     |  |  |  |  |  |  |  |

| <b>Matrix Spike (5122822-MS1)</b> | <b>Source: T501565-01</b> |     |       | Prepared: 12/28/05 |      | Analyzed: 12/29/05 |        |  |  |  |
|-----------------------------------|---------------------------|-----|-------|--------------------|------|--------------------|--------|--|--|--|
| Arsenic                           | 103                       | 5.0 | mg/kg | 100                | ND   | 103                | 75-125 |  |  |  |
| Barium                            | 175                       | 1.0 | "     | 100                | 70   | 105                | 75-125 |  |  |  |
| Cadmium                           | 108                       | 2.0 | "     | 100                | 0.40 | 108                | 75-125 |  |  |  |
| Chromium                          | 157                       | 2.0 | "     | 100                | 63   | 94.0               | 75-125 |  |  |  |
| Lead                              | 109                       | 3.0 | "     | 100                | 1.7  | 107                | 75-125 |  |  |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
10860 Gold Center Drive #200  
Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

**Metals by EPA 6010B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122822 - EPA 3051**

| <b>Matrix Spike Dup (5122822-MSD1)</b> | <b>Source: T501565-01</b> |     |       | Prepared: 12/28/05 | Analyzed: 12/29/05 |     |        |       |    |
|--|---------------------------|-----|-------|--------------------|--------------------|-----|--------|-------|----|
| Arsenic                                | 101                       | 5.0 | mg/kg | 100                | ND                 | 101 | 75-125 | 1.96  | 20 |
| Barium                                 | 177                       | 1.0 | "     | 100                | 70                 | 107 | 75-125 | 1.14  | 20 |
| Cadmium                                | 107                       | 2.0 | "     | 100                | 0.40               | 107 | 75-125 | 0.930 | 20 |
| Chromium                               | 171                       | 2.0 | "     | 100                | 63                 | 108 | 75-125 | 8.54  | 20 |
| Lead                                   | 110                       | 3.0 | "     | 100                | 1.7                | 108 | 75-125 | 0.913 | 20 |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Cold Vapor Extraction EPA 7470/7471 - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122820 - EPA 7470A Water**

|  |      |      |      |  |    |      |        |      |    |  |
|--|------|------|------|--|----|------|--------|------|----|--|
| <b>Blank (5122820-BLK1)</b>            |      |      |      | Prepared & Analyzed: 12/28/05                    |    |      |        |      |    |  |
| Mercury                                | ND   | 0.50 | ug/l |  |    |      |        |      |    |  |
| <b>LCS (5122820-BS1)</b>               |      |      |      | Prepared & Analyzed: 12/28/05                    |    |      |        |      |    |  |
| Mercury                                | 9.50 | 0.50 | ug/l | 10.3   |    | 92.2 | 75-125 |      |    |  |
| <b>Matrix Spike (5122820-MS1)</b>      |      |      |      | Source: T501565-02 Prepared & Analyzed: 12/28/05 |    |      |        |      |    |  |
| Mercury                                | 10.0 | 0.50 | ug/l | 10.3   | ND | 97.1 | 75-125 |      |    |  |
| <b>Matrix Spike Dup (5122820-MSD1)</b> |      |      |      | Source: T501565-02 Prepared & Analyzed: 12/28/05 |    |      |        |      |    |  |
| Mercury                                | 9.69 | 0.50 | ug/l | 10.3   | ND | 94.1 | 75-125 | 3.15 | 20 |  |

**Batch 5122821 - EPA 7471A Soil**

|  |      |      |       |  |       |      |        |      |    |  |
|--|------|------|-------|--|-------|------|--------|------|----|--|
| <b>Blank (5122821-BLK1)</b>            |      |      |       | Prepared: 12/28/05 Analyzed: 12/30/05                    |       |      |        |      |    |  |
| Mercury                                | ND   | 0.10 | mg/kg |  |       |      |        |      |    |  |
| <b>LCS (5122821-BS1)</b>               |      |      |       | Prepared: 12/28/05 Analyzed: 12/30/05                    |       |      |        |      |    |  |
| Mercury                                | 2.05 | 0.10 | mg/kg | 2.00   |       | 102  | 80-120 |      |    |  |
| <b>Matrix Spike (5122821-MS1)</b>      |      |      |       | Source: T501565-01 Prepared: 12/28/05 Analyzed: 12/30/05 |       |      |        |      |    |  |
| Mercury                                | 1.97 | 0.10 | mg/kg | 2.00   | 0.038 | 96.6 | 75-125 |      |    |  |
| <b>Matrix Spike Dup (5122821-MSD1)</b> |      |      |       | Source: T501565-01 Prepared: 12/28/05 Analyzed: 12/30/05 |       |      |        |      |    |  |
| Mercury                                | 1.91 | 0.10 | mg/kg | 2.00   | 0.038 | 93.6 | 75-125 | 3.09 | 20 |  |

SunStar Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122817 - EPA 5030 GCMS**

**Blank (5122817-BLK1)**

Prepared & Analyzed: 12/28/05

|  |      |     |       |     |  |      |          |  |  |  |
|--|------|-----|-------|-----|--|------|----------|--|--|--|
| <i>Surrogate: Toluene-d8</i>           | 97.0 |     | ug/kg | 100 |  | 97.0 | 85.8-113 |  |  |  |
| <i>Surrogate: 4-Bromofluorobenzene</i> | 95.6 |     | "     | 100 |  | 95.6 | 73.5-115 |  |  |  |
| <i>Surrogate: Dibromofluoromethane</i> | 104  |     | "     | 100 |  | 104  | 79-126   |  |  |  |
| Bromobenzene                           | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Bromochloromethane                     | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Bromodichloromethane                   | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Bromoform                              | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Bromomethane                           | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| n-Butylbenzene                         | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| sec-Butylbenzene                       | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| tert-Butylbenzene                      | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Carbon tetrachloride                   | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Chlorobenzene                          | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Chloroethane                           | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Chloroform                             | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Chloromethane                          | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 2-Chlorotoluene                        | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 4-Chlorotoluene                        | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Dibromochloromethane                   | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,2-Dibromo-3-chloropropane            | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,2-Dibromoethane (EDB)                | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Dibromomethane                         | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,2-Dichlorobenzene                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,3-Dichlorobenzene                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,4-Dichlorobenzene                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Dichlorodifluoromethane                | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,1-Dichloroethane                     | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,2-Dichloroethane                     | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,1-Dichloroethene                     | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| cis-1,2-Dichloroethene                 | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| trans-1,2-Dichloroethene               | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,2-Dichloropropane                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,3-Dichloropropane                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 2,2-Dichloropropane                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| 1,1-Dichloropropene                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| cis-1,3-Dichloropropene                | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| trans-1,3-Dichloropropene              | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Hexachlorobutadiene                    | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Isopropylbenzene                       | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| p-Isopropyltoluene                     | ND   | 2.0 | "     |     |  |      |          |  |  |  |
| Methylene chloride                     | ND   | 2.0 | "     |     |  |      |          |  |  |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122817 - EPA 5030 GCMS**

**Blank (5122817-BLK1)**

Prepared & Analyzed: 12/28/05

|                           |    |     |       |  |  |  |  |  |  |  |
|---------------------------|----|-----|-------|--|--|--|--|--|--|--|
| Naphthalene               | ND | 2.0 | ug/kg |  |  |  |  |  |  |  |
| n-Propylbenzene           | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Styrene                   | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,1,1,2-Tetrachloroethane | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Tetrachloroethene         | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene    | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene    | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane     | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane     | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Trichloroethene           | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Trichlorofluoromethane    | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane    | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene    | ND | 2.0 | "     |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene    | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Vinyl chloride            | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Benzene                   | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Toluene                   | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Ethylbenzene              | ND | 2.0 | "     |  |  |  |  |  |  |  |
| m,p-Xylene                | ND | 4.0 | "     |  |  |  |  |  |  |  |
| o-Xylene                  | ND | 2.0 | "     |  |  |  |  |  |  |  |
| Tert-amyl methyl ether    | ND | 5.0 | "     |  |  |  |  |  |  |  |
| Tert-butyl alcohol        | ND | 20  | "     |  |  |  |  |  |  |  |
| Di-isopropyl ether        | ND | 5.0 | "     |  |  |  |  |  |  |  |
| Ethyl tert-butyl ether    | ND | 5.0 | "     |  |  |  |  |  |  |  |
| Methyl tert-butyl ether   | ND | 5.0 | "     |  |  |  |  |  |  |  |

**LCS (5122817-BS1)**

Prepared & Analyzed: 12/28/05

|                                 |      |     |       |     |      |          |
|---------------------------------|------|-----|-------|-----|------|----------|
| Surrogate: Toluene-d8           | 102  |     | ug/kg | 100 | 102  | 85.8-113 |
| Surrogate: 4-Bromofluorobenzene | 99.5 |     | "     | 100 | 99.5 | 73.5-115 |
| Surrogate: Dibromofluoromethane | 117  |     | "     | 100 | 117  | 79-126   |
| Chlorobenzene                   | 241  | 2.0 | "     | 250 | 96.4 | 75-125   |
| 1,1-Dichloroethene              | 268  | 2.0 | "     | 250 | 107  | 75-125   |
| Trichloroethene                 | 289  | 2.0 | "     | 250 | 116  | 75-125   |
| Benzene                         | 296  | 2.0 | "     | 250 | 118  | 75-125   |
| Toluene                         | 272  | 2.0 | "     | 250 | 109  | 75-125   |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122817 - EPA 5030 GCMS**

**Matrix Spike (5122817-MS1)**

**Source: T501565-01**

Prepared & Analyzed: 12/28/05

|                                 |      |     |       |     |    |      |          |  |  |  |
|---------------------------------|------|-----|-------|-----|----|------|----------|--|--|--|
| Surrogate: Toluene-d8           | 103  |     | ug/kg | 100 |    | 103  | 85.8-113 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 95.4 |     | "     | 100 |    | 95.4 | 73.5-115 |  |  |  |
| Surrogate: Dibromofluoromethane | 118  |     | "     | 100 |    | 118  | 79-126   |  |  |  |
| Chlorobenzene                   | 194  | 2.0 | "     | 250 | ND | 77.6 | 75-125   |  |  |  |
| 1,1-Dichloroethene              | 233  | 2.0 | "     | 250 | ND | 93.2 | 75-125   |  |  |  |
| Trichloroethene                 | 235  | 2.0 | "     | 250 | ND | 94.0 | 75-125   |  |  |  |
| Benzene                         | 252  | 2.0 | "     | 250 | ND | 101  | 75-125   |  |  |  |
| Toluene                         | 221  | 2.0 | "     | 250 | ND | 88.4 | 75-125   |  |  |  |

**Matrix Spike Dup (5122817-MSD1)**

**Source: T501565-01**

Prepared & Analyzed: 12/28/05

|                                 |      |     |       |     |    |      |          |      |    |  |
|---------------------------------|------|-----|-------|-----|----|------|----------|------|----|--|
| Surrogate: Toluene-d8           | 100  |     | ug/kg | 100 |    | 100  | 85.8-113 |      |    |  |
| Surrogate: 4-Bromofluorobenzene | 96.5 |     | "     | 100 |    | 96.5 | 73.5-115 |      |    |  |
| Surrogate: Dibromofluoromethane | 115  |     | "     | 100 |    | 115  | 79-126   |      |    |  |
| Chlorobenzene                   | 189  | 2.0 | "     | 250 | ND | 75.6 | 75-125   | 2.61 | 20 |  |
| 1,1-Dichloroethene              | 228  | 2.0 | "     | 250 | ND | 91.2 | 75-125   | 2.17 | 20 |  |
| Trichloroethene                 | 216  | 2.0 | "     | 250 | ND | 86.4 | 75-125   | 8.43 | 20 |  |
| Benzene                         | 229  | 2.0 | "     | 250 | ND | 91.6 | 75-125   | 9.56 | 20 |  |
| Toluene                         | 191  | 2.0 | "     | 250 | ND | 76.4 | 75-125   | 14.6 | 20 |  |

**Batch 5122824 - EPA 5030 GCMS**

**Blank (5122824-BLK1)**

Prepared & Analyzed: 12/28/05

|                                 |      |      |      |      |  |      |          |  |  |  |
|---------------------------------|------|------|------|------|--|------|----------|--|--|--|
| Surrogate: Toluene-d8           | 39.7 |      | ug/l | 40.0 |  | 99.2 | 87.6-115 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 41.3 |      | "    | 40.0 |  | 103  | 80-112   |  |  |  |
| Surrogate: Dibromofluoromethane | 43.0 |      | "    | 40.0 |  | 108  | 78.6-122 |  |  |  |
| Bromobenzene                    | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Bromochloromethane              | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Bromodichloromethane            | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Bromoform                       | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Bromomethane                    | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| n-Butylbenzene                  | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| sec-Butylbenzene                | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| tert-Butylbenzene               | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Carbon tetrachloride            | ND   | 0.50 | "    |      |  |      |          |  |  |  |
| Chlorobenzene                   | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Chloroethane                    | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Chloroform                      | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Chloromethane                   | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| 2-Chlorotoluene                 | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| 4-Chlorotoluene                 | ND   | 1.0  | "    |      |  |      |          |  |  |  |
| Dibromochloromethane            | ND   | 1.0  | "    |      |  |      |          |  |  |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122824 - EPA 5030 GCMS**

**Blank (5122824-BLK1)**

Prepared & Analyzed: 12/28/05

|                             |    |      |      |  |  |  |  |  |  |  |
|-----------------------------|----|------|------|--|--|--|--|--|--|--|
| 1,2-Dibromo-3-chloropropane | ND | 1.0  | ug/l |  |  |  |  |  |  |  |
| 1,2-Dibromoethane (EDB)     | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Dibromomethane              | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,2-Dichlorobenzene         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,3-Dichlorobenzene         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,4-Dichlorobenzene         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Dichlorodifluoromethane     | ND | 0.50 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethane          | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,2-Dichloroethane          | ND | 0.50 | "    |  |  |  |  |  |  |  |
| 1,1-Dichloroethene          | ND | 1.0  | "    |  |  |  |  |  |  |  |
| cis-1,2-Dichloroethene      | ND | 1.0  | "    |  |  |  |  |  |  |  |
| trans-1,2-Dichloroethene    | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,2-Dichloropropane         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,3-Dichloropropane         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 2,2-Dichloropropane         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,1-Dichloropropene         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| cis-1,3-Dichloropropene     | ND | 0.50 | "    |  |  |  |  |  |  |  |
| trans-1,3-Dichloropropene   | ND | 0.50 | "    |  |  |  |  |  |  |  |
| Hexachlorobutadiene         | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Isopropylbenzene            | ND | 1.0  | "    |  |  |  |  |  |  |  |
| p-Isopropyltoluene          | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Methylene chloride          | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Naphthalene                 | ND | 1.0  | "    |  |  |  |  |  |  |  |
| n-Propylbenzene             | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Styrene                     | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,1,2,2-Tetrachloroethane   | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,1,1,2-Tetrachloroethane   | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Tetrachloroethene           | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichlorobenzene      | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,2,4-Trichlorobenzene      | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,1,2-Trichloroethane       | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,1,1-Trichloroethane       | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Trichloroethene             | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Trichlorofluoromethane      | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,2,3-Trichloropropane      | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,3,5-Trimethylbenzene      | ND | 1.0  | "    |  |  |  |  |  |  |  |
| 1,2,4-Trimethylbenzene      | ND | 1.0  | "    |  |  |  |  |  |  |  |
| Vinyl chloride              | ND | 0.50 | "    |  |  |  |  |  |  |  |
| Benzene                     | ND | 0.50 | "    |  |  |  |  |  |  |  |
| Toluene                     | ND | 0.50 | "    |  |  |  |  |  |  |  |
| Ethylbenzene                | ND | 0.50 | "    |  |  |  |  |  |  |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
 10860 Gold Center Drive #200  
 Rancho Cordova CA, 95670

Project: Jackson Towers  
 Project Number: [none]  
 Project Manager: David Foley

**Reported:**  
 12/30/05 10:24

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122824 - EPA 5030 GCMS**

**Blank (5122824-BLK1)**

Prepared & Analyzed: 12/28/05

|                         |    |      |      |  |  |  |  |  |  |  |
|-------------------------|----|------|------|--|--|--|--|--|--|--|
| m,p-Xylene              | ND | 1.0  | ug/l |  |  |  |  |  |  |  |
| o-Xylene                | ND | 0.50 | "    |  |  |  |  |  |  |  |
| Tert-amyl methyl ether  | ND | 2.0  | "    |  |  |  |  |  |  |  |
| Tert-butyl alcohol      | ND | 10   | "    |  |  |  |  |  |  |  |
| Di-isopropyl ether      | ND | 2.0  | "    |  |  |  |  |  |  |  |
| Ethyl tert-butyl ether  | ND | 2.0  | "    |  |  |  |  |  |  |  |
| Methyl tert-butyl ether | ND | 1.0  | "    |  |  |  |  |  |  |  |

**LCS (5122824-BS1)**

Prepared & Analyzed: 12/28/05

|                                 |      |      |      |      |  |      |          |  |  |  |
|---------------------------------|------|------|------|------|--|------|----------|--|--|--|
| Surrogate: Toluene-d8           | 39.4 |      | ug/l | 40.0 |  | 98.5 | 87.6-115 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 39.9 |      | "    | 40.0 |  | 99.8 | 80-112   |  |  |  |
| Surrogate: Dibromofluoromethane | 45.3 |      | "    | 40.0 |  | 113  | 78.6-122 |  |  |  |
| Chlorobenzene                   | 117  | 1.0  | "    | 100  |  | 117  | 75-125   |  |  |  |
| 1,1-Dichloroethene              | 95.7 | 1.0  | "    | 100  |  | 95.7 | 75-125   |  |  |  |
| Trichloroethene                 | 114  | 1.0  | "    | 100  |  | 114  | 75-125   |  |  |  |
| Benzene                         | 109  | 0.50 | "    | 100  |  | 109  | 75-125   |  |  |  |
| Toluene                         | 97.4 | 0.50 | "    | 100  |  | 97.4 | 75-125   |  |  |  |

**Matrix Spike (5122824-MS1)**

Source: T501565-02

Prepared & Analyzed: 12/28/05

|                                 |      |      |      |      |    |      |          |  |  |  |
|---------------------------------|------|------|------|------|----|------|----------|--|--|--|
| Surrogate: Toluene-d8           | 40.1 |      | ug/l | 40.0 |    | 100  | 87.6-115 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 39.5 |      | "    | 40.0 |    | 98.8 | 80-112   |  |  |  |
| Surrogate: Dibromofluoromethane | 47.7 |      | "    | 40.0 |    | 119  | 78.6-122 |  |  |  |
| Chlorobenzene                   | 116  | 1.0  | "    | 100  | ND | 116  | 75-125   |  |  |  |
| 1,1-Dichloroethene              | 107  | 1.0  | "    | 100  | ND | 107  | 75-125   |  |  |  |
| Trichloroethene                 | 102  | 1.0  | "    | 100  | ND | 102  | 75-125   |  |  |  |
| Benzene                         | 112  | 0.50 | "    | 100  | ND | 112  | 75-125   |  |  |  |
| Toluene                         | 93.4 | 0.50 | "    | 100  | ND | 93.4 | 75-125   |  |  |  |

SunStar Laboratories, Inc.

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
10860 Gold Center Drive #200  
Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

**Volatile Organic Compounds by EPA Method 8260B - Quality Control**  
**SunStar Laboratories, Inc.**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

**Batch 5122824 - EPA 5030 GCMS**

**Matrix Spike Dup (5122824-MSD1)**

**Source: T501565-02**

Prepared & Analyzed: 12/28/05

|                                 |      |      |      |      |    |      |          |      |    |  |
|---------------------------------|------|------|------|------|----|------|----------|------|----|--|
| Surrogate: Toluene-d8           | 39.9 |      | ug/l | 40.0 |    | 99.8 | 87.6-115 |      |    |  |
| Surrogate: 4-Bromofluorobenzene | 39.0 |      | "    | 40.0 |    | 97.5 | 80-112   |      |    |  |
| Surrogate: Dibromofluoromethane | 46.2 |      | "    | 40.0 |    | 116  | 78.6-122 |      |    |  |
| Chlorobenzene                   | 118  | 1.0  | "    | 100  | ND | 118  | 75-125   | 1.71 | 20 |  |
| 1,1-Dichloroethene              | 109  | 1.0  | "    | 100  | ND | 109  | 75-125   | 1.85 | 20 |  |
| Trichloroethene                 | 104  | 1.0  | "    | 100  | ND | 104  | 75-125   | 1.94 | 20 |  |
| Benzene                         | 114  | 0.50 | "    | 100  | ND | 114  | 75-125   | 1.77 | 20 |  |
| Toluene                         | 108  | 0.50 | "    | 100  | ND | 108  | 75-125   | 14.5 | 20 |  |

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John Shepler, Laboratory Director

Tetra Tech -- Sacramento  
10860 Gold Center Drive #200  
Rancho Cordova CA, 95670

Project: Jackson Towers  
Project Number: [none]  
Project Manager: David Foley

**Reported:**  
12/30/05 10:24

### Notes and Definitions

DET Analyte DETECTED  
ND Analyte NOT DETECTED at or above the reporting limit  
NR Not Reported  
dry Sample results reported on a dry weight basis  
RPD Relative Percent Difference

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John Shepler, Laboratory Director

