# TARGHEE, INC.

ENVIRONMENTAL CONSULTING

April 18, 2005

Mr. Arman Tourmari
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, California 90013

Re: Groundwater Monitoring Report-March 2005
2520 Temple Street
Los Angeles, California 90026
UST File No. 90026-0252

Dear Mr. Tourmari:

Targhee, Incorporated, on behalf of the Sholkoff Family Trust, is pleased to provide you with the following Groundwater Investigation Report- March 2005, prepared for the above-referenced site.

Please contact the undersigned if you have any questions or comments regarding this report.

Sincerely,

Debra Bechtold
Registered Environmental Assessor II
No. 20172

J.C. Williams
CA Professional Geologist No. 6895

PROFESSIONAL GEOLOGIST
J.C. WILLIAMS
No. 6895
Exp 9/30/07
STATE OF CALIFORNIA

cc: Mr. Jack Sholkoff
Holland & Knight LLP
633 West Fifth Street, 21st Floor
Los Angeles, California 90071-2040

110 Pine Avenue, Suite 925 • Long Beach, CA 90802-4455 • (562) 435-8080 FAX (562) 590-8795
www.targheeinc.com

# QUARTERLY GROUNDWATER MONITORING REPORT
# MARCH 2005

2520 Temple Street
Los Angeles, California 90026
File No. 90026-0252

April 19, 2005

Submitted by:

Targhee, Incorporated
110 Pine Avenue, Suite 925
Long Beach, California 90802
(562) 435-8080
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## TABLE OF CONTENTS


| | Page |
|---|---|
| INTRODUCTION | 1 |
| SITE INFORMATION | 1 |
| BACKGROUND | 1 |
| CHANGES IN GROUNDWATER SAMPLING PROGRAM | 2 |
| GROUNDWATER SAMPLING | 2 |
| DEPTH TO GROUNDWATER AND FLOW DIRECTION | 3 |
| GROUNDWATER ANALYTICAL RESULTS | 3 |
| WASTE DISPOSAL | 4 |
| DISCUSSION OF RESULTS | 5 |
| CONCLUSIONS AND RECOMMENDATIONS | 6 |

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| | |
|---|---|
| Site Plot Plan | Attachment A |
| Well Sampling Data Logs | Attachment B |
| Groundwater Conditions | Attachment C |
| Groundwater Laboratory Analysis | Attachment D |
| Isoconcentration Maps: TPHg, Benzene, MTBE | Attachment E |
| Non-Hazardous Waste Manifests | Attachment F |

TARGHEE, INC.
ENVIRONMENTAL CONSULTING

# QUARTERLY GROUNDWATER MONITORING REPORT - MARCH 2005

**2520 Temple street**
**Los Angeles, California 90026**
**File No. 90026-0252**

## INTRODUCTION

This report details Targhee, Incorporated's activities and findings with respect to the property located at 2520 Temple Street, Los Angeles, California 90026 (Attachment A - Site Plot Plan).

## SITE INFORMATION

The subject site is currently utilized as an auto repair facility. A gasoline service station was operated at the site until 1998. Groundwater sampling has occurred at this site since January 2000.

## BACKGROUND

Soil and groundwater contamination resulting from leaking underground storage tanks, fuel dispensers and piping was discovered at the site in 1991 during the installation of leak detection monitoring wells. The underground storage tanks were removed in 1998. Investigations conducted by others delineated two areas of petroleum hydrocarbon-impacted soil. Two groundwater plumes were also characterized. Petroleum hydrocarbons have been identified in the groundwater downgradient of the former tank location, on the east side of the property and a second plume is present on the west side of the property, in the area of the former dispenser islands.

The east groundwater plume is differentiated from the west due to elevated Methyl Tertiary Butyl Ether ("MTBE") and the absence of benzene. The west groundwater plume has an elevated benzene concentration and a minor MTBE concentration.

During soil excavation activities conducted in 2004, five slurry filled underground storage tanks were encountered on the west side of the property. Four of these tanks were removed during the soil excavation process. The fifth tank is partially covered by the sidewalk and was not removed.

Please refer to previous reports prepared by Applied Environmental Technologies ("AET") for detailed descriptions of the investigations conducted through the end of 2004. All of the AET reports are on file with the CRWQCB.

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The CRWQCB ranks leaking underground storage tank sites based on benzene and MTBE concentrations and distance to downgradient receptors. The subject site has been ranked as a low priority site by the CRWQCB because there are no downgradient receptors within two miles, the concentrations of benzene and MTBE are decreasing, and the plumes have only marginally migrated off site to the southwest.

In late January 2005, Targhee was selected by the landowner to conduct quarterly groundwater monitoring at this property and to expedite the "closure" of this investigation using two models developed by the CRWQCB for use with low priority sites. The models are used to estimate the time which the benzene concentration will naturally attenuate to regulatory standards, and to estimate the length of time and concentration of MTBE when it reaches the nearest downgradient receptor.

## CHANGES IN MONITORING PROGRAM

During the removal of petroleum hydrocarbon-impacted soil, several of the existing monitoring wells were taken out of service. The wells no longer present at the site are MW-1, MW-3, MW-4, MW-6, MW-7, MW-8 and LD-2. Plans have not been made to replace these wells based on the data collected to date.

Monitoring wells MW-9, MW-10 and MW-11 could not be located during the recent sampling event.

On March 17, 2005, Targhee monitored and sampled wells MW-2, MW-5, MW-12, MW-15, MW-16, MW-17 and LD-3.

## GROUNDWATER SAMPLING

Groundwater samples were obtained from each of the seven wells on March 17, 2005. During the purging of each well, measurements of pH, temperature, conductance and turbidity were obtained. Copies of the well sampling data logs are provided as Attachment B.

Once the measurements stabilized to within 10% of the previous readings over a groundwater withdrawal period of three-to-five well volumes, the groundwater samples were collected. Each groundwater sample was obtained using a dedicated disposable PVC bailer. The groundwater samples were collected into sample containers appropriate for the analytical methods requested. The samples were immediately transferred to an iced cooler. Standard sample handling

procedures and chain-of-custody documentation were maintained on all groundwater samples.

## DEPTH TO GROUNDWATER AND FLOW DIRECTION

On March 17, 2005, groundwater at the site was encountered at approximate depths of 6 to 10 feet below ground surface ("bgs"). The elevations (in feet above mean sea level) of the surface casings and static groundwater levels at each of the wells prior to the groundwater sampling event are as follows:

| Well No. | Casing Elevation | Depth to GW | GW Elevation |
|---|---|---|---|
| MW-2 | 328.73 | 9.935 | 318.795 |
| MW-5 | 328.58 | 10.285 | 318.295 |
| MW-12 | 324.91 | 6.12 | 318.79 |
| MW-15 | 327.69 | Not Measured | |
| MW-16 | 328.48 | 9.58 | 318.90 |
| MW-17 | 327.45 | 7.55 | 319.90 |
| LD-3 | 329.00 | Not Measured | |

Based on the survey data, the groundwater is flowing southwest at a gradient of 0.0098 feet/foot (Attachment C - Groundwater Conditions).

## GROUNDWATER ANALYTICAL RESULTS

The groundwater samples collected on March 17, 2005 were analyzed for Total Volatile Petroleum Hydrocarbons ("TVPH") using EPA Method 8015m for gasoline; and Volatile Organic Compounds ("VOCs") including Benzene, Toluene, Ethylbenzene, Xylenes ("BTEX") and Methyl Tertiary Butyl Ether ("MTBE") with other oxygenates using EPA Method 8260B. The groundwater samples were also analyzed for the natural attenuation parameters of oxidation reduction potential, nitrate, sulfate, ferrous iron, carbon dioxide, methane and dissolved oxygen. The results of the groundwater sample analysis are provided in the tables below. None detectable concentrations are identified as "ND".

**Groundwater Sample Results (μg/L)**
**March 17, 2005**

| Well No. | TVPH | B | T | E | X | MTBE | TBA |
|---|---|---|---|---|---|---|---|
| MW-2 | 146 | 1.6 | ND | ND | ND | 112 | ND |
| MW-5 | 168 | 20.9 | ND | ND | ND | 16.6 | 9.2 |
| MW-12 | ND | ND | ND | ND | ND | ND | ND |
| MW-15 | ND | 1.1 | ND | ND | ND | 18.1 | ND |
| MW-16 | ND | ND | ND | ND | ND | ND | ND |
| MW-17 | ND | ND | ND | ND | ND | ND | ND |
| LD-3 | ND | ND | ND | ND | 14.2 | 110 | 65.1 |

Monitoring well MW-5 contained tetrachloroethene at a concentration of 1.1 μg/L.

**Natural Attenuation Parameter Results**
**March 17, 2005**

| Well No. | ORP | DO | N | S | pH | Fe | $CH_4$ | $CO_2$ |
|---|---|---|---|---|---|---|---|---|
| MW-2 | -48.6 | 1.39 | 5.44 | 328 | 6.81 | ND | 312 | 43,000 |
| MW-5 | -50.2 | 1.56 | 10.7 | 439 | 6.82 | ND | 120 | 34,900 |
| MW-12 | -5.20 | 2.02 | 14.0 | 415 | 6.78 | ND | 2.08 | 27,100 |
| MW-15 | -35.8 | 1.59 | 14.0 | 468 | 6.76 | ND | 7.55 | 31,300 |
| MW-16 | 12.3 | 1.60 | 14.4 | 501 | 6.78 | ND | 6.98 | 29,000 |
| MW-17 | -3.4 | 2.04 | 15.7 | 408 | 6.82 | ND | ND | 29,200 |
| LD-3 | -36.2 | 1.23 | 10.7 | 381 | 6.83 | ND | 7.83 | 26,700 |

ORP Oxidation Redox Potential, EPA Method SM2580B (mv)
DO Dissolved Oxygen, EPA Method 360.1 (mg/l)
N Nitrate, EPA Method 352.1 (mg/l)
S Sulfate, EPA Method 375.4 (mg/l)
Fe Ferrous Iron, EPA Method SM3500-FE-D (mg/l)
$CH_4$ Methane, EPA Method RSKSOP-175 (μg/L)
$CO_2$ Carbon Dioxide, EPA Method RSKOP-175 (μg/L)

American Scientific Laboratories, California DHS ELAP #2200, performed the soil and groundwater analyses. The laboratory reports are included as Attachment D.

Isoconcentration maps for TPHg, Benzene and MTBE are provided in Attachment E.

## WASTE DISPOSAL

Purge water was placed in three 55-gallon drums and transported by General Environmental Management of Rancho Cucamonga, California

to K-Pure, 8910 Rochester Avenue, Rancho Cucamonga, California 91730 for recycling. The appropriate non-hazardous waste manifest was completed and is included as Attachment E.

## DISCUSSION OF RESULTS

Historically, monitoring wells LD-2, MW-6, MW-11, MW-12 and MW-17 have identified no detectable concentrations of TPHg, BTEX or MTBE. Wells LD-2, MW-6 and MW-11 have been destroyed or could not be located.

Wells LD-3, MW-1, MW-4, MW-7, MW-8, MW-9, MW-10, MW-15 and MW-16 have had minor concentrations of TPHg, BTEX or MTBE which, over time, have decreased to none detectable concentrations or concentrations below regulatory action levels. Wells MW-1, MW-4, MW-7, MW-8 and MW-9 have been destroyed or could not be located.

The concentration of benzene identified in well MW-5 at 20.9 µg/L exceeds the Maximum Contaminant Level ("MCL") of 1 µg/L established by the California Code of Regulations, Title 22, Section 5.5, Article 64444. The benzene concentrations in groundwater samples MW-2 and MW-15 of 1.6 and 1.1 µg/L, respectively, are only slightly higher than the MCL of 1.0 µg/L.

Xylenes were identified in groundwater sample LD-3 at a concentration of 14.2 µg/L which is well below the MCL of 1,750 µg/L.

In December 2000, MTBE was identified in sample MW-3 at 16,300 µg/L which decreased to 69.7 µg/L in May 2004, a 99% reduction. This well was destroyed during soil excavation activities in 2004. Wells LD-3 and MW-2 are downgradient of MW-3 and are being monitored in lieu of MW-3.

The highest MTBE concentrations encountered in wells LD-3 and MW-2 were 5,650 (March 2001) and 2,200 (July 2000) µg/L, respectively. These concentrations have decreased to 110 and 112 µg/L or 98% and 94%, respectively.

In summary, the MTBE and TBA concentrations in groundwater samples MW-2, MW-5, MW-15 and LD-3 are decreasing, with the exception of TBA in sample MW-5 which has previously been none detected.

The MCLs for MTBE and TBA are being developed. The current preliminary cleanup goal for MTBE in groundwater is 13 µg/L. A preliminary cleanup goal for TBA has not yet been determined.

All groundwater samples were analyzed for natural attenuation parameters. The elevated concentration of carbon dioxide indicates aerobic degradation and evidence of natural attenuation. The lowest oxidation reduction potential is found in wells MW-2 and MW-5, the two wells with concentrations of TPHg and benzene. The highest $CO_2$ was also identified in wells MW-2 and MW-5.

## CONCLUSIONS AND RECOMMENDATIONS

On March 17, 2005, Targhee conducted quarterly groundwater monitoring at the former gasoline service station property addressed as 2520 Temple Street, Los Angeles, California. Groundwater monitoring has been conducted at this site since 2000.

The highest concentrations of TPHg were encountered in wells LD-3 and MW-3 in 2000 and 2003, respectively. The concentration at well LD-3 has decreased from 5,800 mg/L to none detected. The concentration in monitoring well MW-3 has decreased from 11,600 mg/L to 1,869 mg/L, an 84% reduction. Further reduction is expected due to the removal of source area soils surrounding MW-3. (Well MW-3 was destroyed in August 2004 during soil excavation activities.)

Benzene concentrations have been encountered at concentrations of 157 µg/L and 112 µg/L in wells MW-3 and MW-4, respectively. The benzene concentration in MW-3 has decreased to 17.8 µg/L. No detectable concentrations of benzene have been identified in well MW-4 since November 2003.

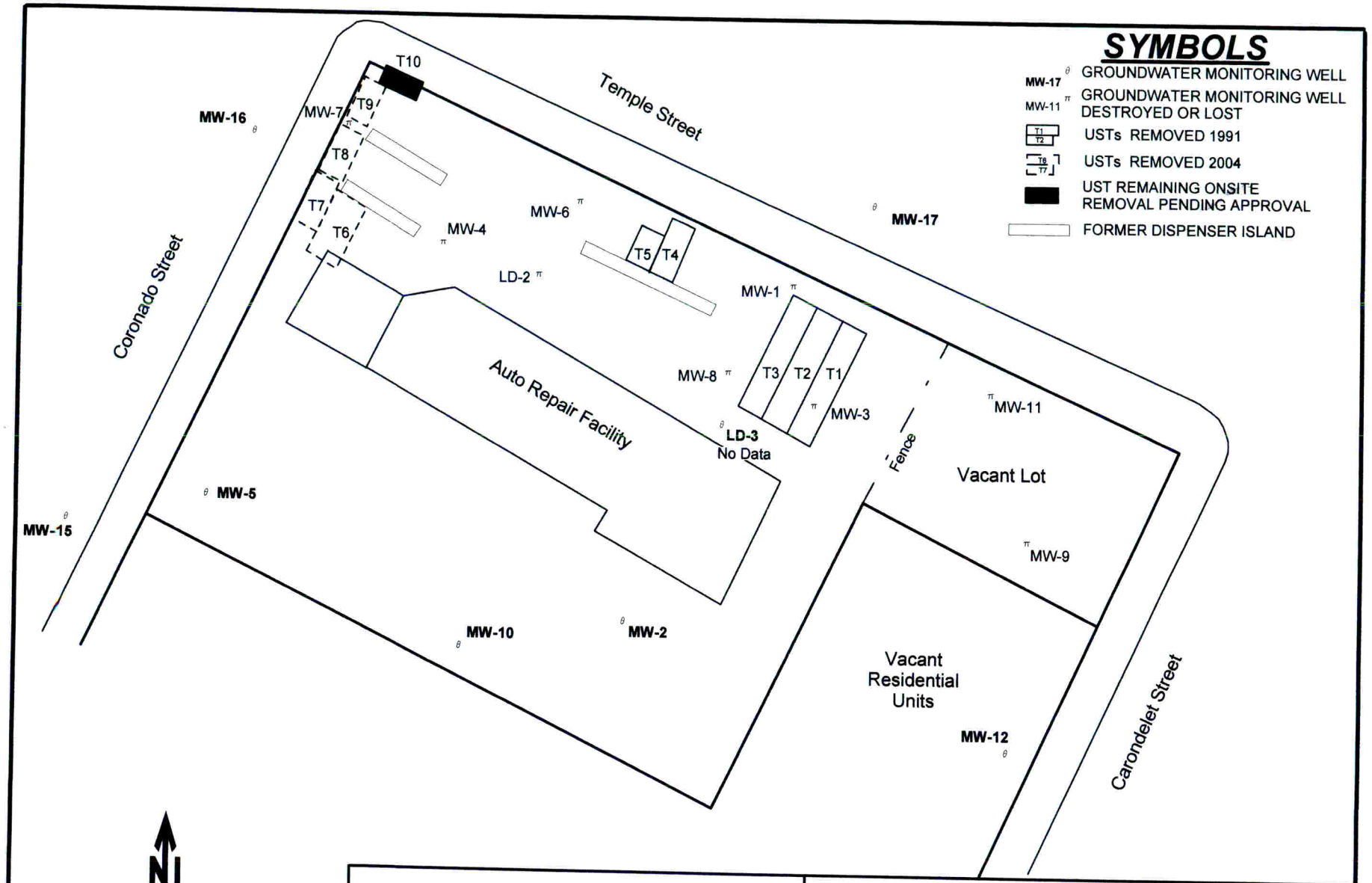
MTBE and TBA concentrations were also highest at monitoring well MW-3. As of May 2004, the MTBE and TBA concentrations were 69.7 and 1,240 µg/L, respectively. Well MW-2 is downgradient of well MW-3. The MTBE and TBA concentrations identified in well MW-2 during this sampling event were 16.9 and none detected, respectively.

Five years of monitoring have been completed at the downgradient wells MW-2 and MW-5. The concentrations of TPHg, benzene and MTBE are stable and or decreasing. This is confirmation the plumes are stable and/or decreasing.

The March 2005 analytical results identified elevated concentrations of carbon dioxide, ranging up to 43,000 µg/L, negative Redox potentials at -50.2 mV and consumed dissolved oxygen in the source area which represent aerobic biodegradation and evidence of continuing natural attenuation. Nitrate and sulfate are reduced in the source area. Again, this is confirmation the plume is stable and/or decreasing.

The next report will evaluate the intrinsic bioremediation occurring at the site and will include the determination of biodegradation capacity and fate and transport modeling of the plume. Based on the results of this evaluation, a request for closure for this facility will be forthcoming.

ATTACHMENT A

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# SITE PLOT PLAN

2520 TEMPLE STREET
LOS ANGELES, CALIFORNIA 90026

ATTACHMENT A | APRIL 26, 2005

# WELL SAMPLING DATA LOG

PROJECT: 2520 Temple
Los Angeles, California

DATE: 03/17/05 WELL NO: MW2 SAMPLER: DJB/CFL

WELL DATA:

Total Depth: — Date/Time Measured: —

Depth to Water: 9.935 Date/Time Measured: 3-17-05

Volume of Water in Well: Feet, Gallons

WELL PURGING DATA:

Purging Method: Sub. Pump Volume of Water Purged: 20 gal

Time Started: 11:32 Time Completed: 11:50

Parameters:

| | Initial Reading | First Volume | Second Volume | Third Volume | Fourth Volume | Fifth Volume |
|---|---|---|---|---|---|---|
| Time | 11:32 | 11:35 | 11:37 | 1141 | 1144 | 11:47 |
| Temperature | 72.4 | 72.1 | 71.8 | 72.0 | 71.9 | 71.3 |
| Conductivity | 1.99 | 1.90 | 1.90 | 1.89 | 1.91 | 1.87 |
| pH | 6.88 | 6.80 | 6.77 | 6.78 | 6.78 | 6.81 |
| Turbidity | | | | 10.63 | | 3.33 |

Equipment Used: Hanna Temperature-Conductivity-pH tester
LaMotte Model 2008 Turbidity Meter

SAMPLE COLLECTION DATA:

Sample Containers: 6 VOA, 1 L Amber, 500 mL poly

Analyses Performed: 8015g, 8260B, Natural Attenuation

Water Quality:

# WELL SAMPLING DATA LOG

PROJECT: 2520 Temple
Los Angeles, California

DATE: 03/17/05 WELL NO: MW5 SAMPLER: DJB/CFL

WELL DATA:

Total Depth: Date/Time Measured: 3/17/05

Depth to Water: 10.285 Date/Time Measured:

Volume of Water in Well: 3.5 Feet, 3.4 Gallons/Vol

WELL PURGING DATA:

Purging Method: Sub. Pump Volume of Water Purged: 18 gal

Time Started: 12:10 Time Completed: 12:30

Parameters:

| | Initial Reading | First Volume | Second Volume | Third Volume | Fourth Volume | Fifth Volume |
|---|---|---|---|---|---|---|
| Time | 1210 | 1213 | 12:17 | 12:21 | 1225 | 1230 |
| Temperature | 71.9 | 71.0 | 72.6 | 73.4 | 73.4 | 73.6 |
| Conductivity | 2.11 | 1.84 | 2.04 | 2.07 | 2.06 | 2.06 |
| pH | 6.88 | 6.87 | 6.79 | 6.80 | 6.82 | 6.82 |
| Turbidity | | | | | 1.95 | |

Equipment Used: Hanna Temperature-Conductivity-pH tester
LaMotte Model 2008 Turbidity Meter

SAMPLE COLLECTION DATA:

Sample Containers: 6 VOA, 1 L Amber, 500 mL poly

Analyses Performed: 8015g, 8260B, Natural Attenuation

Water Quality: 12:33

very slight Sheen (globs) @ Start

# WELL SAMPLING DATA LOG

PROJECT: 2520 Temple
Los Angeles, California

DATE: 03/17/05 WELL NO: MW12 SAMPLER: DJB/CFL

WELL DATA:

Total Depth: Date/Time Measured: 3-17-05

Depth to Water: 6.12 Date/Time Measured: 3-17-05

Volume of Water in Well: 18 Feet, 3.50 Gallons

WELL PURGING DATA:

Purging Method: Sub. Pump Volume of Water Purged: 20 gals

Time Started: 9:10 Time Completed: 9:30

Parameters:

| | Initial Reading | First Volume | Second Volume | Third Volume | Fourth Volume | Fifth Volume |
|---|---|---|---|---|---|---|
| Time | 9:10 | 9:13 | 9:16 | 9:19 | 9:23 | 9:26 |
| Temperature | 68.1 | 68 | 68.3 | 70.1 | 70.4 | 69.4 |
| Conductivity | 0.94 | 0.96 | 1.58 | 1.63 | 1.79 | 1.84 |
| pH | 6.98 | 6.81 | 6.81 | 6.83 | 6.77 | 6.78 |
| Turbidity | | | | 14.2 | | 6.50 |

Equipment Used: Hanna Temperature-Conductivity-pH tester
LaMotte Model 2008 Turbidity Meter

SAMPLE COLLECTION DATA:

Sample Containers: 6 VOA, 1 L Amber, 500 mL poly

Analyses Performed: 8015g, 8260B, Natural Attenuation

Water Quality:

# WELL SAMPLING DATA LOG

PROJECT: 2520 Temple
Los Angeles, California

DATE: 03/17/05 WELL NO: MW15 SAMPLER: DJB/CFL

WELL DATA:

Total Depth: — Date/Time Measured: —

Depth to Water: Not measured Date/Time Measured: —

Volume of Water in Well: Feet, Gallons

WELL PURGING DATA:

Purging Method: Sub. Pump Volume of Water Purged: 15

Time Started: 11:50 Time Completed: 12:05

Parameters:

| | Initial Reading | First Volume | Second Volume | Third Volume | Fourth Volume | Fifth Volume |
|---|---|---|---|---|---|---|
| Time | 11:50 | 11:53 | 11:56 | 11:59 | 12:02 | 12:05 |
| Temperature | 75.0 | 74.0 | 71.4 | 72.9 | 74.9 | 73.9 |
| Conductivity | 2.13 | 1.64 | 1.83 | 2.03 | 2.06 | 2.06 |
| pH | 6.79 | 6.67 | 6.70 | 6.89 | 6.75 | 6.76 |
| Turbidity | | | | 9.0 | 2.3 | |

Equipment Used: Hanna Temperature-Conductivity-pH tester
LaMotte Model 2008 Turbidity Meter

SAMPLE COLLECTION DATA:

Sample Containers: 6 VOA, 1 L Amber, 500 mL poly

Analyses Performed: 8015g, 8260B, Natural Attenuation

Water Quality:

# WELL SAMPLING DATA LOG

PROJECT: 2520 Temple
Los Angeles, California

DATE: 03/17/05 WELL NO: MW-16 SAMPLER: DJB/CFL

WELL DATA:

Total Depth: 24.8 Date/Time Measured: 3-17-05

Depth to Water: 9.58 Date/Time Measured:

Volume of Water in Well: 15 Feet, 3.42 Gallons

WELL PURGING DATA:

Purging Method: Sub. Pump Volume of Water Purged: 20 gals.

Time Started: 8:40 Time Completed: 8:55

Parameters:

| | Initial Reading | First Volume | Second Volume | Third Volume | Fourth Volume | Fifth Volume |
|---|---|---|---|---|---|---|
| Time | 8:40 | 8:43 | 8:46 | 8:50 | 8:53 | 8:55 |
| Temperature | 65.5 | 67.1 | 66.4 | 67.1 | 72.7 | 71.9 |
| Conductivity | 2.02 | 2.09 | 2.10 | 2.15 | 2.17 | 2.14 |
| pH | 6.78 | 6.74 | 6.77 | 6.81 | 6.80 | 6.78 |
| Turbidity | | | | 30.5 | | 6.54 |

Equipment Used: Hanna Temperature-Conductivity-pH tester
LaMotte Model 2008 Turbidity Meter

SAMPLE COLLECTION DATA:

Sample Containers: 6 VOA, 1 L Amber, 500 mL poly

Analyses Performed: 8015g, 8260B, Natural Attenuation

Water Quality:

7
19
.18
150
100
2
3.42
5
17.10

# WELL SAMPLING DATA LOG

PROJECT: 2520 Temple
Los Angeles, California

DATE: 03/17/05 WELL NO: MW17 SAMPLER: DJB/CFL

WELL DATA:

Total Depth: ~~[illegible]~~ DB Date/Time Measured: 3-17-05 DB

Depth to Water: 7.55 Date/Time Measured: 3-17-05

Volume of Water in Well: 18 Feet, 3.50 DB Gallons

WELL PURGING DATA:

Purging Method: Sub. Pump Volume of Water Purged: 15

Time Started: 9:45 Time Completed: 9:52

Parameters:

| | Initial Reading | First Volume | Second Volume | Third Volume | Fourth Volume | Fifth Volume |
|---|---|---|---|---|---|---|
| Time | 9:45 | 9:47 | 9:50 | 9:52 | | |
| Temperature | 68.7 | 69.7 | 70.9 | 70.4 | | |
| Conductivity | 1.94 | 1.72 | 1.86 | 1.97 | | |
| pH | 6.93 | 6.83 | 6.79 | 6.82 | | |
| Turbidity | | | | 27 | | |

Equipment Used: Hanna Temperature-Conductivity-pH tester
LaMotte Model 2008 Turbidity Meter

SAMPLE COLLECTION DATA:

Sample Containers: 6 VOA, 1 L Amber, 500 mL poly

Analyses Performed: 8015g, 8260B, Natural Attenuation

Water Quality:

# WELL SAMPLING DATA LOG

PROJECT: 2520 Temple
Los Angeles, California

DATE: 03/17/05 WELL NO: LD3 SAMPLER: DJB/CFL

WELL DATA:

Total Depth: — Date/Time Measured: 3-17-05

Depth to Water: Not measured Date/Time Measured: 3-17-05

Volume of Water in Well: Feet, Gallons

WELL PURGING DATA:

Purging Method: Sub. Pump Volume of Water Purged: 20 gal

Time Started: 10:15 Time Completed: 10:28

Parameters:

| | Initial Reading | First Volume | Second Volume | Third Volume | Fourth Volume | Fifth Volume |
|---|---|---|---|---|---|---|
| Time | 10:15 | 10:17 | 10:20 | 10:22 | 10:25 | 10:28 |
| Temperature | 72.3 | 72.6 | 73.0 | 73.3 | 73.0 | 72.9 |
| Conductivity | 2.01 | 1.96 | 1.97 | 1.96 | 1.95 | 1.95 |
| pH | 6.67 | 6.82 | 6.83 | 6.84 | 6.82 | 6.83 |
| Turbidity | | | | 1.35 | | |

Equipment Used: Hanna Temperature-Conductivity-pH tester
LaMotte Model 2008 Turbidity Meter

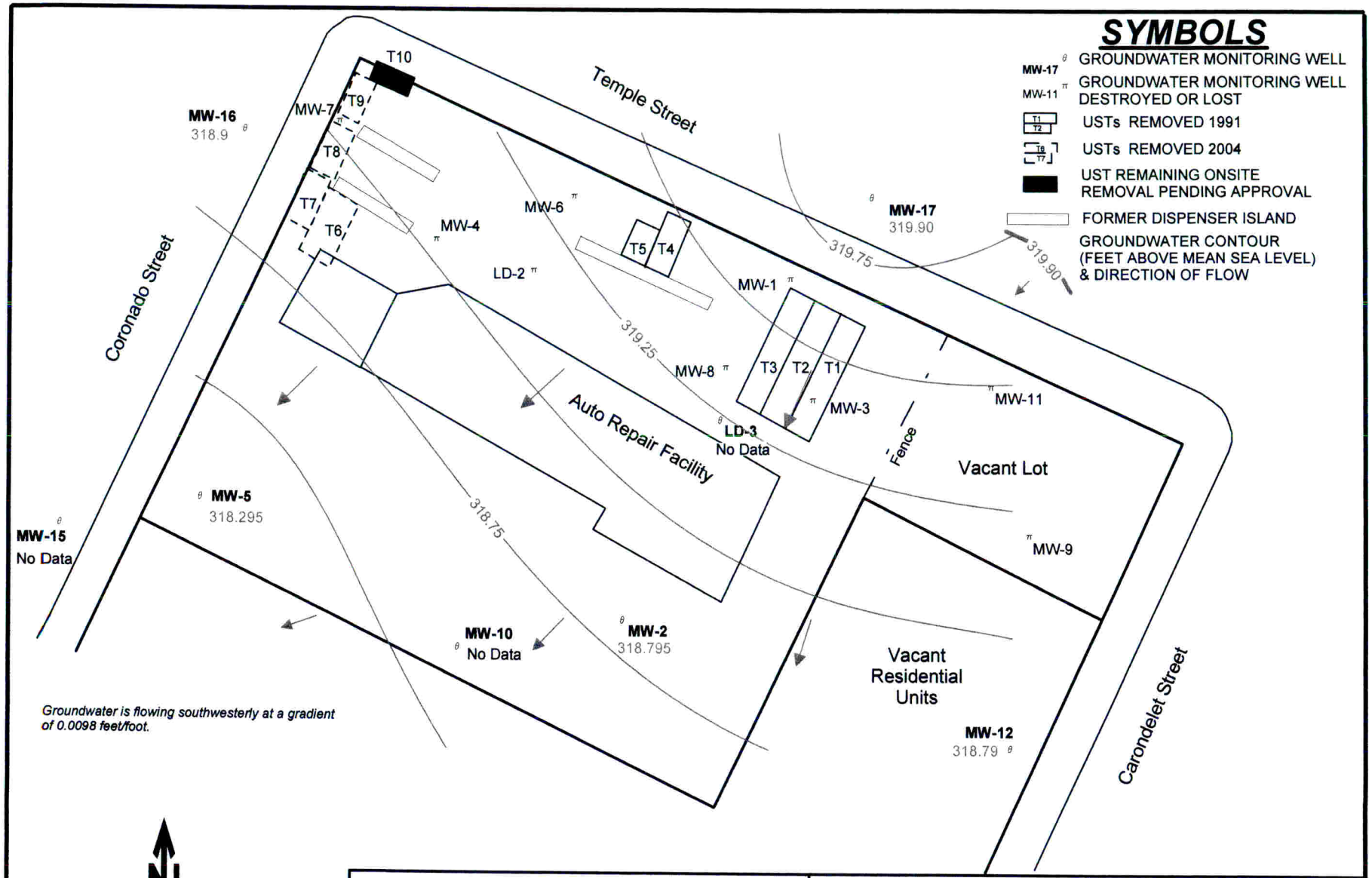
SAMPLE COLLECTION DATA:

Sample Containers: 6 VOA, 1 L Amber, 500 mL poly

Analyses Performed: 8015g, 8260B, Natural Attenuation

Water Quality:

ATTACHMENT B

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# GROUNDWATER CONDITIONS

2520 TEMPLE STREET
LOS ANGELES, CALIFORNIA 90026

ATTACHMENT C | APRIL 26, 2005

ATTACHMENT D

AMERICAN SCIENTIFIC LABORATORIES, LLC
*Environmental Testing Services*
*2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500*

RECEIVED
MAR 3 1 2005
TARGHEE INC

Ordered By

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

Telephone (562)435-8080
Attn Debra Bechtold

| | |
|---|---|
| Number of Pages | 23 |
| Date Received | 03/17/2005 |
| Date Reported | 03/25/2005 |

| Job Number | Ordered | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

Project ID: 2520 TEMPLE
Project Name:
Site: 2520 Temple

Enclosed are the results of analyses on 7 samples analyzed as specified on attached chain of custody.

Amolk MOLKY Brar
Laboratory Manager

Rojert G. Araghi
Laboratory Director

American Scientific Laboratories, LLC (ASL) accepts sample materials from clients for analysis with the assumption that all of the information provided to ASL verbally or in writing by our clients (and/or their agents), regarding samples being submitted to ASL, is complete and accurate. ASL accepts all samples subject to the following conditions:

1) ASL is not responsible for verifying any client-provided information regarding any samples submitted to the laboratory.
2) ASL is not responsible for any consequences resulting from any inaccuracies, omissions, or misrepresentations contained in client-provided information regarding samples submitted to the laboratory.

AMERICAN SCIENTIFIC LABORATORIES, LLC
*Environmental Testing Services*
*2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500*

# ANALYTICAL RESULTS

**Ordered By**

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 2
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

Method: 300, Anions by Ion Chromatography

**Batch No:**

| Our Lab I.D. | | MBWG | 145895 | 145896 | 145897 | 145898 |
|---|---|---|---|---|---|---|
| Sample ID | | Method Blank | MW16 | MW12 | MW17 | LD3 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Matrix | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Units | | mg/L | mg/L | mg/L | mg/L | mg/L |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| **Conventionals** | | | | | | |
| Nitrate as N | 0.100 | ND | 14.4 | 14.0 | 15.7 | 10.7 |
| Sulfate | 1.00 | ND | 501 | 415 | 408 | 381 |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | LCS % REC | LCS DUP % REC | LCS RPD % REC | LCS/LCSD % Limit | LCS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Conventionals** | | | | | | | | | | |
| Nitrate as N | 92 | 93 | 1.1 | 80-120 | <20 | | | | | |
| Sulfate | 96 | 97 | 1.0 | 80-120 | <20 | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 3
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

Method: 300, Anions by Ion Chromatography

**Batch No:**

| Our Lab I.D. | | 145899 | 145900 | 145901 | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW15 | MW2 | MW5 | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | | |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | | |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | | |
| Matrix | | Groundwater | Groundwater | Groundwater | | |
| Units | | mg/L | mg/L | mg/L | | |
| Detection Limit Multiplier | | 1 | 1 | 1 | | |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | | |
| **Conventionals** | | | | | | |
| Nitrate as N | 0.100 | 14.0 | 5.44 | 10.7 | | |
| Sulfate | 1.00 | 468 | 328 | 439 | | |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | LCS % REC | LCS DUP % REC | LCS RPD % REC | LCS/LCSD % Limit | LCS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Conventionals** | | | | | | | | | | |
| Nitrate as N | 92 | 93 | 1.1 | 80-120 | <20 | | | | | |
| Sulfate | 96 | 97 | 1.0 | 80-120 | <20 | | | | | |

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# ANALYTICAL RESULTS

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Page: 4
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 360.1, Oxygen,Dissolved

**Batch No:**

| Our Lab I.D. | | 145895 | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| Sample ID | | MW16 | MW12 | MW17 | LD3 | MW15 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Matrix | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Units | | ppm | ppm | ppm | ppm | ppm |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| **Conventionals** | | | | | | |
| Oxygen,Dissolved | 0.10 | 1.60 | 2.02 | 2.04 | 1.23 | 1.59 |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Conventionals** | | | | | | | | | | |
| Oxygen,Dissolved | 1.60 | 1.65 | <1 | 20 | | | | | | |

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# ANALYTICAL RESULTS

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**Site**

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Telephone: (562)435-8080
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Page: 5
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 360.1, Oxygen,Dissolved

**Batch No:**

| Our Lab I.D. | | 145900 | 145901 | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW2 | MW5 | | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | | | |
| Date Extracted | | 03/18/2005 | 03/18/2005 | | | |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | | | |
| Matrix | | Groundwater | Groundwater | | | |
| Units | | ppm | ppm | | | |
| Detection Limit Multiplier | | 1 | 1 | | | |
| **Analytes** | **PQL** | **Results** | **Results** | | | |
| **Conventionals** | | | | | | |
| Oxygen,Dissolved | 0.10 | 1.39 | 1.56 | | | |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Conventionals** | | | | | | | | | | |
| Oxygen,Dissolved | 1.60 | 1.65 | <1 | 20 | | | | | | |

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# ANALYTICAL RESULTS

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**Site**

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Page: 6
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, TPH as Gas

**Batch No: 032205-2C**

| Our Lab I.D. | | MBWG | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| Sample ID | | Method Blank | MW12 | MW17 | LD3 | MW15 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| Date Extracted | | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 |
| Preparation Method | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 |
| Matrix | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Units | | ug/L | ug/L | ug/L | ug/L | ug/L |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| TPH as Gasoline (C4-C12) | 50 | ND | ND | ND | 224 | ND |

| Our Lab I.D. | | MBWG | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| **Surrogates** | **Con.Limit** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| **Surrogate Percent Recovery** | | | | | | |
| Bromofluorobenzene | 70-120 | 95 | 95 | 95 | 96 | 95 |
| Dibromofluoromethane | 70-120 | 106 | 106 | 97 | 111 | 101 |
| Toluene-d8 | 70-120 | 109 | 109 | 107 | 109 | 110 |

# QUALITY CONTROL REPORT

**Batch No: 032205-2C**

| Analytes | MS % REC | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 96 | 100 | 4.1 | 75-120 | 15 | | | | | |
| Chlorobenzene | 115 | 120 | 4.3 | 75-120 | 15 | | | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 93 | 93 | <1 | 75-120 | 15 | | | | | |
| Toluene (Methyl benzene) | 99 | 103 | 4.0 | 75-120 | 15 | | | | | |
| Trichloroethene (TCE) | 107 | 104 | 2.8 | 75-120 | 15 | | | | | |

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# ANALYTICAL RESULTS

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**Site**

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Page: 7
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, TPH as Gas

**Batch No: 032205-2C**

| **Our Lab I.D.** | | **145900** | **145901** | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW2 | MW5 | | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | | | |
| Date Extracted | | 03/23/2005 | 03/23/2005 | | | |
| Preparation Method | | 5030B | 5030B | | | |
| Date Analyzed | | 03/23/2005 | 03/23/2005 | | | |
| Matrix | | Groundwater | Groundwater | | | |
| Units | | ug/L | ug/L | | | |
| Detection Limit Multiplier | | 1 | 1 | | | |
| **Analytes** | **PQL** | **Results** | **Results** | | | |
| TPH as Gasoline (C4-C12) | 50 | 146 | 168 | | | |

| **Our Lab I.D.** | | **145900** | **145901** | | | |
|---|---|---|---|---|---|---|
| **Surrogates** | **Con.Limit** | **% Rec.** | **% Rec.** | | | |
| **Surrogate Percent Recovery** | | | | | | |
| Bromofluorobenzene | 70-120 | 97 | 97 | | | |
| Dibromofluoromethane | 70-120 | 120 | 90 | | | |
| Toluene-d8 | 70-120 | 112 | 108 | | | |

# QUALITY CONTROL REPORT

**Batch No: 032205-2C**

| **Analytes** | MS % REC | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 96 | 100 | 4.1 | 75-120 | 15 | | | | | |
| Chlorobenzene | 115 | 120 | 4.3 | 75-120 | 15 | | | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 93 | 93 | <1 | 75-120 | 15 | | | | | |
| Toluene (Methyl benzene) | 99 | 103 | 4.0 | 75-120 | 15 | | | | | |
| Trichloroethene (TCE) | 107 | 104 | 2.8 | 75-120 | 15 | | | | | |

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# ANALYTICAL RESULTS

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Page: 8
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, TPH as Gas

**Batch No: 032305-1B**

| **Our Lab I.D.** | | **145895** | | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW16 | | | | |
| Date Sampled | | 03/17/2005 | | | | |
| Date Extracted | | 03/23/2005 | | | | |
| Preparation Method | | 5030B | | | | |
| Date Analyzed | | 03/23/2005 | | | | |
| Matrix | | Groundwater | | | | |
| Units | | ug/L | | | | |
| Detection Limit Multiplier | | 1 | | | | |
| **Analytes** | **PQL** | **Results** | | | | |
| TPH as Gasoline (C4-C12) | 50 | ND | | | | |

| **Our Lab I.D.** | | **145895** | | | | |
|---|---|---|---|---|---|---|
| **Surrogates** | **Con.Limit** | **% Rec.** | | | | |
| **Surrogate Percent Recovery** | | | | | | |
| Bromofluorobenzene | 70-120 | 111 | | | | |
| Dibromofluoromethane | 70-120 | 90 | | | | |
| Toluene-d8 | 70-120 | 110 | | | | |

# QUALITY CONTROL REPORT

**Batch No: 032305-1B**

| **Analytes** | MS % REC | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 108 | 106 | 1.9 | 75-120 | 15 | | | | | |
| Chlorobenzene | 119 | 119 | <1 | 75-120 | 15 | | | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 100 | 112 | 11.3 | 75-120 | 15 | | | | | |
| Toluene (Methyl benzene) | 112 | 110 | 1.8 | 75-120 | 15 | | | | | |
| Trichloroethene (TCE) | 114 | 115 | <1 | 75-120 | 15 | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

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**Site**

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Telephone: (562)435-8080
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Page: 9
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032205-2C**

| Our Lab I.D. | | MBWG | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| Sample ID | | Method Blank | MW12 | MW17 | LD3 | MW15 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| Date Extracted | | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 |
| Preparation Method | | 5030B | 5030B | 5030B | 5030B | 5030B |
| Date Analyzed | | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 | 03/23/2005 |
| Matrix | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Units | | ug/L | ug/L | ug/L | ug/L | ug/L |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Acetone | 5.00 | ND | ND | ND | ND | ND |
| Benzene | 1.000 | ND | ND | ND | ND | 1.1 |
| Bromobenzene (Phenyl bromide) | 1.000 | ND | ND | ND | ND | ND |
| Bromochloromethane (Chlorobromomethane) | 1.000 | ND | ND | ND | ND | ND |
| Bromodichloromethane (Dichlorobromomethane) | 1.000 | ND | ND | ND | ND | ND |
| Bromoform (Tribromomethane) | 5.000 | ND | ND | ND | ND | ND |
| Bromomethane (Methyl bromide) | 3.000 | ND | ND | ND | ND | ND |
| 2-Butanone (MEK, Methyl ethyl ketone) | 5.00 | ND | ND | ND | ND | ND |
| n-Butylbenzene | 1.000 | ND | ND | ND | ND | ND |
| sec-Butylbenzene | 1.000 | ND | ND | ND | ND | ND |
| tert-Butylbenzene | 1.000 | ND | ND | ND | ND | ND |
| Carbon disulfide | 1.000 | ND | ND | ND | ND | ND |
| Carbon tetrachloride (Tetrachloromethane) | 1.000 | ND | ND | ND | ND | ND |
| Chlorobenzene | 1.000 | ND | ND | ND | ND | ND |
| Chloroethane | 3.000 | ND | ND | ND | ND | ND |
| 2-Chloroethyl vinyl ether | 5.000 | ND | ND | ND | ND | ND |
| Chloroform (Trichloromethane) | 1.000 | ND | ND | ND | ND | ND |
| Chloromethane (Methyl chloride) | 3.000 | ND | ND | ND | ND | ND |
| 4-Chlorotoluene (p-Chlorotoluene) | 1.000 | ND | ND | ND | ND | ND |
| 2-Chlorotoluene (o-Chlorotoluene) | 1.000 | ND | ND | ND | ND | ND |
| DIPE | 2.000 | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane (DBCP) | 5.000 | ND | ND | ND | ND | ND |
| Dibromochloromethane | 1.000 | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | 1.000 | ND | ND | ND | ND | ND |
| Dibromomethane | 1.000 | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene (o-Dichlorobenzene) | 1.000 | ND | ND | ND | ND | ND |

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# ANALYTICAL RESULTS

Page: 10
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032205-2C**

| Our Lab I.D. | | MBWG | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| Sample ID | | Method Blank | MW12 | MW17 | LD3 | MW15 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| 1,3-Dichlorobenzene (m-Dichlorobenzene) | 1.000 | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene (p-Dichlorobenzene) | 1.000 | ND | ND | ND | ND | ND |
| Dichlorodifluoromethane | 3.000 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 1.000 | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 1.000 | ND | ND | ND | ND | ND |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 1.000 | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethene | 1.000 | ND | ND | ND | ND | ND |
| trans-1,2-Dichloroethene | 1.000 | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 1.000 | ND | ND | ND | ND | ND |
| 1,3-Dichloropropane | 1.000 | ND | ND | ND | ND | ND |
| 2,2-Dichloropropane | 1.000 | ND | ND | ND | ND | ND |
| 1,1-Dichloropropene | 1.000 | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 1.000 | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 1.000 | ND | ND | ND | ND | ND |
| ETBE | 2.000 | ND | ND | ND | ND | ND |
| Ethylbenzene | 1.000 | ND | ND | ND | ND | ND |
| Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 3.000 | ND | ND | ND | ND | ND |
| 2-Hexanone | 5.000 | ND | ND | ND | ND | ND |
| Isopropylbenzene | 1.000 | ND | ND | ND | ND | ND |
| p-Isopropyltoluene (4-Isopropyltoluene) | 1.000 | ND | ND | ND | ND | ND |
| MTBE | 2.000 | ND | ND | ND | 110 | 18.1 |
| 4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone) | 5.00 | ND | ND | ND | ND | ND |
| Methylene chloride (Dichloromethane, DCM) | 1.00 | ND | ND | ND | ND | ND |
| Naphthalene | 1.000 | ND | ND | ND | ND | ND |
| n-Propylbenzene | 1.000 | ND | ND | ND | ND | ND |
| TAME | 2.000 | ND | ND | ND | ND | ND |
| Styrene | 1.000 | ND | ND | ND | ND | ND |
| TBA | 10.00 | ND | ND | ND | 65.1 | ND |
| 1,1,1,2-Tetrachloroethane | 1.000 | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 1.000 | ND | ND | ND | ND | ND |
| Tetrachloroethene (Tetrachloroethylene) | 1.000 | ND | ND | ND | ND | ND |
| Toluene (Methyl benzene) | 1.000 | ND | ND | ND | ND | ND |
| 1,2,3-Trichlorobenzene | 1.000 | ND | ND | ND | ND | ND |
| 1,2,4-Trichlorobenzene | 1.000 | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 1.000 | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 1.000 | ND | ND | ND | ND | ND |
| Trichloroethene (TCE) | 1.000 | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 1.000 | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 1.000 | ND | ND | ND | ND | ND |
| 1,2,4-Trimethylbenzene | 1.000 | ND | ND | ND | 7.3 | ND |
| 1,3,5-Trimethylbenzene | 1.000 | ND | ND | ND | 1.4 | ND |

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# ANALYTICAL RESULTS

Page: 11
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032205-2C**

| Our Lab I.D. | | MBWG | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| Sample ID | | Method Blank | MW12 | MW17 | LD3 | MW15 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Vinyl acetate | 5.00 | ND | ND | ND | ND | ND |
| Vinyl chloride (Chloroethene) | 3.000 | ND | ND | ND | ND | ND |
| o-Xylene | 1.000 | ND | ND | ND | 3.7 | ND |
| m- & p-Xylenes | 2.000 | ND | ND | ND | 10.5 | ND |

| Our Lab I.D. | | MBWG | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| **Surrogates** | **Con.Limit** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** | **% Rec.** |
| **Surrogate Percent Recovery** | | | | | | |
| Bromofluorobenzene | 70-120 | 92 | 95 | 95 | 96 | 95 |
| Dibromofluoromethane | 70-120 | 112 | 106 | 97 | 111 | 101 |
| Toluene-d8 | 70-120 | 107 | 109 | 107 | 109 | 110 |

# QUALITY CONTROL REPORT

**Batch No: 032205-2C**

| Analytes | MS % REC | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 96 | 100 | 4.1 | 75-120 | 15 | | | | | |
| Chlorobenzene | 115 | 120 | 4.3 | 75-120 | 15 | | | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 93 | 93 | <1 | 75-120 | 15 | | | | | |
| MTBE | 95 | 103 | 8.1 | 75-120 | 15 | | | | | |
| Toluene (Methyl benzene) | 99 | 103 | 4.0 | 75-120 | 15 | | | | | |
| Trichloroethene (TCE) | 107 | 104 | 2.8 | 75-120 | 15 | | | | | |

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*Environmental Testing Services*
*2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500*

# ANALYTICAL RESULTS

**Ordered By**

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 12
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032205-2C**

| **Our Lab I.D.** | | **145900** | **145901** | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW2 | MW5 | | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | | | |
| Date Extracted | | 03/23/2005 | 03/23/2005 | | | |
| Preparation Method | | 5030B | 5030B | | | |
| Date Analyzed | | 03/23/2005 | 03/23/2005 | | | |
| Matrix | | Groundwater | Groundwater | | | |
| Units | | ug/L | ug/L | | | |
| Detection Limit Multiplier | | 1 | 1 | | | |
| **Analytes** | **PQL** | **Results** | **Results** | | | |
| Acetone | 5.00 | ND | ND | | | |
| Benzene | 1.000 | 1.6 | 20.9 | | | |
| Bromobenzene (Phenyl bromide) | 1.000 | ND | ND | | | |
| Bromochloromethane (Chlorobromomethane) | 1.000 | ND | ND | | | |
| Bromodichloromethane (Dichlorobromomethane) | 1.000 | ND | ND | | | |
| Bromoform (Tribromomethane) | 5.000 | ND | ND | | | |
| Bromomethane (Methyl bromide) | 3.000 | ND | ND | | | |
| 2-Butanone (MEK, Methyl ethyl ketone) | 5.00 | ND | ND | | | |
| n-Butylbenzene | 1.000 | ND | ND | | | |
| sec-Butylbenzene | 1.000 | 2.8 | ND | | | |
| tert-Butylbenzene | 1.000 | ND | ND | | | |
| Carbon disulfide | 1.000 | ND | ND | | | |
| Carbon tetrachloride (Tetrachloromethane) | 1.000 | ND | ND | | | |
| Chlorobenzene | 1.000 | ND | ND | | | |
| Chloroethane | 3.000 | ND | ND | | | |
| 2-Chloroethyl vinyl ether | 5.000 | ND | ND | | | |
| Chloroform (Trichloromethane) | 1.000 | ND | ND | | | |
| Chloromethane (Methyl chloride) | 3.000 | ND | ND | | | |
| 4-Chlorotoluene (p-Chlorotoluene) | 1.000 | ND | ND | | | |
| 2-Chlorotoluene (o-Chlorotoluene) | 1.000 | ND | ND | | | |
| DIPE | 2.000 | ND | ND | | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | 5.000 | ND | ND | | | |
| Dibromochloromethane | 1.000 | ND | ND | | | |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | 1.000 | ND | ND | | | |
| Dibromomethane | 1.000 | ND | ND | | | |
| 1,2-Dichlorobenzene (o-Dichlorobenzene) | 1.000 | ND | ND | | | |

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# ANALYTICAL RESULTS

Page: 13
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032205-2C**

| **Our Lab I.D.** | | **145900** | **145901** | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW2 | MW5 | | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | | | |
| **Analytes** | **PQL** | **Results** | **Results** | | | |
| 1,3-Dichlorobenzene (m-Dichlorobenzene) | 1.000 | ND | ND | | | |
| 1,4-Dichlorobenzene (p-Dichlorobenzene) | 1.000 | ND | ND | | | |
| Dichlorodifluoromethane | 3.000 | ND | ND | | | |
| 1,1-Dichloroethane | 1.000 | ND | ND | | | |
| 1,2-Dichloroethane | 1.000 | ND | ND | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 1.000 | ND | ND | | | |
| cis-1,2-Dichloroethene | 1.000 | ND | ND | | | |
| trans-1,2-Dichloroethene | 1.000 | ND | ND | | | |
| 1,2-Dichloropropane | 1.000 | ND | ND | | | |
| 1,3-Dichloropropane | 1.000 | ND | ND | | | |
| 2,2-Dichloropropane | 1.000 | ND | ND | | | |
| 1,1-Dichloropropene | 1.000 | ND | ND | | | |
| trans-1,3-Dichloropropene | 1.000 | ND | ND | | | |
| cis-1,3-Dichloropropene | 1.000 | ND | ND | | | |
| ETBE | 2.000 | ND | ND | | | |
| Ethylbenzene | 1.000 | ND | ND | | | |
| Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 3.000 | ND | ND | | | |
| 2-Hexanone | 5.000 | ND | ND | | | |
| Isopropylbenzene | 1.000 | ND | ND | | | |
| p-Isopropyltoluene (4-Isopropyltoluene) | 1.000 | ND | ND | | | |
| MTBE | 2.000 | 112 | 16.6 | | | |
| 4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone) | 5.00 | ND | ND | | | |
| Methylene chloride (Dichloromethane, DCM) | 1.00 | ND | ND | | | |
| Naphthalene | 1.000 | ND | ND | | | |
| n-Propylbenzene | 1.000 | ND | ND | | | |
| TAME | 2.000 | ND | ND | | | |
| Styrene | 1.000 | ND | ND | | | |
| TBA | 10.00 | ND | 99.2 | | | |
| 1,1,1,2-Tetrachloroethane | 1.000 | ND | ND | | | |
| 1,1,2,2-Tetrachloroethane | 1.000 | ND | ND | | | |
| Tetrachloroethene (Tetrachloroethylene) | 1.000 | ND | 1.1 | | | |
| Toluene (Methyl benzene) | 1.000 | ND | ND | | | |
| 1,2,3-Trichlorobenzene | 1.000 | ND | ND | | | |
| 1,2,4-Trichlorobenzene | 1.000 | ND | ND | | | |
| 1,1,1-Trichloroethane | 1.000 | ND | ND | | | |
| 1,1,2-Trichloroethane | 1.000 | ND | ND | | | |
| Trichloroethene (TCE) | 1.000 | ND | ND | | | |
| Trichlorofluoromethane | 1.000 | ND | ND | | | |
| 1,2,3-Trichloropropane | 1.000 | ND | ND | | | |
| 1,2,4-Trimethylbenzene | 1.000 | ND | ND | | | |
| 1,3,5-Trimethylbenzene | 1.000 | ND | ND | | | |

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# ANALYTICAL RESULTS

Page: 14
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032205-2C**

| Our Lab I.D. | | 145900 | 145901 | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW2 | MW5 | | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | | | |
| **Analytes** | **PQL** | **Results** | **Results** | | | |
| Vinyl acetate | 5.00 | ND | ND | | | |
| Vinyl chloride (Chloroethene) | 3.000 | ND | ND | | | |
| o-Xylene | 1.000 | ND | ND | | | |
| m- & p-Xylenes | 2.000 | ND | ND | | | |

| Our Lab I.D. | | 145900 | 145901 | | | |
|---|---|---|---|---|---|---|
| **Surrogates** | **Con.Limit** | **% Rec.** | **% Rec.** | | | |
| **Surrogate Percent Recovery** | | | | | | |
| Bromofluorobenzene | 70-120 | 97 | 97 | | | |
| Dibromofluoromethane | 70-120 | 120 | 90 | | | |
| Toluene-d8 | 70-120 | 112 | 108 | | | |

# QUALITY CONTROL REPORT

**Batch No: 032205-2C**

| Analytes | MS % REC | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 96 | 100 | 4.1 | 75-120 | 15 | | | | | |
| Chlorobenzene | 115 | 120 | 4.3 | 75-120 | 15 | | | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 93 | 93 | <1 | 75-120 | 15 | | | | | |
| MTBE | 95 | 103 | 8.1 | 75-120 | 15 | | | | | |
| Toluene (Methyl benzene) | 99 | 103 | 4.0 | 75-120 | 15 | | | | | |
| Trichloroethene (TCE) | 107 | 104 | 2.8 | 75-120 | 15 | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 15
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032305-1B**

| **Our Lab I.D.** | | **145895** | | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW16 | | | | |
| Date Sampled | | 03/17/2005 | | | | |
| Date Extracted | | 03/23/2005 | | | | |
| Preparation Method | | 5030B | | | | |
| Date Analyzed | | 03/23/2005 | | | | |
| Matrix | | Groundwater | | | | |
| Units | | ug/L | | | | |
| Detection Limit Multiplier | | 1 | | | | |
| **Analytes** | **PQL** | **Results** | | | | |
| Acetone | 5.00 | ND | | | | |
| Benzene | 1.000 | ND | | | | |
| Bromobenzene (Phenyl bromide) | 1.000 | ND | | | | |
| Bromochloromethane (Chlorobromomethane) | 1.000 | ND | | | | |
| Bromodichloromethane (Dichlorobromomethane) | 1.000 | ND | | | | |
| Bromoform (Tribromomethane) | 5.000 | ND | | | | |
| Bromomethane (Methyl bromide) | 3.000 | ND | | | | |
| 2-Butanone (MEK, Methyl ethyl ketone) | 5.00 | ND | | | | |
| n-Butylbenzene | 1.000 | ND | | | | |
| sec-Butylbenzene | 1.000 | ND | | | | |
| tert-Butylbenzene | 1.000 | ND | | | | |
| Carbon disulfide | 1.000 | ND | | | | |
| Carbon tetrachloride (Tetrachloromethane) | 1.000 | ND | | | | |
| Chlorobenzene | 1.000 | ND | | | | |
| Chloroethane | 3.000 | ND | | | | |
| 2-Chloroethyl vinyl ether | 5.000 | ND | | | | |
| Chloroform (Trichloromethane) | 1.000 | ND | | | | |
| Chloromethane (Methyl chloride) | 3.000 | ND | | | | |
| 4-Chlorotoluene (p-Chlorotoluene) | 1.000 | ND | | | | |
| 2-Chlorotoluene (o-Chlorotoluene) | 1.000 | ND | | | | |
| DIPE | 2.000 | ND | | | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | 5.000 | ND | | | | |
| Dibromochloromethane | 1.000 | ND | | | | |
| 1,2-Dibromoethane (EDB, Ethylene dibromide) | 1.000 | ND | | | | |
| Dibromomethane | 1.000 | ND | | | | |
| 1,2-Dichlorobenzene (o-Dichlorobenzene) | 1.000 | ND | | | | |

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# ANALYTICAL RESULTS

Page: 16
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032305-1B**

| **Our Lab I.D.** | | **145895** | | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW16 | | | | |
| Date Sampled | | 03/17/2005 | | | | |
| **Analytes** | **PQL** | **Results** | | | | |
| 1,3-Dichlorobenzene (m-Dichlorobenzene) | 1.000 | ND | | | | |
| 1,4-Dichlorobenzene (p-Dichlorobenzene) | 1.000 | ND | | | | |
| Dichlorodifluoromethane | 3.000 | ND | | | | |
| 1,1-Dichloroethane | 1.000 | ND | | | | |
| 1,2-Dichloroethane | 1.000 | ND | | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 1.000 | ND | | | | |
| cis-1,2-Dichloroethene | 1.000 | ND | | | | |
| trans-1,2-Dichloroethene | 1.000 | ND | | | | |
| 1,2-Dichloropropane | 1.000 | ND | | | | |
| 1,3-Dichloropropane | 1.000 | ND | | | | |
| 2,2-Dichloropropane | 1.000 | ND | | | | |
| 1,1-Dichloropropene | 1.000 | ND | | | | |
| trans-1,3-Dichloropropene | 1.000 | ND | | | | |
| cis-1,3-Dichloropropene | 1.000 | ND | | | | |
| ETBE | 2.000 | ND | | | | |
| Ethylbenzene | 1.000 | ND | | | | |
| Hexachlorobutadiene (1,3-Hexachlorobutadiene) | 3.000 | ND | | | | |
| 2-Hexanone | 5.000 | ND | | | | |
| Isopropylbenzene | 1.000 | ND | | | | |
| p-Isopropyltoluene (4-Isopropyltoluene) | 1.000 | ND | | | | |
| MTBE | 2.000 | ND | | | | |
| 4-Methyl-2-pentanone (MIBK, Methyl isobutyl ketone) | 5.00 | ND | | | | |
| Methylene chloride (Dichloromethane, DCM) | 1.00 | ND | | | | |
| Naphthalene | 1.000 | ND | | | | |
| n-Propylbenzene | 1.000 | ND | | | | |
| TAME | 2.000 | ND | | | | |
| Styrene | 1.000 | ND | | | | |
| TBA | 10.00 | ND | | | | |
| 1,1,1,2-Tetrachloroethane | 1.000 | ND | | | | |
| 1,1,2,2-Tetrachloroethane | 1.000 | ND | | | | |
| Tetrachloroethene (Tetrachloroethylene) | 1.000 | ND | | | | |
| Toluene (Methyl benzene) | 1.000 | ND | | | | |
| 1,2,3-Trichlorobenzene | 1.000 | ND | | | | |
| 1,2,4-Trichlorobenzene | 1.000 | ND | | | | |
| 1,1,1-Trichloroethane | 1.000 | ND | | | | |
| 1,1,2-Trichloroethane | 1.000 | ND | | | | |
| Trichloroethene (TCE) | 1.000 | ND | | | | |
| Trichlorofluoromethane | 1.000 | ND | | | | |
| 1,2,3-Trichloropropane | 1.000 | ND | | | | |
| 1,2,4-Trimethylbenzene | 1.000 | ND | | | | |
| 1,3,5-Trimethylbenzene | 1.000 | ND | | | | |

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# ANALYTICAL RESULTS

Page: 17
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: 8260B, Volatile Organic Compounds + Oxygenates

**Batch No: 032305-1B**

| **Our Lab I.D.** | | **145895** | | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW16 | | | | |
| Date Sampled | | 03/17/2005 | | | | |
| **Analytes** | **PQL** | **Results** | | | | |
| Vinyl acetate | 5.00 | ND | | | | |
| Vinyl chloride (Chloroethene) | 3.000 | ND | | | | |
| o-Xylene | 1.000 | ND | | | | |
| m- & p-Xylenes | 2.000 | ND | | | | |

| **Our Lab I.D.** | | **145895** | | | | |
|---|---|---|---|---|---|---|
| **Surrogates** | **Con.Limit** | **% Rec.** | | | | |
| **Surrogate Percent Recovery** | | | | | | |
| Bromofluorobenzene | 70-120 | 111 | | | | |
| Dibromofluoromethane | 70-120 | 90 | | | | |
| Toluene-d8 | 70-120 | 110 | | | | |

# QUALITY CONTROL REPORT

**Batch No: 032305-1B**

| **Analytes** | MS % REC | MS DUP % REC | RPD % | MS/MSD % Limit | MS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Benzene | 108 | 106 | 1.9 | 75-120 | 15 | | | | | |
| Chlorobenzene | 119 | 119 | <1 | 75-120 | 15 | | | | | |
| 1,1-Dichloroethene (1,1-Dichloroethylene) | 100 | 112 | 11.3 | 75-120 | 15 | | | | | |
| MTBE | 100 | 108 | 7.7 | 75-120 | 15 | | | | | |
| Toluene (Methyl benzene) | 112 | 110 | 1.8 | 75-120 | 15 | | | | | |
| Trichloroethene (TCE) | 114 | 115 | <1 | 75-120 | 15 | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 18
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

Method: RSKSOP-175, Dissolved Gases

**Batch No:**

| Our Lab I.D. | | MBWG | 145895 | 145896 | 145897 | 145898 |
|---|---|---|---|---|---|---|
| Sample ID | | Method Blank | MW16 | MW12 | MW17 | LD3 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Matrix | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Units | | ug/L | ug/L | ug/L | ug/L | ug/L |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Carbon Dioxide | 20 | ND | 29000 | 27100 | 29200 | 26700 |
| Methane | 1 | ND | 6.98 | 2.08 | ND | 7.83 |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | LCS % REC | LCS DUP % REC | LCS RPD % REC | LCS/LCSD % Limit | LCS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Dioxide | 94 | 90 | 4.3 | 70-130 | <30 | | | | | |
| Methane | 78 | 76 | 2.6 | 70-130 | <30 | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

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Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 19
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: RSKSOP-175, Dissolved Gases

**Batch No:**

| Our Lab I.D. | | 145899 | 145900 | 145901 | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW15 | MW2 | MW5 | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | | |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | | |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | | |
| Matrix | | Groundwater | Groundwater | Groundwater | | |
| Units | | ug/L | ug/L | ug/L | | |
| Detection Limit Multiplier | | 1 | 1 | 1 | | |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | | |
| Carbon Dioxide | 20 | 31300 | 43000 | 34900 | | |
| Methane | 1 | 7.55 | 312 | 120 | | |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | LCS % REC | LCS DUP % REC | LCS RPD % REC | LCS/LCSD % Limit | LCS RPD % Limit | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Carbon Dioxide | 94 | 90 | 4.3 | 70-130 | <30 | | | | | |
| Methane | 78 | 76 | 2.6 | 70-130 | <30 | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

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110 Pine Avenue, Suite 925
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**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold
Page: 20
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: SM2580B, Oxidation-Reduction Potential

**Batch No: 031805-1**

| Our Lab I.D. | | 145895 | 145896 | 145897 | 145898 | 145899 |
|---|---|---|---|---|---|---|
| Sample ID | | MW16 | MW12 | MW17 | LD3 | MW15 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Matrix | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Units | | mv | mv | mv | mv | mv |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| Oxidation-Reduction Potential(ORP) | -500 | 12.3 | N5.20 | N3.40 | N36.2 | N35.8 |

***Comment(s):***

*N=Negative sign.*

# QUALITY CONTROL REPORT

**Batch No: 031805-1**

| Analytes | MS % REC | MS DUP % REC | RPD % | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Oxidation-Reduction Potential(ORP) | 100 | 100 | <1 | | | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

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110 Pine Avenue, Suite 925
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**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 21
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: SM2580B, Oxidation-Reduction Potential

**Batch No: 031805-1**

| Our Lab I.D. | | 145900 | 145901 | | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW2 | MW5 | | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | | | |
| Date Extracted | | 03/18/2005 | 03/18/2005 | | | |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | | | |
| Matrix | | Groundwater | Groundwater | | | |
| Units | | mv | mv | | | |
| Detection Limit Multiplier | | 1 | 1 | | | |
| **Analytes** | **PQL** | **Results** | **Results** | | | |
| Oxidation-Reduction Potential(ORP) | -500 | N48.6 | N50.2 | | | |

# QUALITY CONTROL REPORT

**Batch No: 031805-1**

| Analytes | MS % REC | MS DUP % REC | RPD % | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Oxidation-Reduction Potential(ORP) | 100 | 100 | <1 | | | | | | | |

AMERICAN SCIENTIFIC LABORATORIES, LLC
*Environmental Testing Services*
*2520 N. San Fernando Rd., Los Angeles, CA 90065 Tel: (323) 223-9700 Fax: (323) 223-9500*

# ANALYTICAL RESULTS

**Ordered By**

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 22
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: SM3500-FE-D, Ferrous Iron (Phenanthroline Method)

**Batch No:**

| Our Lab I.D. | | MBWG | 145895 | 145896 | 145897 | 145898 |
|---|---|---|---|---|---|---|
| Sample ID | | Method Blank | MW16 | MW12 | MW17 | LD3 |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 | 03/17/2005 |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 | 03/18/2005 |
| Matrix | | Groundwater | Groundwater | Groundwater | Groundwater | Groundwater |
| Units | | mg/L | mg/L | mg/L | mg/L | mg/L |
| Detection Limit Multiplier | | 1 | 1 | 1 | 1 | 1 |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | **Results** | **Results** |
| **Conventionals** | | | | | | |
| Ferrous Iron | 0.10 | ND | ND | ND | ND | ND |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Conventionals** | | | | | | | | | | |
| Ferrous Iron | ND | ND | <1 | <20 | | | | | | |

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# ANALYTICAL RESULTS

**Ordered By**

Targhee, Inc.
110 Pine Avenue, Suite 925
Long Beach, CA 90802-4426

**Site**

2520 Temple

Telephone: (562)435-8080
Attn: Debra Bechtold

Page: 23
Project ID: 2520 TEMPLE
Project Name:

| Job Number | Order Date | Client |
|---|---|---|
| 25030 | 03/17/2005 | TARGHE |

## Method: SM3500-FE-D, Ferrous Iron (Phenanthroline Method)

**Batch No:**

| Our Lab I.D. | | 145899 | 145900 | 145901 | | |
|---|---|---|---|---|---|---|
| Sample ID | | MW15 | MW2 | MW5 | | |
| Date Sampled | | 03/17/2005 | 03/17/2005 | 03/17/2005 | | |
| Date Extracted | | 03/18/2005 | 03/18/2005 | 03/18/2005 | | |
| Preparation Method | | | | | | |
| Date Analyzed | | 03/18/2005 | 03/18/2005 | 03/18/2005 | | |
| Matrix | | Groundwater | Groundwater | Groundwater | | |
| Units | | mg/L | mg/L | mg/L | | |
| Detection Limit Multiplier | | 1 | 1 | 1 | | |
| **Analytes** | **PQL** | **Results** | **Results** | **Results** | | |
| **Conventionals** | | | | | | |
| Ferrous Iron | 0.10 | ND | ND | ND | | |

# QUALITY CONTROL REPORT

**Batch No:**

| Analytes | SM Result | SM DUP Result | RPD % | SM RPD % Limit | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| **Conventionals** | | | | | | | | | | |
| Ferrous Iron | ND | ND | <1 | <20 | | | | | | |

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COC# № 31376 GLOBAL ID _____ ELECTRONIC REPORT: ☒ EDF ☐ EDD ASL JOB# 25030

| | | | |
|---|---|---|---|
| Company: Targhee | | Report To: D Bechtold | |
| Address: 110 Pine Av #925 | Project Name: 2520 Temple | Address: Targhee | |
| Long Beach CA 90802 | Site Address: 2520 Temple | Invoice To: Targhee | |
| Telephone: 562 435 8080<br>Fax: 562 590 8795 | | Address: Targhee | |
| Special Instruction: | Project ID: 2520 Temple | | |
| | Project Manager: D Bechtold | P.O.#: 2520 Temple | |

ANALYSIS REQUESTED

| ITEM | LAB USE ONLY Lab ID | SAMPLE DESCRIPTION Sample ID | Date | Time | Container(s) # | Type | Matrix | Preservation | 8260B w/oxy | 8015g | ORP | DO | CO2 | Methane | Sulfate | Nitrate | Fe Iron | | | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 145895 | MW16 | 3-17-05 | 9:00 | 8 | Various | GW | 4°C | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | |
| | 145896 | MW12 | ↓ | 9:30 | 8 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| | 145897 | MW17 | ↓ | 10:00 | 8 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| | 145898 | LD3 | ↓ | 10:30 | 8 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| | 145899 | MW15 | ↓ | 12:05 | 8 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| | 145900 | MW2 | ↓ | 11:50 | 8 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | |
| | 145901 | MW5 | ↓ | 12:40 | 8 | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | ↓ | | | |

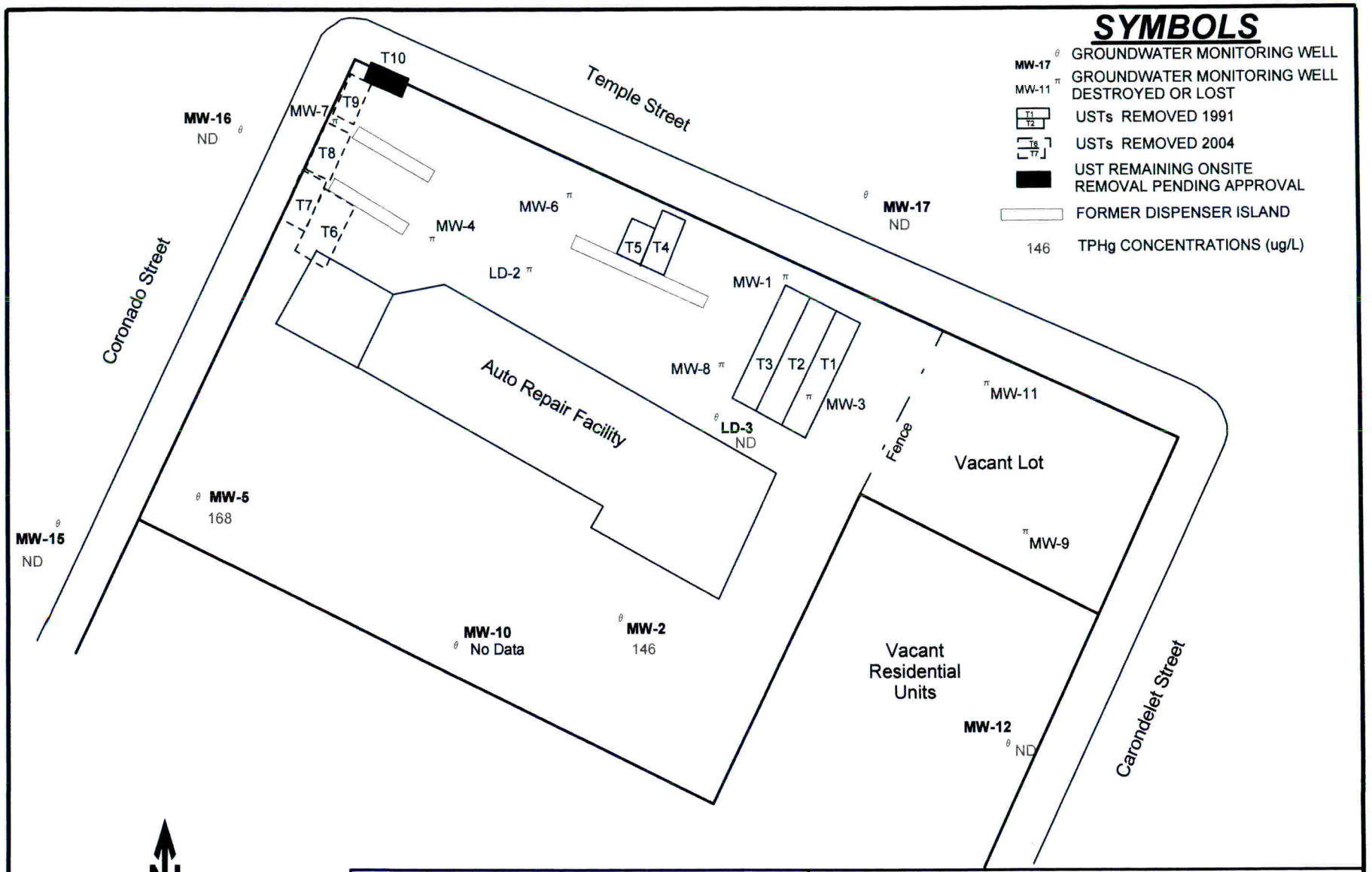
| | | | | | |
|---|---|---|---|---|---|
| Collected By: Debra Bechtold | Date 3-17-05 | Time 12:50 | Relinquished By: [signature] | Date 3/17/05 | Time 1:30 |
| Relinquished By: Debra Bechtold | Date 3-17-05 | Time 1:05 | Received For Laboratory Janet Chin | Date 3-17-05 | Time 1:30 |
| Condition of Sample: | | | | | |

TAT ☒ Normal ☐ Rush

CHAIN OF CUSTODY RECORD

White - Report Yellow - Laboratory Pink - Client

ATTACHMENT E

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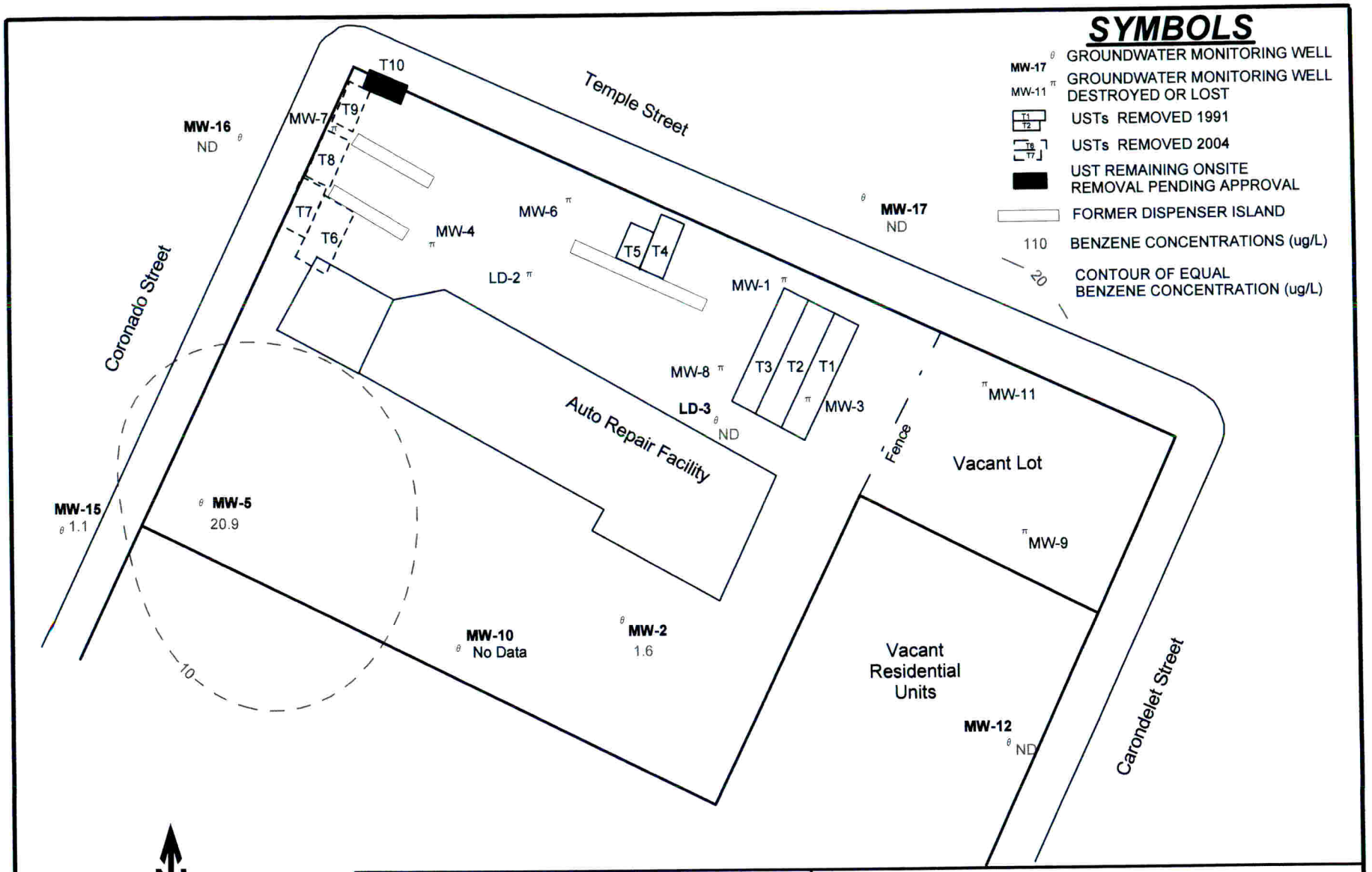
Long Beach, CA 90802-4426
(562) 435-8080 FAX (562) 590-8795

# TPHg CONCENTRATIONS

2520 TEMPLE STREET
LOS ANGELES, CALIFORNIA 90026

ATTACHMENT E1 | APRIL 26, 2005

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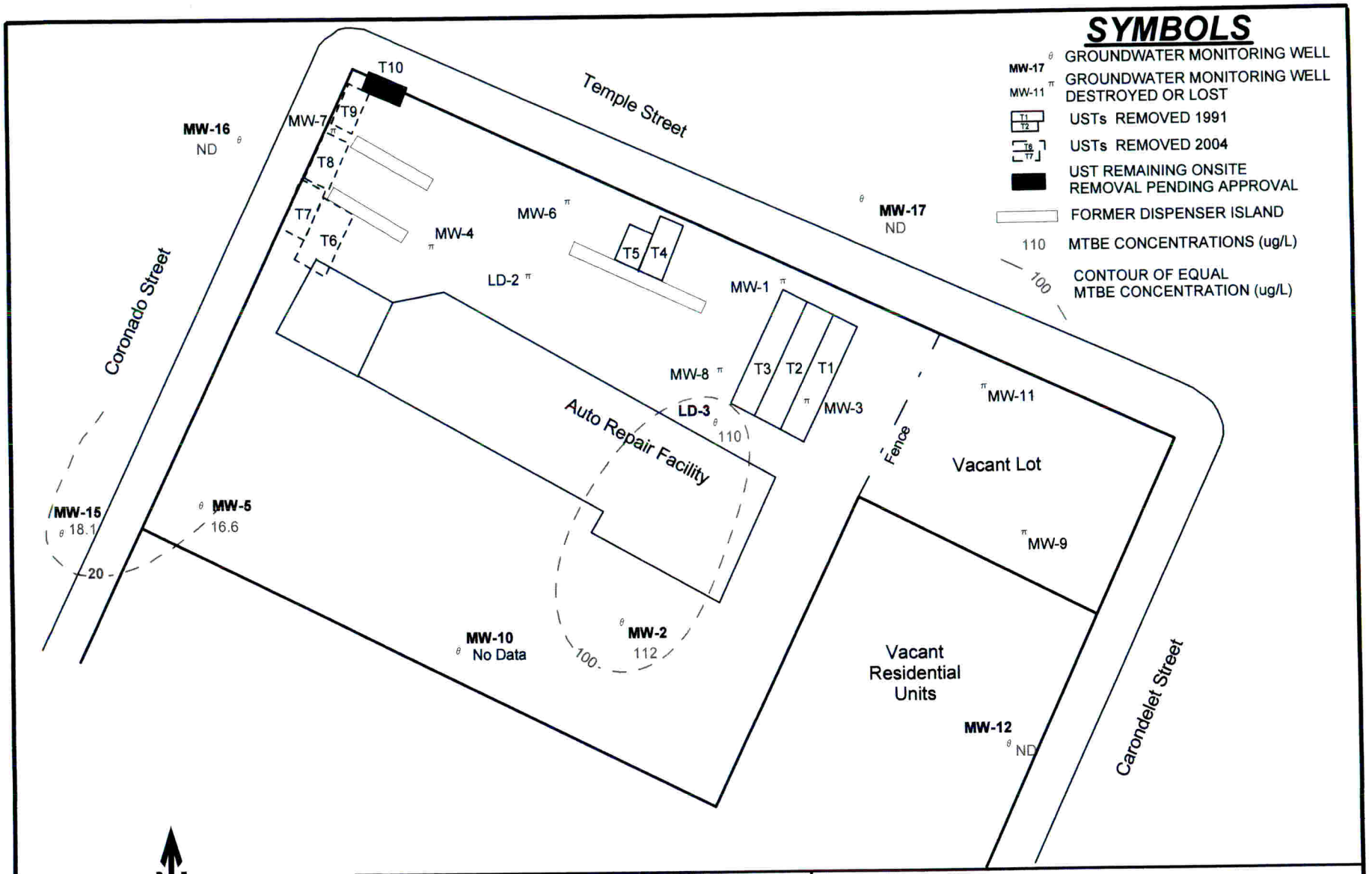
# BENZENE CONCENTRATIONS

2520 TEMPLE STREET
LOS ANGELES, CALIFORNIA 90026

ATTACHMENT E2 | APRIL 26, 2005

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# MTBE CONCENTRATIONS

2520 TEMPLE STREET
LOS ANGELES, CALIFORNIA 90026

ATTACHMENT E3 | APRIL 26, 2005

ATTACHMENT F

# NON-HAZARDOUS WASTE MANIFEST

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

**NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

Manifest Document No. 4 7 8 5 7

2. Page 1 of 1

3. Generator's Name and Mailing Address
The Sholkoff Family Trust
633 W. 5th Street 21st Floor
Los Angeles, CA 90071

4. Generator's Phone ( 213-896-2415 Attn: Debbie

5. Transporter 1 Company Name: General Environmental Mgmt Inc.

6. US EPA ID Number: C A D 9 8 3 6 4 9 8 8 0

A. State Transporter's ID

B. Transporter 1 Phone: ~~800-326-1011~~

7. Transporter 2 Company Name

8. US EPA ID Number

C. State Transporter's ID

D. Transporter 2 Phone

9. Designated Facility Name and Site Address
K-Pure
8910 Rochester Avenue
Rancho Cucamonga, CA 91730

10. US EPA ID Number

E. State Facility's ID

F. Facility's Phone: 909-476-2308

| 11. WASTE DESCRIPTION | 12. Containers No. | Type | 13. Total Quantity | 14. Unit Wt./Vol. |
|---|---|---|---|---|
| a. Non hazardous liquid | ~~005~~ 3 | D M | 0 0 ~~2 5 0~~ 125 | G |
| b. | | | | |
| c. | | | | |
| d. | | | | |

G. Additional Descriptions for Materials Listed Above
11.a. Non-Haz Groundwater (3x55)

H. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information
Emergency Phone: (800) 326-1011 (for GEM)

SITE: 2520 TEMPLE ST.
LOS ANGELES, CA. 90026

**16. GENERATOR'S CERTIFICATION:** I hereby certify that the contents of this shipment are fully and accurately described and are in all respects in proper condition for transport. The materials described on this manifest are not subject to federal hazardous waste regulations.

Printed/Typed Name: Hugo A Castillo | Signature | Date: Month 03 Day 18 Year 05

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: ERIK W. CAURSEN | Signature | Date: Month 03 Day 18 Year 05

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name | Signature | Date: Month Day Year

19. Discrepancy Indication Space

20. Facility Owner or Operator; Certification of receipt of the waste materials covered by this manifest, except as noted in item 19.

Printed/Typed Name | Signature | Date: Month Day Year

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE

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