



ST 10 7039

PK

ENVIRONMENTAL
PROTECTION
96 AUG 20 PM 1:44

July 30, 1996

ENV - STUDIES, SURVEYS & REPORTS
Former Texaco Service Station
2225 Telegraph Avenue, Oakland, CA

Mr. Raymond Maxwell
East Bay Municipal Utility District
Source Control Division, Mail Slot #702
P.O. Box 24055
375 11th Street
Oakland, California 94623-1055

Dear Mr. Maxwell:

Enclosed is the *Semi-Annual Self-Monitoring Report Summary* for the subject site.

Regarding the above-referenced report,

I certify under penalty of law that, to the best of my knowledge, this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Any questions regarding this report may be directed to me at (510) 236-9139.

Best Regards,
Texaco Refining and Marketing, Inc.

Karen E. Petryna, P.E.
Project Manager
Environment Health & Safety

KEP:eg
P:\COVERS\KEPCVRS\2225SEMI.CVR

Enclosure

cc: Mr. Thomas Peacock
Alameda County
Hazardous Materials
1131 Harbor Bay Pky
Alameda, CA 94502-6577

Mr. Tim Ross
Kaprealian Engineering Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520

Mr. Michael Faber - Exxon

RRZielinski (w/o enclosure) RAOFile-UCPFile (w/enclosure)

PR 

**FORMER TEXACO SERVICE STATION
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA**

PERMIT INFORMATION

- EBMUD Permit Number: 502-27801
- Sampling Frequency: Quarterly
- Parameters Reported: TPH-g & BTEX
- Reporting Period: 1/1/96 - 6/30/96
- Report Due: 7/31/96

PERMITTEE

Texaco Refining & Marketing, Inc.
108 Cutting Boulevard
Richmond, CA 94804

Contact: Karen E. Petryna, P.E.
Phone: (510) 236-9139

CONSULTANT

Kaprealian Engineering, Inc.
2401 Stanwell Drive, Suite 400
Concord, CA 94520

Contact: Sarkis A. Soghomonian
Phone: (510) 602-5100

**FORMER TEXACO SERVICE STATION
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA**

GROUND WATER DISCHARGE DATA

Sample I.D.	Sample Date	Flow Rate (gpm)	Totalizer Readings (gallons)	Cumulative Volume (gallons)
Effluent	4/9/96	NM	NM	NM
	3/13/96	1.00	644,673	644,673
	2/14/96	1.10	653,121	653,121
	1/2/96	1.00	632,775	632,775

FLOW RATE FOR THIS REPORTING PERIOD: 1.03 gpm

TOTAL VOLUME OF GROUND WATER DISCHARGED DURING THIS REPORTING PERIOD: 11,898 gallons

GROUND WATER SAMPLING RESULTS

Sample I.D.	Sample Date	TPH-g (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethylbenzene (ug/L)	Xylenes (ug/L)
Effluent	4/9/96	1,100	64	17	23	130
	3/13/96	380	28	2.7	0.9	40
	2/14/96	*	*	*	*	*
	1/2/96	160	27	3.8	1.1	16
Btn Carbons	4/9/96	< 50	< 0.5	< 0.5	< 0.5	< 0.5
	3/13/96	< 50	< 0.5	< 0.5	< 0.5	< 0.5
	2/14/96	< 50	< 0.5	< 0.5	< 0.5	< 0.5
	1/2/96	< 50	< 0.5	< 0.5	< 0.5	< 0.5
Effluent	4/9/96	< 50	< 0.5	< 0.5	< 0.5	< 0.5
	3/13/96	NS	NS	NS	NS	NS
	2/14/96	< 50	< 0.5	< 0.5	< 0.5	< 0.5
	1/2/96	< 50	< 0.5	< 0.5	< 0.5	< 0.5
DISCHARGE LIMITS		N/A	5	7	5	7

* = SAMPLE WAS PUT ON HOLD PER GROUNDWATER TECHNOLOGY, INC.
 TPH-g = TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
 < () = BELOW DETECTION LIMIT
 (ug/L) = MICROGRAMS PER LITER
 gpm = GALLONS PER MINUTE
 N/A = NOT APPLICABLE
 NM = NOT MEASURED
 NS = NOT SAMPLED

FIELD DATA SHEETS

FORMER TEXACO/CURRENT EXXON
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

NAME	John G. Barkis S
DATE	6/19/96
TIME	2:20

GROUND WATER EXTRACTION SYSTEM

- 1. UPON ARRIVAL, SYSTEM WAS ON / OFF
- 2. SECONDARY CONTAIN. FLOAT OPERATIONAL YES / NO
- 3. EFFLUENT TOTALIZER GALLONS
 WELL R1 TOTALIZER GALLONS
 WELL R2 TOTALIZER GALLONS
- 4. EFFLUENT FLOW RATE GPM
- 5. COMPRESSOR PRESSURE PSI
- 6. HOUR METER
- 7. SAMPLING CONDUCTED YES / NO
- 8. AT DEPARTURE, SYSTEM WAS ON / OFF

NOTES: Discharge pump and associated PVC piping
needs to be upgraded.

FORMER TEXACO/CURRENT EXXON
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

NAME	J. Giddings
DATE	6-5-96
TIME	9:05

GROUND WATER EXTRACTION SYSTEM

- | | |
|---|---|
| 1. <input checked="" type="checkbox"/> UPON ARRIVAL, SYSTEM WAS | <input checked="" type="radio"/> ON / <input type="radio"/> OFF |
| 2. <input checked="" type="checkbox"/> SECONDARY CONTAIN. FLOAT OPERATIONAL | <input checked="" type="radio"/> YES / <input type="radio"/> NO |
| 3. <input checked="" type="checkbox"/> EFFLUENT TOTALIZER | <input type="text" value="693596"/> GALLONS |
| WELL R1 TOTALIZER | <input type="text" value="163371"/> GALLONS |
| WELL R2 TOTALIZER | <input type="text" value="1060386"/> GALLONS |
| 4. <input checked="" type="checkbox"/> EFFLUENT FLOW RATE | <input type="text" value=".5"/> GPM |
| 5. <input checked="" type="checkbox"/> COMPRESSOR PRESSURE | <input type="text" value="120"/> PSI |
| 6. <input checked="" type="checkbox"/> HOUR METER | <input type="text" value="4809"/> |
| 7. <input checked="" type="checkbox"/> SAMPLING CONDUCTED | YES / <input checked="" type="radio"/> NO |
| 8. <input checked="" type="checkbox"/> AT DEPARTURE, SYSTEM WAS | <input checked="" type="radio"/> ON / <input type="radio"/> OFF |

NOTES:

FORMER TEXACO/CURRENT EXXON
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

NAME	D. Giddings
DATE	3-22-96
TIME	16:20

**GROUND WATER
EXTRACTION SYSTEM**

- 1. UPON ARRIVAL, SYSTEM WAS ON / OFF
- 2. SECONDARY CONTAIN. FLOAT OPERATIONAL YES / NO
- 3. EFFLUENT TOTALIZER GALLONS
- WELL R1 TOTALIZER GALLONS
- WELL R2 TOTALIZER GALLONS
- 4. EFFLUENT FLOW RATE GPM
- 5. COMPRESSOR PRESSURE PSI
MAKE SURE UNIT IS DEPRESSURIZED PRIOR TO CHECKING OIL LEVEL!
- 6. HOUR METER
- 7. SAMPLING CONDUCTED YES / NO
- 8. AT DEPARTURE, SYSTEM WAS ON / OFF

NOTES: _____

FORMER TEXACO/CURRENT EXXON
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

NAME	John Giddys
DATE	5-7-96
TIME	10:00

GROUND WATER EXTRACTION SYSTEM

- 1. UPON ARRIVAL, SYSTEM WAS ON / OFF
- 2. SECONDARY CONTAIN. FLOAT OPERATIONAL YES / NO
- 3. EFFLUENT TOTALIZER GALLONS
 WELL R1 TOTALIZER GALLONS
 WELL R2 TOTALIZER GALLONS
- 4. EFFLUENT FLOW RATE GPM
- 5. COMPRESSOR PRESSURE PSI
- 6. HOUR METER
- 7. SAMPLING CONDUCTED YES / NO
- 8. AT DEPARTURE, SYSTEM WAS ON / OFF

NOTES:

FORMER TEXACO/CURRENT EXXON
2225 TELEGRAPH AVENUE
OAKLAND, CALIFORNIA

NAME	J. G. [unclear]
DATE	4-25-96
TIME	11:50

**GROUND WATER
EXTRACTION SYSTEM**

- 1. UPON ARRIVAL, SYSTEM WAS ON / OFF
- 2. SECONDARY CONTAIN. FLOAT OPERATIONAL YES / NO
- 3. EFFLUENT TOTALIZER GALLONS
 WELL R1 TOTALIZER GALLONS * *
 WELL R2 TOTALIZER GALLONS
- 4. EFFLUENT FLOW RATE GPM
- 5. COMPRESSOR PRESSURE PSI
- 6. HOUR METER
- 7. SAMPLING CONDUCTED YES / NO
- 8. AT DEPARTURE, SYSTEM WAS ON / OFF

NOTES: "High Temp" Alarm on oil
compressor: suspected cause: temp
over cooling ducts: checked oil
on compressor
* * by pump island.

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 2070000E.00
Site: Tex/2225 Telegraph, Oakla
Project Mgr: Brian Carber

Technician: STEVEN STROM
Scheduled: 3/28/96
Site Mgr:

PREPARATORY COMMENTS

Visit Date: 3-28-96 Arrival Time: 1430 Departure Time: 1510

Work Order read in office: Y/N upon arrival: Y/N upon departure: Y/N

Called PM? Y/N Time: 1505 Who: DAVID LITTLE Topic: SYSTEM

Are You In Possession of a Site Safety Plan? Y/N

COC: Complete with store #, site address & proj office address? Y/N

Job # and task #

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Bi-Weekly]

SYSTEM STATUS = Water 1 (inactive) + (site up) (site down)

Logbook in site box (Note: will fall out when opened)

1. Record flow totalizer on site visitation form. Put pink copy in the O&M binder and send the other two copies to Kiissi ASAP. Record activities in site log. MAKE SURE TO COMPLETELY FILL OUT SITE VISITATION FORM AND THE ATTACHED FIELD NOTES PAGE.

2. Check air compressor oil and fill as needed. If compressor uses oil replace oil filter. Change air filter & change oil every 2000 hrs.

3. Clean basket strainer and drain secondary containment and vaults. Drain air compressor receiver. Record compressor hour meter reading.

4. Document sampling performed (if any), maintenance performed on system, and any operational changes. Note down time, leaks, etc.

5. Fill out ERMUD log sheet in log box.

TEXACO REPRESENTATIVE: Karen Petryna (510) 236-9139.

Hours Estimated 1.00

Hours Used 1.00

FINAL CHECKS

SITE SECURITY: well/covers/gates... secure? Y/N-If No, Explain

WASTE COMPLIANCE: # of drums w/: Water , Soil , Empty , Other

DRUMS labeled? NA/Y/N Gen. Date: Label type:

SOIL pile? Y/N size: cu.yds. SITE LEFT CLEAN? Y/N

SITE VISIT FORM
Groundwater Technology, Inc. - Concord, California

Project: 20700008.00 Technician: STEVEN STON
 Site: Tex/2225 Telegraph, Oakla Scheduled: 3/28/96
 Project Mgr: Brian Garber Site Mgr:

TECHNICIAN'S COMMENTS

• COMPRESSOR HIGH TEMP LIGHT ON ^{UPON ARRIVAL} (SYSTEM DOWN)
 • TESTED SYSTEM - OIL AND FILTER ARE OK

Total Hours Estimated	1.00	Total Hours Used	1.00
Travel Time Estimated	.50	Travel Time Used	.50



 Technician

SITE VISITATION FORM
FOR
WASTEWATER DISCHARGE SAMPLING
SYSTEM OPERATION AND MAINTENANCE

2225 TELEGRAPH CLAKLAND
 Site Address

Sampled By: STEVEN STREIN

Date: 3-28-96

SYSTEM CHECK / READINGS

If Applicable	Yes	No	N/A	N/A	Field Data
Is System Operational	X				
2nd Contain. Float Switch Working	X				
Adjust Flow Rate		X			
Filter Checked and Cleaned	X				
Strainer Checked and Cleaned	X				
Check/Add Water Conditioner			X		
Calibrate LEL			X		
<u>COMPRESSOR OIL GOOD</u>	X				
Effluent Totalizer (gals)					0665232
Effluent Flow Rate (gpm)					
Aeration Pressure (psi)				X	
Filter INFL Pressure (psi)				X	
Filter EFFL Pressure (psi)				X	
Carbon Vessel #1 Pressure (psi)				X	
Carbon Vessel #2 Pressure (psi)				X	
Air Compressor Pressure (psi)					140
Hour Meter (hours)					4055.9

SYSTEM SAMPLING

System sampled Y N X
 Monthly Qirly Semi-Ann Annual

	Sample Point	Sample Point	Sample Point	Sample Point
Temperature (F)				
pH (units)				
Dissolved O ₂ (ppm)				
Electrical Conductivity				

WELL READINGS

Well # R1 Well # R2 Well # _____ Well # _____

Flow Totalizer (gals)	0160978	0959320		
Flow Rate (gpm)				
Hour Meter (hours)				
DTW form TOC (ft)				

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008.00
 Site: Tex/2225 Telegraph, Oakla
 Project Mgr: Brian Garber

Technician: STEVEN STRAM
 Scheduled: 3/21/96
 Site Mgr: 13

PREPARATORY COMMENTS

Visit Date: 3-13-96 Arrival Time: 1430 Departure Time: 1505
 Work Order read in office: Y N upon arrival: Y N upon departure: Y N
 Called PM? Y N Time: 1505 Who: DAVID LITE Topic: SYSTEM STATUS
 Are You In Possession of a Site Safety Plan? Y N
 COC: Complete with store #, site address & proj office address? Y N
 Job # and task #

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Bi-Weekly]

SYSTEM STATUS = Water I (inactive) + (site up) - (site down)

Logbook in site box (Note: will fall out when opened)

1. Record flow totalizer on site visitation form. Put pink copy in the O&M binder and send the other two copies to Krissi ASAP. Record activities in site log. MAKE SURE TO COMPLETELY FILL OUT SITE VISITATION FORM AND THE ATTACHED FIELD NOTES PAGE.
2. Check air compressor oil and fill as needed. If compressor uses oil replace oil filter. Change air filter & change oil every 2000 hrs.
3. Clean basket strainer and drain secondary containment and vaults. Drain air compressor receiver. Record compressor hour meter reading.
4. Document sampling performed (if any), maintenance performed on system, and any operational changes. Note down time, leaks, etc.
5. Fill out EBMUD log sheet in log box.

TEXACO REPRESENTATIVE: Karen Petryna (510) 236-9139.

Hours Estimated

1.00

Hours Used

75

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Monthly]

1. Collect water samples as per requirements on O&M table and as shown on the map in site O&M binder. Refer to binder for correct sampling

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008.00
 Site: Tex/2225 Telegraph, Oakla
 Project Mgr: Brian Garber

Technician: *STEVEN STRAM*
 Scheduled: *3/11/96 3-13-96*
 Site Mgr:

O&M SYSTEM MAINTENANCE (Continued) - Task Nr: 051005 [Monthly]

containers and preservatives if needed.

MONTHLY SAMPLING: Influent and BT-2 for BTX/TPH-G

QUARTERLY SAMPLING (7/7, 10/6, 1/5/95, 4/6/95): Influent and effluent water for BTEX/TPH-G. Make sure to acidify sample VOAs with HCl.

2. Fill out chain-of custody manifest appropriately with with correct analyses requested (refer to O&M table in site binder if necessary)
3. Samples will be sent to BC Analytical (1085 Shary Circle, Concord (510) 825-3894), under appropriate chain-of-custody manifest.
4. Ensure retention tank discharge pump switch on auto. Compressor switch on S-S (start-stop mode).
5. Collect individual well totalizer readings monthly.

EQUIPMENT NEEDED: Site safety plan and safety equipment, PID, Chain-of-custody manifests, lables, Sample containers: 40ml VOAs

Hours Estimated

.50

Hours Used

.5

FINAL CHECKS

SITE SECURITY: well/covers/gates... secure? Y/ N-If No, Explain

WASTE COMPLIANCE: # of Drums w/: Water___, Soil___, Empty___, Other___

DRUMS labeled? NA/ Y/ N Gen. Date:_____ Label Type:_____

SOIL pile? Y/ N size:_____cu.yds. SITE LEFT CLEAN? Y/ N

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008.00

Site: Tex/2225 Telegraph, Oakla

Project Mgr: Brian Garber

Technician: *STEVEN STROM*

Scheduled: *3/11/96 3-13-96*

Site Mgr:

TECHNICIAN'S COMMENTS

CAR PARKED IN COMPOUND.

THERM TECH SYSTEM LOOKS ALL READY FOR START-UP

Total Hours Estimated	1.50	Total Hours Used	<i>1.0</i>
Travel Time Estimated	.50	Travel Time Used	<i>.5</i>



Technician

**SITE VISITATION FORM
FOR
WASTEWATER DISCHARGE SAMPLING
SYSTEM OPERATION AND MAINTENANCE**

2225 TELEGRAPH OAKLAND
Site Address

Sampled By: STEVEN STROM

Date: 3-13-96

SYSTEM CHECK / READINGS

If Applicable	Yes	No	N/A
Is System Operational	X		
2nd Contain. Float Switch Working	X		
Adjust Flow Rate		X	
Filter Checked and Cleaned	X		
Strainer Checked and Cleaned	X		
Check/Add Water Conditioner			X
Calibrate LEL			X
<u>DRAINED WATER FROM COMPRESSOR</u>	X		
<u>ADDED ~60ML OF COMPRESSOR OIL</u>	X		

	N/A	Field Data
Effluent Totalizer (gals)		0664673
Effluent Flow Rate (gpm)		1.0 gpm
Aeration Pressure (psi)	X	
Filter INFL Pressure (psi)	X	
Filter EFFL Pressure (psi)	X	
Carbon Vessel #1 Pressure (psi)	X	
Carbon Vessel #2 Pressure (psi)	X	
Air Compressor Pressure (psi)		130
Hour Meter (hours)		4051.7

SYSTEM SAMPLING

System sampled Y X N

Monthly Qtrly Semi-Ann Annual

	Sample Point	Sample Point	Sample Point	Sample Point
Temperature (F)				
pH (units)				
Dissolved O ₂ (ppm)				
Electrical Conductivity				

WELL READINGS

Well # R1 Well # R2 Well # _____ Well # _____

Flow Totalizer (gals)	0160651	0959309		
Flow Rate (gpm)				
Hour Meter (hours)				
DTW from TOC (ft)				

SITE VISIT FORM
Groundwater Technology, Inc. - Concord, California

COPY

Project: 20700008.00
Site: Tex/2225 Telegraph, Oakla
Project Mgr: Brian Garber

Technician: **STEVEN STREM**
Scheduled: **2/25/96**
Site Mgr: **2/28/96**

PREPARATORY COMMENTS

Visit Date: 2-28-96 Arrival Time: 1310 Departure Time: 1350

Work Order read in office: Y N upon arrival: Y N upon departure: Y N

Called PM? Y/N Time: 1345 Who: David Topic: SYSTEM STATUS

Are You In Possession of a Site Safety Plan? Y N

COC: Complete with store #, site address & proj office address? Y/N N/A

Job # and task #

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Bi-Weekly]

SYSTEM STATUS = Water I (inactive) + (site up) - (site down)

Logbook in site box (Note: will fall out when opened)

1. Record flow totalizer on site visitation form. Put pink copy in the O&M binder and send the other two copies to Krissi ASAP. Record activities in site log. MAKE SURE TO COMPLETELY FILL OUT SITE VISITATION FORM AND THE ATTACHED FIELD NOTES PAGE.
2. Check air compressor oil and fill as needed. If compressor uses oil replace oil filter. Change air filter & change oil every 2000 hrs.
3. Clean basket strainer and drain secondary containment and vaults. Drain air compressor receiver. Record compressor hour meter reading.
4. Document sampling performed (if any), maintenance performed on system, and any operational changes. Note down time, leaks, etc.
5. Fill out EBMUD log sheet in log box.

TEXACO REPRESENTATIVE: Karen Petryna (510) 236-9139.

Hours Estimated	1.00	Hours Used	.50
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O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Monthly]

1. Collect water samples as per requirements on O&M table and as shown on the map in site O&M binder. Refer to binder for correct sampling

SITE VISIT FORM
Groundwater Technology, Inc. - Concord, California


Project: 20700008.00
Site: Tex/2225 Telegraph, Oakla
Project Mgr: Brian Garber

Technician: STEVEN STREM
Scheduled: ~~3/25/96~~ 3/28/96
Site Mgr:

TECHNICIAN'S COMMENTS

HEAVY RAIN

Total Hours Estimated	1.50	Total Hours Used	.50
Travel Time Estimated	.50	Travel Time Used	.50



Technician

**SITE VISITATION FORM
FOR
WASTEWATER DISCHARGE SAMPLING
SYSTEM OPERATION AND MAINTENANCE**

2225 TRENCH OAKLAND
Site Address

Sampled By: STEVEN SYDEM

Date: 2-28-96

SYSTEM CHECK / READINGS

If Applicable	Yes	No	N/A
Is System Operational	X		
2nd Contain. Float Switch Working	X		
Adjust Flow Rate		X	
Filter Checked and Cleaned	X		
Strainer Checked and Cleaned	X		
Check/Add Water Conditioner	X		X
Calibrate LEL			X
<u>DRAIN AIR COMPRESSOR</u>	X		

	N/A	Field Data
Effluent Totalizer (gals)		0651172
Effluent Flow Rate (gpm)		1.1 gpm
Aeration Pressure (psi)	X	
Filter INFL Pressure (psi)	X	
Filter EFFL Pressure (psi)	X	
Carbon Vessel #1 Pressure (psi)	X	
Carbon Vessel #2 Pressure (psi)	X	
Air Compressor Pressure (psi)		120
Hour Meter (hours)		4020.5

SYSTEM SAMPLING

System sampled Y N
 Monthly Qtrly Semi-Ann Annual

	Sample Point	Sample Point	Sample Point	Sample Point
Temperature (F)				
pH (units)				
Dissovled O ₂ (ppm)				
Electrical Conductivity				

WELL READINGS

Well # R1 Well # R2 Well # _____ Well # _____

Flow Totalizer (gals)	01488159	0951106		
Flow Rate (gpm)				
Hour Meter (hours)				
DTW from TOC (ft)				

COOPY

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008.00

Technician: STAVEN STREEM

Site: Tex/2225 Telegraph, Oakla

Scheduled: 2/19/96

Project Mgr: Brian Garber

Site Mgr

PREPARATORY COMMENTS

Visit Date: 2-14-96 Arrival Time: 1035 Departure Time: 1115

Work Order read in office: (Y/N) upon arrival: (Y/N) upon departure: (Y/N)

Called PM? Y/N Time: 1129 Who: JASON F. Topic: SYSTEM STATUS R-1 "FORGE" (VAULT)

Are You In Possession of a Site Safety Plan? Y/N

COC: Complete with store #, site address & proj office address? (Y/N)

Job # and task #

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Bi-Weekly]

SYSTEM STATUS = Water I (inactive) + (site up) - (site down)

Logbook in site box (Note: will fall out when opened)

1. Record flow totalizer on site visitation form. Put pink copy in the O&M binder and send the other two copies to Krissi ASAP. Record activities in site log. MAKE SURE TO COMPLETELY FILL OUT SITE VISITATION FORM AND THE ATTACHED FIELD NOTES PAGE.

2. Check air compressor oil and fill as needed. If compressor uses oil replace oil filter. Change air filter & change oil every 2000 hrs.

3. Clean basket strainer and drain secondary containment and vaults. Drain air compressor receiver. Record compressor hour meter reading.

4. Document sampling performed (if any), maintenance performed on system, and any operational changes. Note down time, leaks, etc.

5. Fill out EBMUD log sheet in log box.

TEXACO REPRESENTATIVE: Karen Petryna (510) 236-9139.

Hours Estimated

1.00

Hours Used

1.75

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Monthly]

1. Collect water samples as per requirements on O&M table and as shown on the map in site O&M binder. Refer to binder for correct sampling

SITE VISIT FORM

Groundwater Technology, Inc. Concord, California

Project: 2070D00B.00

Technician

Site: Tex/2225 Telegraph, Oakla

Scheduled: 2/19/96

Project Mgr: Brian Garber

Site Mgr:

O&M SYSTEM MAINTENANCE (Continued) - Task Nr: 051005 [Monthly]

containers and preservatives if needed.

MONTHLY SAMPLING: Influent and BT-2 for BTX/TPH-G

QUARTERLY SAMPLING (7/7, 10/6, 1/5/95, 4/6/95): Influent and effluent water for BTEX/TPH-G. Make sure to acidify sample VOAs with HCl.

2. Fill out chain-of custody manifest appropriately with with correct analyses requested (refer to O&M table in site binder if necessary)

3. Samples will be sent to BC Analytical (1085 Shary Circle, Concord (510) 825-3894), under appropriate chain-of-custody manifest.

4. Ensure retention tank discharge pump switch on auto. Compressor switch on S-S (start-stop mode).

5. Collect individual well totalizer readings monthly.

EQUIPMENT NEEDED: Site safety plan and safety equipment, PID, Chain-of-custody manifests, lables, Sample containers: 40ml VOAs

Hours Estimated

.50

Hours Used

—

FINAL CHECKS

SITE SECURITY: well/covers/gates... secure? Y / N - If No, Explain

WASTE COMPLIANCE: # of Drums w/: Water __, Soil __, Empty __, Other __

2 DRUMS SPENT CARBON

DRUMS labeled? NA / Y / N Gen. Date: _____ Label Type: _____

SOIL pile? Y / N size: _____ cu.yds. SITE LEFT CLEAN? Y / N

SITE VISIT FORM

Groundwater Technology, Inc. Concord, California

Project: 20700008.00

Technician:

Site: Tex/2225 Telegraph, Oakla

Scheduled: 2/19/96

Project Mgr: Brian Garber

Site Mgr:

TECHNICIAN'S COMMENTS

- ADD AN EXTRA 15 MIN TO PURGE - SKIM PRODUCT OFF THE TOP - IN VIULT R-1 AND DISPOSE OF INTO THE OIL - WATER SEPARATOR
- * NEED TO CALL AQUATEC TO PICK - UP THE DRUMS THEY LEFT BEHIND
- SAMPLED EFF

Total Hours Estimated

1.50

Total Hours Used

.75

Travel Time Estimated

.50

Travel Time Used

.50


Technician

**SITE VISITATION FORM
FOR
WASTEWATER DISCHARGE SAMPLING
SYSTEM OPERATION AND MAINTENANCE**

2225 TELEGRAPH, OAKLAND
Site Address

Sampled By: STEVEN STROM

Date: 2-14-96

SYSTEM CHECK / READINGS

If Applicable	Yes	No	N/A
Is System Operational	X		
2nd Contain. Float Switch Working	Y		
Adjust Flow Rate		X	
Filter Checked and Cleaned	X		
Strainer Checked and Cleaned	X		
Check/Add Water Conditioner			X
Calibrate LEL			X
<u>DRAIN AIR/WATER ON COMPRESSOR</u>	X		
<u>ADD COMPRESSOR OIL ~60ml</u>	X		

	N/A	Field Data
Effluent Totalizer (gals)		0653121
Effluent Flow Rate (gpm)		1.1 gpm
Aeration Pressure (psi)	X	
Filter INFL Pressure (psi)	X	
Filter EFFL Pressure (psi)	Y	
Carbon Vessel #1 Pressure (psi)	X	
Carbon Vessel #2 Pressure (psi)	X	
Air Compressor Pressure (psi)		130
Hour Meter (hours)		3989.2

SYSTEM SAMPLING

System sampled Y X N

Monthly Qtrly Semi-Ann Annual

	Sample Point	Sample Point	Sample Point	Sample Point
Temperature (F)				
pH (units)				
Dissolved O ₂ (ppm)				
Electrical Conductivity				

WELL READINGS

Well # R1 Well # R2 Well # _____ Well # _____

Flow Totalizer (gals)	0145537	0942677		
Flow Rate (gpm)				
Hour Meter (hours)				
DTW from TOC (ft)				

CHAIN OF CUSTODY RECORD

BCA Log Number

Client name GROUNDWATER TECHNOLOGY		Project or PO# 02070000B: 051005		Analyses required			
Address 1401 HALYARD DR #140		Phone # (916) 372-4700		BTEX/TPH-G			
City, State, Zip IN. SACRAMENTO CA		Report attention BRIAN GARBER					
Lab Sample number	Date sampled	Time sampled	Type See key below	Sampled by STEVEN STREM	Number of containers	Remarks	
	7-14-96	1046	AQ	EFF	2		
	2-14-96	1048	AQ	BT-2	2		
	2-14-96	1050	AQ	INF	2	HOLD - AWAITING INFO FROM DAVID LITTLE	

Signature	Print Name	Company	Date	Time
	STEVEN STREM	GROUNDWATER TECH	2-14-96	1350
	Ameeta Parekh	BCA	2-14-96	1355
Relinquished by				
Received by				
Relinquished by				
Received by				
Relinquished by				
Received by Laboratory				

C ANALYTICAL
 1085 Shary Circle, Concord, CA 94518 (510) 825-3894
 1001 Western Avenue, Glendale, CA 91201 (818) 247-5737
 1800 Gene Aulby Way, Anaheim, CA 92806 (714) 878-0115

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.
 Disposal arrangements: EFF 2-14-96

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge
 GW—Groundwater SO—Soil PE—Petroleum
 WW—Wastewater

05/16/2005 11:01 AM
 GROUNDWATER
 CONTAMINATION

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008.00
 Site: Tex/2225 Telegraph, Oakla
 Project Mgr: Brian Garber

Technician: STEVE SIREM
 Scheduled: 1/29/96
 Site Mgr:

PREPARATORY COMMENTS

Visit Date: 2-2-96 Arrival Time: 1119 Departure Time: 1210

Work Order read in office: Y/N upon arrival: Y/N upon departure: Y/N

Called PM? Y/N Time: 1335 Who: DAVID LITTLE Topic: OIL/PRODUCT IN R-1, CAR IN / COMPOUND

Are You In Possession of a Site Safety Plan? Y/N NA

COC: Complete with store #, site address & proj office address? Y/N

Job # and task #

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Bi-Weekly]

SYSTEM STATUS = Water I (inactive) + (site up) - (site down)

Logbook in site box (Note: will fall out when opened)

1. Record flow totalizer on site visitation form. Put pink copy in the O&M binder and send the other two copies to Krissi ASAP. Record activities in site log. MAKE SURE TO COMPLETELY FILL OUT SITE VISITATION FORM AND THE ATTACHED FIELD NOTES PAGE.
2. Check air compressor oil and fill as needed. If compressor uses oil replace oil filter. Change air filter & change oil every 2000 hrs.
3. Clean basket strainer and drain secondary containment and vaults. Drain air compressor receiver. Record compressor hour meter reading.
4. Document sampling performed (if any), maintenance performed on system, and any operational changes. Note down time, leaks, etc.
5. Fill out EBMUD log sheet in log box.

TEXACO REPRESENTATIVE: Karen Petryna (510) 236-9139.

Hours Estimated	1.00	Hours Used	1.0
-----------------	------	------------	-----

FINAL CHECKS

SITE SECURITY: well/covers/gates... secure? Y/N-If No, Explain

WASTE COMPLIANCE: # of Drums w/: Water___, Soil___, Empty___, Other___

DRUMS labeled? NA/Y/N Gen. Date:_____ Label Type:_____

SOIL pile? Y/N size:_____cu.yds. SITE LEFT CLEAN? Y/N

RECEIVED

FEB 12 1996

To: Kristine McIlvenna@Concord, Steve Strem@Concord
Mark Czipka@Concord, Sacramento_Files
Chris McCormack@Concord@GRDWTR, Ed Simonis, Jason Fedota
Cc:
Bcc:
From: David Little@Sacramento@grdwtr
Subject: Work Request, 2225 Telegraph
Date: Wednesday, January 31, 1996 14:14:24 PST
Attach:
Certify: Y
Forwarded by:

ONE-TIME WORK REQUEST

JOB NAME: Oakland, Telegraph	JOB NUMBER: 02070-0008-051098
SITE ADDRESS: 2225 Telegraph Ave. Oakland, CA	START DATE: 2/2/96
PREPARED FOR: David Little	PREPARED BY: David Little
	ATTN: Steve Strem

WORK DESCRIPTION: INSTALL TARP

As discussed during our telephone conversation today, please install the tarp over the compound to keep most of the rain from filling the secondary containment and quickly verify that there are no system leaks.

Thank you,
David

DONE
2-2-96

**SITE VISITATION FORM
FOR
WASTEWATER DISCHARGE SAMPLING
SYSTEM OPERATION AND MAINTENANCE**

2225 TELEGRAPH OAKLAND
Site Address

Sampled By: STEVEN STREM

Date: 2-2-96

SYSTEM CHECK / READINGS

If Applicable	Yes	No	N/A
Is System Operational	X		
2nd Contain. Float Switch Working	X		
Adjust Flow Rate		✓	
Filter Checked and Cleaned	X		
Strainer Checked and Cleaned	✓		
Check/Add Water Conditioner			X
Calibrate LEL			Y
<u>DRAIN AIR ON COMPRESSOR</u>	X		

	N/A	Field Data
Effluent Totalizer (gals)		0647605
Effluent Flow Rate (gpm)	X	1.0 gpm
Aeration Pressure (psi)	Y	
Filter INFL Pressure (psi)	X	
Filter EFFL Pressure (psi)	X	
Carbon Vessel #1 Pressure (psi)	X	
Carbon Vessel #2 Pressure (psi)	X	
Air Compressor Pressure (psi)		125
Hour Meter (hours)		

SYSTEM SAMPLING

System sampled Y N Y
 Monthly Qtrly Semi-Ann Annual

	Sample Point	Sample Point	Sample Point	Sample Point
Temperature (F)				
pH (units)				
Dissolved O ₂ (ppm)				
Electrical Conductivity				

WELL READINGS

Well # R1 Well # R2 Well # _____ Well # _____

Flow Totalizer (gals)	0143874	0936549		
Flow Rate (gpm)				
Hour Meter (hours)				
DTW from TOC (ft)				

SITE VISIT FORM
Groundwater Technology, Inc. - Concord, California

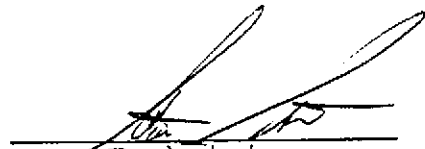
Project: 20700008.00
Site: Tex/2225 Telegraph, Oakla
Project Mgr: Brian Garber

Technician:
Scheduled: 1/29/96
Site Mgr:

TECHNICIAN'S COMMENTS

- GAS STATION HAD PARKED A CAR IN OUR COMPOUND
I HAD IT REMOVED IMMEDIATELY
- * - CARBON DRUMS HAVE NOT BEEN PICKED UP YET.
(~~HE SAID~~ HE THE "CARBON GUY" SAID THAT HE
COULDN'T WAIT... HE COULD ONLY DROP OFF
THE CARBON)
- SITE WAS TRASHED - CLEANED SITE
- RI VAULT HAS ABOUT 1.0 OF PRODUCT ON ~~IT~~ INSIDE

Total Hours Estimated	1.00	Total Hours Used	
Travel Time Estimated	.50	Travel Time Used	


Technician

COPIES

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008-00

Technician: *STEVEN STREM*

Site: Tex/2225 Telegraph, Oakia

Scheduled: 1/22/96

Project Mgr: Brian Garber

Site Mgr:

TECHNICIAN'S COMMENTS

SEE SITE NOTES

Total Hours Estimated	1.00	Total Hours Used	.50
Travel Time Estimated	.50	Travel Time Used	.50

[Signature]

Technician

To: Kristine McIlvenna@Concord, Steve Strem@Concord
Mark Czipka@Concord, Sacramento_Files
Chris McCormack@Concord@GRDWTR, Ed Simonis, Jason Fedota

Cc:
Bcc:
From: David Little@Sacramento@grdwtr
Subject: Work Request, Telegraph
Date: Friday, January 12, 1996 14:14:18 PST
Attach:
Certify: Y
Forwarded by:

ONE-TIME WORK REQUEST

JOB NAME: Oakland, Telegraph

JOB NUMBER: 02070-0008-051098

SITE ADDRESS: 2225 Telegraph Ave.
Oakland, CA

START DATE: 1/18/96

PREPARED FOR: Jason Fedota

PREPARED BY: David Little

ATTN: Steve Strem

WORK DESCRIPTION: CHANGE OUT CARBON VESSELS

Please meet Cetco Aquatec onsite at 11:00 on Thursday, January 18, 1996 to change out liquid-phase 55-gallon carbon vessels. Please let me know if adjustments are needed in the schedule.

Thank you,
David

DONE *changed*
NOTE: • 55 GALLON DRUMS HAD TO BE DRAINED THEREFORE
I TIPPED THEM OVER IN THE SECONDARY CONTAINMENT
AND PUMPED THE WATER THROUGH THE SYSTEM
• THE STEEL PANEL ON SECONDARY CONTAINMENT WAS
VERY HARD TO REMOVE - RUSTY BOLTS
• 55 GALLON CARBON DRUMS REQUIRED NEW PIPING
FITTINGS
• HEAVY RAIN -
TIME FOR CHANGE OUT 2 HRS

SITE VISIT FORM

Groundwater Technology, Inc.

Concord, California

STEVEN

Project: 20700008.00

Technician: Steven

Scheduled: 1/22/96

Site: Tex/2225 Telegraph, Oakla

Site Mgr:

Project Mgr: Brian Garber

PREPARATORY COMMENTS

Visit Date: 1-18-96 Arrival Time: 1038 Departure Time: 1310

Work Order read in office: Y/N upon arrival: Y/N upon departure: Y/N

Called PM? Y/N Time: 1245 Who: DAVID LITTLE Topic: CARBON CHANGE OUT 2nd CONTAINMENT WALL

Are You In Possession of a Site Safety Plan? Y/N

COC: Complete with store #, site address & proj office address? Y/N

Job # and task #

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Bi-Weekly]

SYSTEM STATUS = Water I (inactive) + (site up) - (site down)

Logbook in site box (Note: will fall out when opened)

1. Record flow totalizer on site visitation form. Put pink copy in the O&M binder and send the other two copies to Krissi ASAP. Record activities in site log. MAKE SURE TO COMPLETELY FILL OUT SITE VISITATION FORM AND THE ATTACHED FIELD NOTES PAGE.

2. Check air compressor oil and fill as needed. If compressor uses oil replace oil filter. Change air filter & change oil every 2000 hrs.

3. Clean basket strainer and drain secondary containment and vaults. Drain air compressor receiver. Record compressor hour meter reading.

4. Document sampling performed (if any), maintenance performed on system, and any operational changes. Note down time, leaks, etc.

5. Fill out EBMUD log sheet in log box.

TEXACO REPRESENTATIVE: Karen Petryna (510) 236-9139.

Hours Estimated	1.00	Hours Used	.5
-----------------	------	------------	----

FINAL CHECKS

SITE SECURITY: well/covers/gates... secure? Y/N-If No, Explain

WASTE COMPLIANCE: # of Drums w/: Water___, Soil___, Empty___, Other___

DRUMS labeled? NA/ Y/N Gen. Date:___ Label Type:___

SOIL pile? Y/N size: /___ cu.yds.

SITE LEFT CLEAN? Y/N

SITE VISITATION FORM
FOR
WASTEWATER DISCHARGE SAMPLING
SYSTEM OPERATION AND MAINTENANCE

2225 TELEGRAPH OAKLAND
 Site Address

Sampled By: STEVEN STROM

Date: 1-18-96

SYSTEM CHECK / READINGS

If Applicable	Yes	No	N/A
Is System Operational	X		
2nd Contain. Float Switch Working	X		
Adjust Flow Rate		X	
Filter Checked and Cleaned	X		
Strainer Checked and Cleaned	X		
Check/Add Water Conditioner			X
Calibrate LEL			X
<u>DRAIN AIR ON COMPRESSOR</u>			

	N/A	Field Data
Effluent Totalizer (gals)		0639530
Effluent Flow Rate (gpm)		1.1 gpm
Aeration Pressure (psi)	X	
Filter INFL Pressure (psi)	X	
Filter EFFL Pressure (psi)	X	
Carbon Vessel #1 Pressure (psi)	X	
Carbon Vessel #2 Pressure (psi)	X	
Air Compressor Pressure (psi)		110
Hour Meter (hours)		

SYSTEM SAMPLING

System sampled Y N X
 Monthly Qtrly Semi-Ann Annual

	Sample Point	Sample Point	Sample Point	Sample Point
Temperature (F)				
pH (units)				
Dissov(ved O ₂ (ppm)				
Electrical Conductivity				

WELL READINGS

Well # R1 Well # R2 Well # Well #

Flow Totalizer (gals)	0141143	0926836		
Flow Rate (gpm)				
Hour Meter (hours)				
DTW from TOC (ft)				

① HEAVY RAIN
 ② CHANGING FLOW RATE

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008-00

Technician: STEVEN STROM

Site: Tex/2225 Telegraph, Oakla

Scheduled: 1/01/96

Project Mgr: Brian Garber

Site Mgr:

PREPARATORY COMMENTS

Visit Date: 1-2-96 Arrival Time: 1330 Departure Time: 1418Work Order read in office: Y/N upon arrival: Y/N upon departure Y/NCalled PM? Y/N Time: 1414 Who: DAVID LITTLE Topic: CARBON DRUM LEAKAre You In Possession of a Site Safety Plan? Y/NCOC: Complete with job #, site address & project office address? Y/N

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Bi-Weekly]

SYSTEM STATUS = Water I (inactive) + (site up) - (site down)

Logbook in site box (Note: will fall out when opened)

1. Record flow totalizer on site visitation form. Put pink copy in the O&M binder and send the other two copies to Krissi ASAP. Record activities in site log. MAKE SURE TO COMPLETELY FILL OUT SITE VISITATION FORM AND THE ATTACHED FIELD NOTES PAGE.

2. Check air compressor oil and fill as needed. If compressor uses oil replace oil filter. Change air filter & change oil every 2000 hrs.

3. Clean basket strainer and drain secondary containment and vaults. Drain air compressor receiver. Record compressor hour meter reading.

4. Document sampling performed (if any), maintenance performed on system, and any operational changes. Note down time, leaks, etc.

5. Fill out EBMUD log sheet in log box.

TEXACO REPRESENTATIVE: Karen Petryna (510) 236-9139.

Hours Estimated

1.00

Hours Used

.50

O&M SYSTEM MAINTENANCE - Task Nr: 051005 [Monthly]

1. Collect water samples as per requirements on O&M table and as shown on the map in site O&M binder. Refer to binder for correct sampling containers and preservatives if needed.

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008-00

Technician:

Site: Tex/2225 Telegraph, Oakla

Scheduled: 1/01/96

Project Mgr: Brian Garber

Site Mgr:

O&M SYSTEM MAINTENANCE (Continued) - Task Nr: 051005 [Monthly]

MONTHLY SAMPLING: Influent and BT-2 for BTX/TPH-G

QUARTERLY SAMPLING (7/7, 10/6, 1/5/95, 4/6/95): Influent and effluent water for BTEX/TPH-G. Make sure to acidify sample VOAs with HCl.

2. Fill out chain-of custody manifest appropriately with with correct analyses requested (refer to O&M table in site binder if necessary)

3. Samples will be sent to BC Analytical (1085 Shary Circle, Concord (510) 825-3894), under appropriate chain-of-custody manifest.

4. Ensure retention tank discharge pump switch on auto. Compressor switch on S-S (start-stop mode).

5. Collect individual well totalizer readings monthly.

EQUIPMENT NEEDED: Site safety plan and safety equipment, PID, Chain-of-custody manifests, lables; Sample containers: 40ml VOAs

Hours Estimated

.50

Hours Used

.5

FINAL CHECKS

SITE SECURITY: well/covers/gates... secure? Y/N-If No, Explain

WASTE COMPLIANCE: # of Drums w/: Water___, Soil___, Empty___, Other___

DRUMS labeled? NA/Y/N Gen. Date: _____ Label Type: _____

SOIL pile? Y/N size: _____ cu.yds.

SITE LEFT CLEAN? Y/N

SITE VISIT FORM

Groundwater Technology, Inc. - Concord, California

Project: 20700008-00

Technician: STEVEN STOKER

Site: Tex/2225 Telegraph, Oakla

Scheduled: 1/01/96

Project Mgr: Brian Garber

Site Mgr:

TECHNICIAN'S COMMENTS

CALL DAVID LITTLE ABOUT SLOW
LEAK IN CARBON DRUM INTO
SECONDARY CONTAINMENT

Total Hours Estimated

1.50

Total Hours Used


.75

Travel Time Estimated

.50

Travel Time Used

.50


Technician

**SITE VISITATION FORM
FOR
WASTEWATER DISCHARGE SAMPLING
SYSTEM OPERATION AND MAINTENANCE**

2225 TELEGRAPH OAKLAND
Site Address

Sampled By: STEVEN STREM

Date: 1/2/95

SYSTEM CHECK / READINGS

If Applicable	Yes	No	N/A
Is System Operational	X		
2nd Contain. Float Switch Working	X		
Adjust Flow Rate		X	
Filter Checked and Cleaned	X		
Strainer Checked and Cleaned	X		
Check/Add Water Conditioner			X
Calibrate LEL			X
<u>DRAIN AIR COMPRESSOR</u>	X		
<u>CHECK OIL ON COMPRESSOR</u>	X		

	N/A	Field Data
Effluent Totalizer (gals)		063 2775
Effluent Flow Rate (gpm)		1.0 gpm
Aeration Pressure (psi)	X	
Filter INFL Pressure (psi)	X	
Filter EFFL Pressure (psi)	X	
Carbon Vessel #1 Pressure (psi)	X	
Carbon Vessel #2 Pressure (psi)	X	
Air Compressor Pressure (psi)		105
Hour Meter (hours)		3905.7

SYSTEM SAMPLING

System sampled Y X N
 Monthly Qtrly Semi-Ann Annual

	Sample Point	Sample Point	Sample Point	Sample Point
Temperature (F)				
pH (units)				
Dissolved O ₂ (ppm)				
Electrical Conductivity				

WELL READINGS

Well # R1 Well # R2 Well # _____ Well # _____

Flow Totalizer (gals)	013607	092377		
Flow Rate (gpm)	NOT ON CYCLE	NOT ON CYCLE		
Hour Meter (hours)				
DTW from TOC (ft)				

ANALYTICAL RESULTS

801 Western Avenue
 Glendale, CA 91201
 818/247-5737
 Fax: 818/247-9797

LOG NO: G96-04-235

Received: 11 APR 96

Mailed: APR 23 1996

Mr. Brian Garber
 Groundwater Technology, Inc.
 1401 Halyard Drive, Suite 140
 West Sacramento, California 95691

Purchase Order: 94-1446346+4370

Requisition: 624880195
 Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/BO20)	Date Analyzed	Dilution Factor	TPH-g	Benzene	Toluene	Ethyl-Benzene	Total Xylenes	Carbon Range
			Date	Times	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
RDL				1	50	0.5	0.5	0.5	0.5	
1*1HF	04/09/96	04/16/96		1	1100	64	17	23	130	C6-C12
2*BT-2	04/09/96	04/16/96		1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
3*EFF	04/09/96	04/16/96		1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12

Karen Petryna
 2225 Telegraph, Oakland
 ALAMEDA COUNTY.

Janice Winter for:
 Dick Swenson, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

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RECEIVED
 APR 20 1996



COPY

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE.....	METHOD.....	EQUIP.	BATCH..	ID.NO
			ANALYZED				
9604235*1	INF	GAS.BTX.TESNC	04.16.96	8015M.TX	536-36	96649	6843
9604235*2	BT-2	GAS.BTX.TESNC	04.16.96	8015M.TX	536-36	96649	6843
9604235*3	EFF	GAS.BTX.TESNC	04.16.96	8015M.TX	536-36	96649	6843

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.
ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL

ORDER QC REPORT FOR G9604235

DATE REPORTED : 04/22/96

Page 1

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
1. GRO	C6041717*1					
Date Analyzed	04.16.96	96649	04/16/96	04/16/96	Date	N/A
Benzene	04.16.96	96649	15.6	15.2	ug/L	103
Toluene	04.16.96	96649	88.6	97.4	ug/L	91
Ethylbenzene	04.16.96	96649	18.8	20.4	ug/L	92
Total Xylene Isomers	04.16.96	96649	106	119	ug/L	89
TPH (Gasoline Range)	04.16.96	96649	999	1100	ug/L	91
a,a,a-Trifluorotoluene Rep.	04.16.96	96649	52.2	50.0	ug/L	104
a,a,a-Trifluorotoluene Th.	04.16.96	96649	50.0	50.0	ug/L	100

BC ANALYTICAL

ORDER QC REPORT FOR G9604235

DATE REPORTED : 04/22/96

Page 1

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
l. GRO	9604246*17						
Benzene		04.16.96	96649	101	102	15.2	ug/L
Toluene		04.16.96	96649	88	89	97.4	ug/L
Ethylbenzene		04.16.96	96649	89	90	20.4	ug/L
Total Xylene Isomers		04.16.96	96649	87	87	119	ug/L
TPH (Gasoline Range)		04.16.96	96649	93	90	1100	ug/L
a,a,a-Trifluorotoluene Rep.		04.16.96	96649	106	106	50.0	ug/L
a,a,a-Trifluorotoluene Th.		04.16.96	96649	100	100	50.0	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9604235

DATE REPORTED : 04/22/96

Page 1

MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
1. GRO	9604246*17						
Date Analyzed		04.16.96	96649	04/16/96	04/16/96	Date	N/A
Benzene		04.16.96	96649	15.3	15.5	ug/L	1
Toluene		04.16.96	96649	86.1	87.1	ug/L	1
Ethylbenzene		04.16.96	96649	18.2	18.3	ug/L	1
Total Xylene Isomers		04.16.96	96649	103	104	ug/L	1
TPH (Gasoline Range)		04.16.96	96649	1020	994	ug/L	3
a,a,a-Trifluorotoluene Rep.		04.16.96	96649	53.0	53.0	ug/L	0
a,a,a-Trifluorotoluene Th.		04.16.96	96649	50.0	50.0	ug/L	0

BC ANALYTICAL

ORDER QC REPORT FOR G9604235

DATE REPORTED : 04/22/96

Page 1

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
1. GRO	B604886*1					
Date Analyzed	04.16.96	96649	04/16/96	NA	Date	8015M.TX
Benzene	04.16.96	96649	0	0.5	ug/L	8015M.TX
Toluene	04.16.96	96649	0	0.5	ug/L	8015M.TX
Ethylbenzene	04.16.96	96649	0	0.5	ug/L	8015M.TX
Total Xylene Isomers	04.16.96	96649	0	0.5	ug/L	8015M.TX
TPH (Gasoline Range)	04.16.96	96649	0	50	ug/L	8015M.TX
a,a,a-Trifluorotoluene Rep.	04.16.96	96649	50.2	NA	ug/L	8015M.TX
a,a,a-Trifluorotoluene Th.	04.16.96	96649	50.0	NA	ug/L	8015M.TX

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
3604235*1							
3015M.TXa	,a,a-Trifluorotoluene	Re96649	04/16/96	53.0	50.0	106	
3604235*2							
3015M.TXa	,a,a-Trifluorotoluene	Re96649	04/16/96	50.1	50.0	100	
3604235*3							
3015M.TXa	,a,a-Trifluorotoluene	Re96649	04/16/96	52.6	50.0	105	

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9604246*17*R1							
3015M.TXa	a,a-Trifluorotoluene	Re96649	04/16/96	50.3	50.0	101	
9604246*17*S1							
3015M.TXa	a,a-Trifluorotoluene	Re96649	04/16/96	53.0	50.0	106	
9604246*17*S2							
3015M.TXa	a,a-Trifluorotoluene	Re96649	04/16/96	53.0	50.0	106	
9604246*17*T							
3015M.TXa	a,a-Trifluorotoluene	Re96649	04/16/96	50.0	50.0	100	
3604886*1*MB							
3015M.TXa	a,a-Trifluorotoluene	Re96649	04/16/96	50.2	50.0	100	
36041717*1*LC							
3015M.TXa	a,a-Trifluorotoluene	Re96649	04/16/96	52.2	50.0	104	
36041717*1*LT							
3015M.TXa	a,a-Trifluorotoluene	Re96649	04/16/96	50.0	50.0	100	

CHAIN OF CUSTODY RECORD

BCA Log Number G9604235

Client name: GROUNDWATER TECHNOLOGY
 Project or PO# 02070000B
 Address: 1401 HALYARD DR #140
 City, State, Zip: SACRAMENTO CA
 Report attention: BRIAN GARBER
 Phone #: (916) 372-4700
 Project location: BILL TERACO DIRECT
2225 TELEGRAPH, OAKLAND

Sample number	Date sampled	Time sampled	Type* See key below	Sampled by <u>STEVEN STREM</u>	Number of containers	Analyses required										Remarks			
						BTEX	TPH	G										Hazardous sample Special handling required	
	<u>4-9-96</u>	<u>1305</u>		<u>INF</u>	<u>2</u>	<u>X</u>													
	<u>4-9-96</u>	<u>1303</u>		<u>BT-2</u>	<u>2</u>	<u>X</u>													
	<u>4-9-96</u>	<u>1300</u>		<u>EFF</u>	<u>2</u>	<u>X</u>													
<p><u>Karen Petryna</u> <u>624880195</u> <u>Alameda County</u> <u>FKEP 101SL</u></p>																			

Signature	Print Name	Company	Date	Time
<u>[Signature]</u>	<u>STEVEN STREM</u>	<u>GROUNDWATER TECH</u>	<u>4-11-96</u>	<u>1045</u>
<u>[Signature]</u>	<u>Bill Lyons</u>	<u>BCA</u>	<u>4-11-96</u>	<u>434</u>
<u>[Signature]</u>	<u>Bill Lyons</u>	<u>BCA</u>	<u>4-11-96</u>	<u>580</u>
<u>[Signature]</u>	<u>Anneeta Parekh</u>	<u>BCA</u>	<u>4-12-96</u>	<u>3.3</u>
<u>[Signature]</u>	<u>Anneeta Parekh</u>	<u>BCA</u>		

Note: Samples are discarded 30 days after results are reported unless other arrangements are made.
 Hazardous samples will be returned to client or disposed of at client's expense.

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge
 GW—Groundwater SO—Soil PE—Petroleum
 WW—Wastewater

CHAIN OF CUSTODY RECORD

BCA Log Number G 9604235

Client: GROUNDWATER TECHNOLOGY
 Address: 11 HALYARD DR #140
 City: SACRAMENTO CA
 Project or PO#: 020700008
 Address: 2225 TELEGRAPH, OAKLAND
 Phone #: (916) 372-4700
 Report attention: BRIAN GARBER

Date sampled	Time sampled	Type See key below	Sampled by	Number of containers	Analyses required										Remarks						
			Sample description		/																
4-9-96	1305		STEVEN STREM	INF	2	X															
4-9-96	1303			BT-2	2	X															
4-9-96	1300			EFF	2	X															

Signature	Print Name	Company	Date	Time
<i>[Signature]</i>	STEVEN STREM	GROUNDWATER TECH	4-11-96	10:45
<i>[Signature]</i>	Bill Lyons	BCA	4-11-96	4:34
<i>[Signature]</i>	Bill Lyons	BCA	4-11-96	5:50
<i>[Signature]</i>	Ameeta Parekh	BCA	4-12-96	3:30
<i>[Signature]</i>	Ameeta Parekh	BCA		
Received by Laboratory				

ANALYTICAL

10000 22nd St, Concord, CA 94518 (510) 825-3894

Note: Samples are discarded 30 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client's expense.

*KEY: AQ—Aqueous NA—Nonaqueous SL—Sludge
 GW—Groundwater SO—Soil PE—Petroleum
 WW—Wastewater

801 Western Avenue
 Glendale, CA 91201
 818/247-5737
 Fax: 818/247-9797

LOG NO: G96-03-432
 Received: 14 MAR 96
 Mailed: MAR 21 1996

Mr. Brian Garber
 Groundwater Technology, Inc.
 1401 Halyard Drive, Suite 140
 West Sacramento, California 95691

Purchase Order: 94-1446346+4370
 Requisition: 624880195
 Project: FKPE1015L

REPORT OF ANALYTICAL RESULTS

AQUEOUS

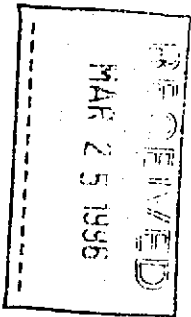
SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020)		Dilution Factor Times	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylenes Isomers ug/L	Carbon Range
		Date Analyzed Date								
RDL				1	50	0.5	0.5	0.5	0.5	
1*Inf	03/13/96	03/18/96		1	380	28	2.7	0.90	40	C6-C12
2*BT-1	03/13/96	03/18/96		1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12

Karen Petyrna
 2225 Telegraph Ave., Oakland
 Alameda County

Dick Swenson
 Dick Swenson, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

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COPY

SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE..... ANALYZED	METHOD.....	EQUIP.	BATCH..	ID.NO
9603432*1	Inf	GAS.BTX.TESNC	03.18.96	8015M.TX	536-23	96544	6843
9603432*2	BT-1	GAS.BTX.TESNC	03.18.96	8015M.TX	536-23	96544	6843

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.
ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL

ORDER QC REPORT FOR G9603432

DATE REPORTED : 03/20/96

Page 1

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
1. BTEX/GRO	C6031826*1					
Date Analyzed	03.18.96	96544	03/18/96	03/18/96	Date	N/A
Benzene	03.18.96	96544	15.8	15.2	ug/L	104
Toluene	03.18.96	96544	95.2	97.4	ug/L	98
Ethylbenzene	03.18.96	96544	19.7	20.4	ug/L	97
Total Xylene Isomers	03.18.96	96544	117	119	ug/L	98
TPH (Gasoline Range)	03.18.96	96544	1120	1100	ug/L	102
a,a,a-Trifluorotoluene Rep.	03.18.96	96544	58.0	50.0	ug/L	116
a,a,a-Trifluorotoluene Th.	03.18.96	96544	50.0	50.0	ug/L	100

BC ANALYTICAL

ORDER QC REPORT FOR G9603432

DATE REPORTED : 03/20/96

Page 1

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
1. GRO	9603422*2						
Benzene		03.18.96	96544	91	90	26.1	ug/L
Toluene		03.18.96	96544	82	81	97.4	ug/L
Ethylbenzene		03.18.96	96544	82	79	21.2	ug/L
Total Xylene Isomers		03.18.96	96544	83	81	119	ug/L
TPH (Gasoline Range)		03.18.96	96544	98	96	1140	ug/L
a,a,a-Trifluorotoluene Rep.		03.18.96	96544	110	111	50.0	ug/L
a,a,a-Trifluorotoluene Th.		03.18.96	96544	100	100	50.0	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9603432

DATE REPORTED : 03/20/96

Page 1

MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
1. BTEX/GRO	9603422*2						
Date Analyzed		03.18.96	96544	03/18/96	03/18/96	Date	N/A
Benzene		03.18.96	96544	24.8	24.6	ug/L	1
Toluene		03.18.96	96544	80.0	78.5	ug/L	2
Ethylbenzene		03.18.96	96544	17.6	17.0	ug/L	3
Total Xylene Isomers		03.18.96	96544	99.0	96.8	ug/L	2
TPH (Gasoline Range)		03.18.96	96544	1120	1100	ug/L	2
a,a,a-Trifluorotoluene Rep.		03.18.96	96544	55.2	55.4	ug/L	0
a,a,a-Trifluorotoluene Th.		03.18.96	96544	50.0	50.0	ug/L	0

BC ANALYTICAL

ORDER QC REPORT FOR G9603432

DATE REPORTED : 03/20/96

Page 1

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
1. BTEX/GRO	B603973*1					
Date Analyzed	03.18.96	96544	03/18/96	NA	Date	8015M
Benzene	03.18.96	96544	0	0.3	ug/L	8015M
Toluene	03.18.96	96544	0	0.3	ug/L	8015M
Ethylbenzene	03.18.96	96544	0	0.3	ug/L	8015M
Total Xylene Isomers	03.18.96	96544	0	0.6	ug/L	8015M
TPH (Gasoline Range)	03.18.96	96544	0	100	ug/L	8015M
a,a,a-Trifluorotoluene Rep.	03.18.96	96544	49.8	0.5	ug/L	8015M
a,a,a-Trifluorotoluene Th.	03.18.96	96544	50.0	NA	ug/L	8015M

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9603432*1							
8015M.TXa	,a,a-Trifluorotoluene	Re96544	03/18/96	50.6	50.0	101	
9603432*2							
8015M.TXa	,a,a-Trifluorotoluene	Re96544	03/18/96	50.6	50.0	101	

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=====
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METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9603422*2*R1							
8015M	a,a,a-Trifluorotoluene	Re96544	03/18/96	51.6	50.0	103	
9603422*2*S1							
8015M	a,a,a-Trifluorotoluene	Re96544	03/18/96	55.2	50.0	110	
9603422*2*S2							
8015M	a,a,a-Trifluorotoluene	Re96544	03/18/96	55.4	50.0	111	
9603422*2*T							
8015M	a,a,a-Trifluorotoluene	Re96544	03/18/96	50.0	50.0	100	
B603973*1*MB							
8015M	a,a,a-Trifluorotoluene	Re96544	03/18/96	49.8	50.0	100	
C6031826*1*LC							
8015M	a,a,a-Trifluorotoluene	Re96544	03/18/96	58.0	50.0	116	
C6031826*1*LT							
8015M	a,a,a-Trifluorotoluene	Re96544	03/18/96	50.0	50.0	100	

801 Western Avenue
Glendale, CA 91201
818/247-5737
Fax: 818/247-9797

LOG NO: G96-02-322

Received: 14 FEB 96

Mailed: FEB 22 1996

Mr. Brian Garber
Groundwater Technology, Inc.
1401 Halyard Drive, Suite 140
West Sacramento, California 95691

Purchase Order: 94-1446346+4370

Requisition: 624880195
Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

Page 1

AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	TPH/BTEX (CADHS/8020)								
			Date Analyzed Date	Dilution Factor Times	TPH-g ug/L	Benzene ug/L	Toluene ug/L	Ethyl-Benzene ug/L	Total Xylenes Isomers ug/L	Carbon Range
RDL				1	50	0.5	0.5	0.5	0.5	
1*Eff	02/14/96	02/20/96		1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12
2*BT-2	02/14/96	02/20/96		1	<50	<0.5	<0.5	<0.5	<0.5	C6-C12

Karen Petryna
2225 Telegraph Ave., Oakland
Alameda County

RECEIVED
 FEB 23 1996



801 Western Avenue
 Glendale, CA 91201
 818/247-5737
 Fax: 818/247-9797

LOG NO: G96-02-322

Received: 14 FEB 96

Mr. Brian Garber
 Groundwater Technology, Inc.
 1401 Halyard Drive, Suite 140
 West Sacramento, California 95691

Purchase Order: 94-1446346+4370

Requisition: 624880195
 Project: FKEP1015L

REPORT OF ANALYTICAL RESULTS

Page 2

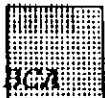
AQUEOUS

SAMPLE DESCRIPTION	DATE SAMPLED	Sample Held Not Analyzed
RDL		
3*Inf	02/14/96	HOLD

Jamie Watson for
 Dick Swenson, Laboratory Director

The analytical results within this report relate only to the specific compounds and samples investigated and may not necessarily reflect other apparently similar material from the same or a similar location.

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SAMPLES...	SAMPLE DESCRIPTION..	DETERM.....	DATE.....	METHOD.....	EQUIP.	BATCH..	ID.NO
			ANALYZED				
9602322*1	Eff	GAS.BTX.TESNC	02.20.96	8015M.TX	536-23	96526	8501
9602322*2	BT-2	GAS.BTX.TESNC	02.20.96	8015M.TX	536-23	96526	8501
9602322*3	Inf	HOLD	02.16.96				6453

Notes: Equipment = BC Analytical identification number for a particular piece of analytical equipment.

ID.NO = BC Analytical employee identification number of analyst.

BC ANALYTICAL

ORDER QC REPORT FOR G9602322

DATE REPORTED : 02/22/96

Page 1

LABORATORY CONTROL STANDARDS
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	LC RESULT	LT RESULT	UNIT	PERCENT RECOVERY
1. BTEX	C6022017*1					
Date Analyzed	02.20.96	96526	02/20/96	02/20/96	Date	N/A
Date Extracted	02.20.96	96526	02/20/96	02/20/96	Date	N/A
Benzene	02.20.96	96526	15.2	15.2	ug/L	100
Toluene	02.20.96	96526	91.0	97.4	ug/L	93
Ethylbenzene	02.20.96	96526	18.5	20.4	ug/L	91
Total Xylene Isomers	02.20.96	96526	111	119	ug/L	93
a,a,a-Trifluorotoluene Rep.	02.20.96	96526	61.7	50.0	ug/L	123 Q
a,a,a-Trifluorotoluene Th.	02.20.96	96526	50.0	50.0	ug/L	100

BC ANALYTICAL

ORDER QC REPORT FOR G9602322

DATE REPORTED : 02/22/96

Page 1

MATRIX QC ACCURACY (SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS %	MSD %	TRUE RESULT	UNIT
1. GRO	9602393*1						
Benzene		02.20.96	96526	103	101	16.3	ug/L
Toluene		02.20.96	96526	97	91	97.9	ug/L
Ethylbenzene		02.20.96	96526	94	90	20.4	ug/L
Total Xylene Isomers		02.20.96	96526	98	93	119	ug/L
a,a,a-Trifluorotoluene Rep.		02.20.96	96526	117	115	50.0	ug/L
a,a,a-Trifluorotoluene Th.		02.20.96	96526	100	100	50.0	ug/L

BC ANALYTICAL

ORDER QC REPORT FOR G9602322

DATE REPORTED : 02/22/96

Page 1

MATRIX QC PRECISION (DUPLICATE SPIKES)
BATCH QC REPORT

PARAMETER	SAMPLE NUMBER	DATE ANALYZED	BATCH NUMBER	MS RESULT	MSD RESULT	UNIT	RELATIVE % DIFF
1. BTEX	9602393*1						
Date Analyzed		02.20.96	96526	02/20/96	02/20/96	Date	N/A
Date Extracted		02.20.96	96526	02/20/96	02/20/96	Date	N/A
Benzene		02.20.96	96526	16.8	16.4	ug/L	2
Toluene		02.20.96	96526	94.8	89.5	ug/L	6
Ethylbenzene		02.20.96	96526	19.2	18.3	ug/L	5
Total Xylene Isomers		02.20.96	96526	117	111	ug/L	5
a,a,a-Trifluorotoluene Rep.		02.20.96	96526	58.6	57.6	ug/L	2
a,a,a-Trifluorotoluene Th.		02.20.96	96526	50.0	50.0	ug/L	0

BC ANALYTICAL

ORDER QC REPORT FOR G9602322

DATE REPORTED : 02/22/96

Page 1

METHOD BLANKS AND REPORTING DETECTION LIMIT (RDL)
FOR BATCHES WHICH INCLUDE THIS ORDER

PARAMETER	DATE ANALYZED	BATCH NUMBER	BLANK RESULT	RDL	UNIT	METHOD
1. BTEX	B6021048*1					
Date Analyzed	02.20.96	96526	02/20/96	NA	Date	8015M
Date Extracted	02.20.96	96526	02/20/96	NA	Date	8015M
Benzene	02.20.96	96526	0	0.3	ug/L	8015M
Toluene	02.20.96	96526	0	0.3	ug/L	8015M
Ethylbenzene	02.20.96	96526	0	0.3	ug/L	8015M
Total Xylene Isomers	02.20.96	96526	0	0.6	ug/L	8015M
a,a,a-Trifluorotoluene Rep.	02.20.96	96526	52.2	0.5	ug/L	8015M
a,a,a-Trifluorotoluene Th.	02.20.96	96526	50.0	NA	ug/L	8015M

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9602322*1							
8015M.TXa	,a,a-Trifluorotoluene	Re96526	02/20/96	52.1	50.0	104	
9602322*2							
8015M.TXa	,a,a-Trifluorotoluene	Re96526	02/20/96	50.9	50.0	102	

METHOD	ANALYTE	BATCH	ANALYZED	REPORTED	TRUE	%REC	FLAG
9602393*1*R1							
8015M	a,a,a-Trifluorotoluene	Re96526	02/20/96	53.7	50.0	107	
9602393*1*S1							
8015M	a,a,a-Trifluorotoluene	Re96526	02/20/96	58.6	50.0	117	
9602393*1*S2							
8015M	a,a,a-Trifluorotoluene	Re96526	02/20/96	57.6	50.0	115	
9602393*1*T							
8015M	a,a,a-Trifluorotoluene	Re96526	02/20/96	50.0	50.0	100	
B6021048*1*MB							
8015M	a,a,a-Trifluorotoluene	Re96526	02/20/96	52.2	50.0	104	
C6022017*1*LC							
8015M	a,a,a-Trifluorotoluene	Re96526	02/20/96	61.7	50.0	123	Q
C6022017*1*LT							
8015M	a,a,a-Trifluorotoluene	Re96526	02/20/96	50.0	50.0	100	

CHAIN OF CUSTODY RECORD

BCA Log Number **G96023**

Client name: **GROUNDWATER TECHNOLOGIES**
 Address: **1401 HAYWARD DR #140**
 State/Zip: **SACRAMENTO CA**
 Project or PO#: **02070200B**
TES TELEGRAPH OAKLAND
 Phone #: **(916) 372-4700**
 Report attention: **BRIAN GARBER**

					Analyses required					Remarks	
Lab. sample number	Date sampled	Time sampled	Type See Key below	Sampled by	Number of containers						
				STEVEN STREM							
				Sample description							
	2-14-96	1046	AG	EFF	2	X				-1	
	2-14-96	1048	AG	BT-2	2	X				-2	
	2-14-96	1050	AG	LVF	2	X				-3	HEAD - AWAITING 17 FROM DAVID L...
				KEP							
				624880195							
				2225 Telegraph Ave							
				Oakland							
				Alameda							
				FKEP1015L							

Signature	Print Name	Company	Date	Time
<i>[Signature]</i>	STEVEN STREM	GROUNDWATER TECH	2-14-96	13:00
<i>[Signature]</i>	Ameeta Parekh	BCA	2-14-96	13:00
<i>[Signature]</i>	Ameeta Parekh	BCA	2-14-96	3:00