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GETTLER-RYAN INC.

TRANSMITTAL

MAY 16 2002

April 26, 2002
G-R #180203

TO: Mr. David B. De Witt
Phillips 66 Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

CC: Mr. Paul Blank
ERI, Inc.
73 Digital Drive, Suite 100
Novato, California 94949

FROM: Deanna L. Harding
Project Coordinator
Gettler-Ryan Inc.
6747 Sierra Court, Suite J
Dublin, California 94568

RE: Former Tosco 76 Service Station
#0843
1629 Webster Street
Alameda, California

WE HAVE ENCLOSED THE FOLLOWING:

| COPIES | DATED | DESCRIPTION |
|--------|----------------|---|
| 1 | April 22, 2002 | Groundwater Monitoring and Sampling Report First Quarter - Event of March 11, 2002 |

COMMENTS:

This report is being sent to you for your review/comment, prior to being distributed on your behalf. If no comments are received by **May 10, 2002**, this report will be distributed to the following:

cc: Ms. Eva Chu, Alameda County Dept., of Environmental Health, 1131 Harbor Bay Parkway, Alameda, CA 94502

Enclosure

trans/0843.dbd



GETTLER-RYAN INC.

April 22, 2002
G-R Job #180203

Mr. David B. De Witt
Phillips 66 Company
2000 Crow Canyon Place, Suite 400
San Ramon, California 94583

RE: First Quarter Event of March 11, 2002
Groundwater Monitoring & Sampling Report
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

Dear Mr. De Witt:

This report documents the most recent groundwater monitoring and sampling event performed by Gettler-Ryan Inc. (G-R) at the referenced site. All field work was conducted in accordance with G-R Standard Operating Procedure - Groundwater Sampling (attached).

Static groundwater levels were measured and all wells were checked for the presence of separate-phase hydrocarbons. Separate-phase hydrocarbons were not present in the wells. Static water level data and groundwater elevations are summarized in Table 1. A Potentiometric Map is included as Figure 1.

Groundwater samples were collected from the monitoring wells as specified by G-R Standard Operating Procedure - Groundwater Sampling (attached). The field data sheets are also attached. The samples were analyzed by Sequoia Analytical. Analytical results are summarized in Tables 1 and 2. A Concentration Map is included as Figure 2. The chain of custody document and laboratory analytical reports are also attached.

Sincerely,

Deanna L. Harding
Project Coordinator

Douglas J. Lee
Senior Geologist, R.G. No. 6882

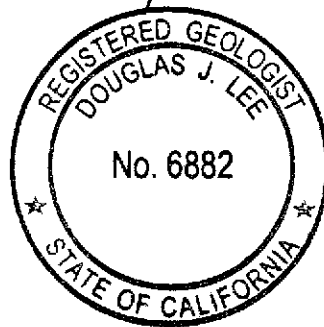
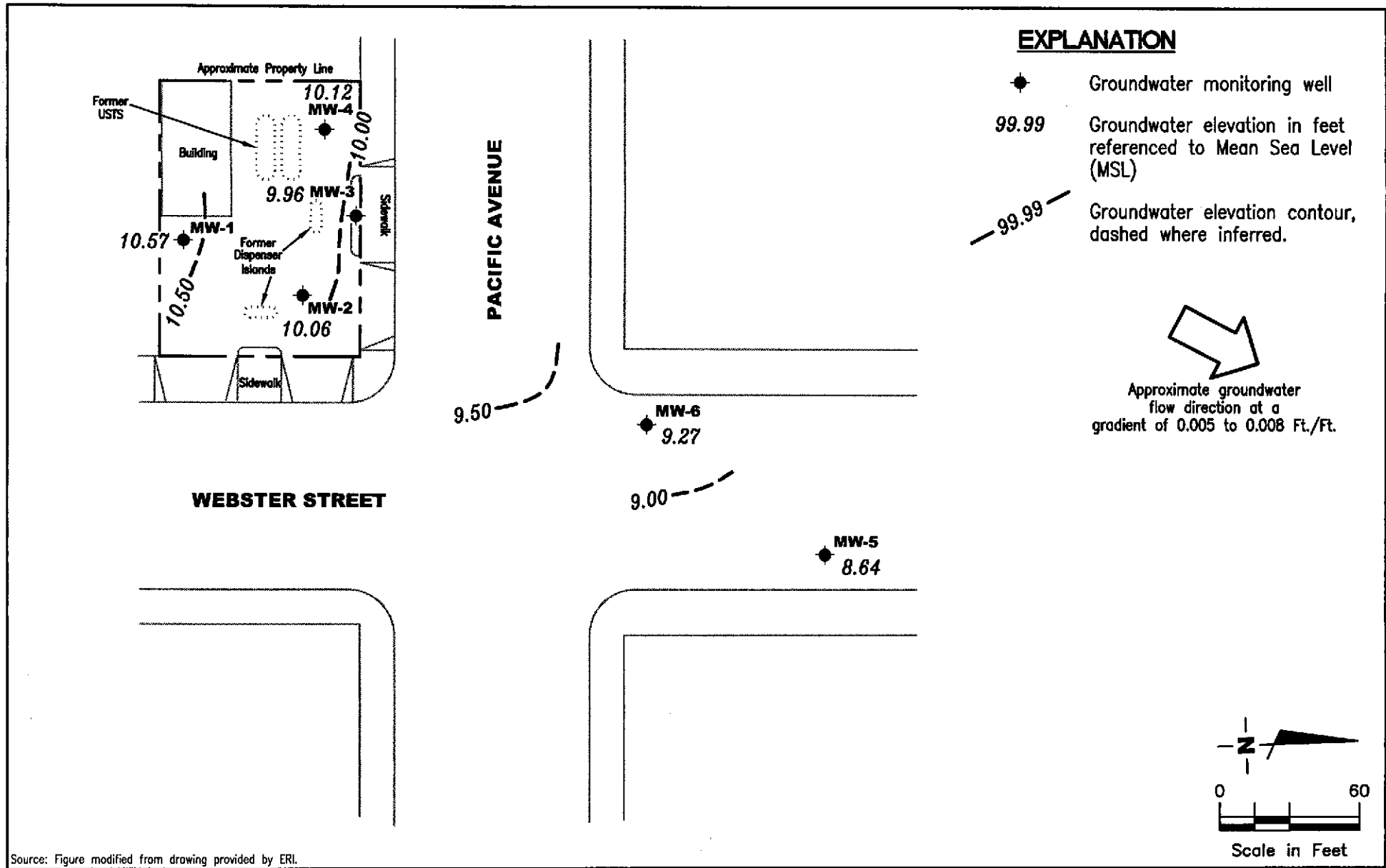


Figure 1: Potentiometric Map
Figure 2: Concentration Map
Table 1: Groundwater Monitoring Data and Analytical Results
Table 2: Groundwater Analytical Results - Oxygenate Compounds
Attachments: Standard Operating Procedure - Groundwater Sampling
Field Data Sheets
Chain of Custody Document and Laboratory Analytical Reports

0843.qml



GETTLER - RYAN INC.
 6747 Sierra Ct., Suite J
 Dublin, CA 94568 (925) 551-7555

POTENTIOMETRIC MAP
 Former Tosco 76 Service Station #0843
 1629 Webster Street
 Alameda, California

FIGURE
1

PROJECT NUMBER
 180203

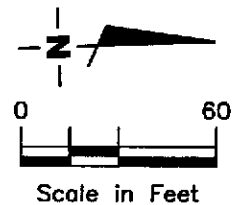
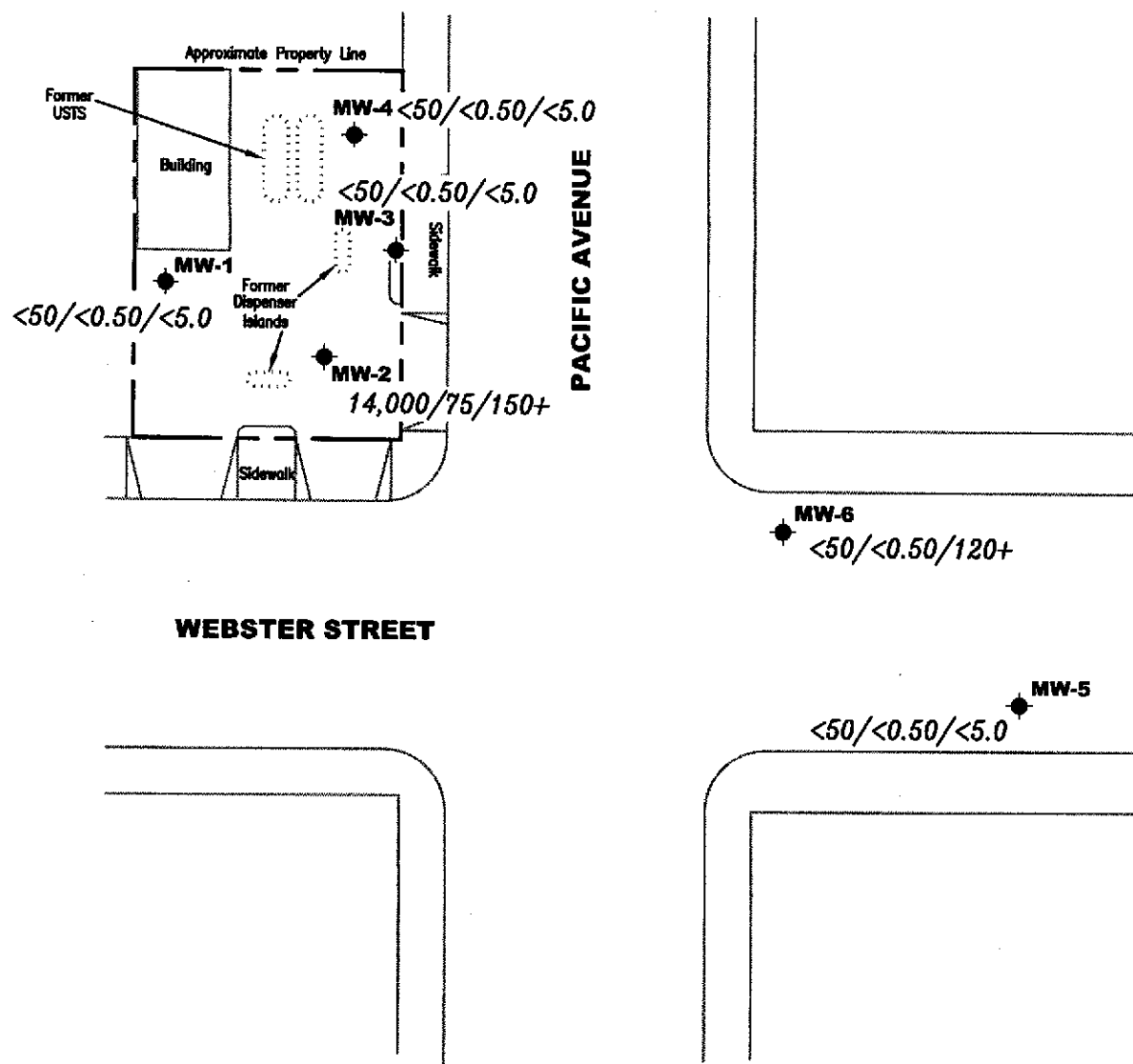
REVIEWED BY

DATE
 March 11, 2002

REVISED DATE

EXPLANATION

- ◆ Groundwater monitoring well
- A/B/C Total Petroleum Hydrocarbons (TPH) as Gasoline/Benzene/MTBE concentrations in ppb
- + MTBE by EPA Method 8260



Source: Figure modified from drawing provided by ERI.

GETTLER - RYAN INC.
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 Dublin, CA 94568 (925) 551-7555

CONCENTRATION MAP
 Former Tosco 76 Service Station #0843
 1629 Webster Street
 Alameda, California

FIGURE

2

PROJECT NUMBER
 180203

REVIEWED BY

DATE
 March 11, 2002

REVISED DATE

Table 1
Groundwater Monitoring Data and Analytical Results
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

| WELL ID/ TOC* (ft.) | DATE | DTW (ft.) | GWE (msl) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|------------------------|-----------------------|--------------|--------------|---------------------------|-----------------|-----------------|-----------------|-----------------|----------------------------------|
| MW-1 | | | | | | | | | |
| 16.18 | 03/05/99 ¹ | -- | -- | 86.6 ³ | ND | 2.04 | ND | 4.06 | 23.9 ² |
| | 06/03/99 | 6.24 | 9.94 | ND | ND | ND | ND | ND | ND/ND ² |
| | 09/02/99 | 7.19 | 8.99 | ND | ND | ND | ND | ND | ND/ND ² |
| | 12/14/99 | 8.07 | 8.11 | ND | ND | ND | ND | ND | ND |
| | 03/14/00 | 5.47 | 10.71 | ND | ND | ND | ND | ND | ND |
| | 05/31/00 | 6.22 | 9.96 | ND | ND | ND | ND | ND | ND |
| | 08/29/00 | 6.82 | 9.36 | ND | ND | ND | ND | ND | ND |
| | 12/01/00 | 7.54 | 8.64 | ND | ND | ND | ND | ND | ND |
| | 03/17/01 | 5.73 | 10.45 | ND | ND | ND | ND | ND | ND |
| | 05/23/01 | 6.43 | 9.75 | ND | ND | ND | ND | ND | ND |
| | 09/24/01 | 7.12 | 9.06 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 12/10/01 | 6.89 | 9.29 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 03/11/02 | 5.61 | 10.57 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| MW-2 | | | | | | | | | |
| 15.57 | 03/05/99 ¹ | -- | -- | 34,400 | 2,070 | 7,710 | 2,340 | 8,240 | 8,460 ² |
| | 06/03/99 | 5.96 | 9.61 | 51,200 ⁴ | 1,820 | 7,570 | 2,510 | 7,320 | 6,460/8,800 ² |
| | 09/02/99 | 6.85 | 8.72 | 17,000 ⁵ | 1,000 | 3,100 | 1,400 | 3,700 | 4,000/3,720 ² |
| | 12/14/99 | 7.65 | 7.92 | 83,000 ⁵ | 3,000 | 22,000 | 4,500 | 17,000 | 9,100/11,000 ² |
| | 03/14/00 | 5.26 | 10.31 | 31,000 ⁵ | 1,600 | 4,600 | 2,300 | 7,300 | 5,700/8,700 ² |
| | 05/31/00 | 5.60 | 9.97 | 9,970 ⁵ | 598 | 1,030 | 487 | 2,060 | 2,500/1,670 ² |
| | 08/29/00 | 6.35 | 9.22 | 7,900 ⁵ | 390 | 1,500 | 280 | 1,900 | 1,800/1,300 ² |
| | 12/01/00 | 7.06 | 8.51 | 87,500 ⁵ | 1,860 | 17,400 | 5,590 | 19,400 | 6,220/3,790 ² |
| | 03/17/01 | 5.98 | 9.59 | 4,310 ⁵ | 371 | 59.0 | 280 | 682 | 321/433 ² |
| | 05/23/01 | 6.97 | 8.60 | 45,400 ⁵ | 374 | 4,490 | 2,790 | 10,900 | ⁷ ND/406 ² |
| | 09/24/01 | 7.56 | 8.01 | 76,000 ³ | 430 | 13,000 | 4,700 | 18,000 | <2,000/480 ² |
| | 12/10/01 | 6.52 | 9.05 | 82,000 ³ | 320 | 9,100 | 4,400 | 16,000 | <2,500/270 ² |
| | 03/11/02 | 5.51 | 10.06 | 14,000³ | 75 | 1,400 | 1,100 | 3,600 | <250/150² |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

| WELL ID/ TOC*(ft.) | DATE | DTW (ft.) | GWE (msl) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|-----------------------|--------------|--------------|------------------|------------|------------|------------|------------|--------------------------|
| MW-3 | 03/05/99 ¹ | -- | -- | 135 ³ | ND | ND | ND | 4.84 | 2.46 ² |
| 15.11 | 06/03/99 | 5.57 | 9.54 | ND | ND | ND | ND | ND | 5.23/12.7 ² |
| | 09/02/99 | 6.50 | 8.61 | ND | ND | ND | ND | ND | 13/11.0 ² |
| | 12/14/99 | 7.28 | 7.83 | ND | ND | ND | ND | ND | ND |
| | 03/14/00 | 4.87 | 10.24 | ND | ND | ND | ND | ND | 7.2/6.3 ² |
| | 05/31/00 | 5.58 | 9.53 | ND | ND | ND | ND | ND | ND |
| | 08/29/00 | 6.06 | 9.05 | ND | ND | ND | ND | ND | ND |
| | 12/01/00 | 6.76 | 8.35 | ND | ND | ND | ND | ND | ND |
| | 03/17/01 | 5.09 | 10.02 | ND | ND | ND | ND | ND | ND |
| | 05/23/01 | 5.72 | 9.39 | ND | ND | ND | ND | ND | ND |
| | 09/24/01 | 6.34 | 8.77 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 12/10/01 | 6.31 | 8.80 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 03/11/02 | 5.15 | 9.96 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| MW-4 | 03/05/99 ¹ | -- | -- | ND | ND | ND | ND | 2.44 | 25.2 ² |
| 15.17 | 06/03/99 | 5.45 | 9.72 | ND | ND | ND | ND | ND | ND/3.96 ² |
| | 09/02/99 | 6.48 | 8.69 | ND | ND | ND | ND | ND | 23/27.0 ² |
| | 12/14/99 | 7.27 | 7.90 | ND | ND | ND | ND | ND | 200/270 ² |
| | 03/14/00 | 4.67 | 10.50 | ND | ND | ND | ND | ND | 46/49 ² |
| | 05/31/00 | 5.48 | 9.69 | ND | ND | ND | ND | ND | ND |
| | 08/29/00 | 6.10 | 9.07 | ND | ND | ND | ND | ND | 6.1/3.2 ² |
| | 12/01/00 | 6.79 | 8.38 | ND | ND | ND | ND | ND | 152/101 ² |
| | 03/17/01 | 5.01 | 10.16 | ND | ND | ND | ND | ND | ND |
| | 05/23/01 | 5.78 | 9.39 | ND | ND | ND | ND | ND | ND |
| | 09/24/01 | 6.42 | 8.75 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 12/10/01 | 6.41 | 8.76 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 1,700/1,300 ² |
| | 03/11/02 | 5.05 | 10.12 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

| WELL ID/ TOC*(ft.) | DATE | DTW (ft.) | GWE (msl) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|------------------------|--------------|--------------|---------------------|-----------------|-----------------|-----------------|-----------------|------------------------------|
| MW-5 13.34 | 12/14/99 | 6.45 | 6.89 | ND | ND | ND | ND | ND | 3.5/3.8 ² |
| | 03/14/00 | 4.46 | 8.88 | ND | ND | ND | ND | ND | ND |
| | 05/31/00 | 5.18 | 8.16 | ND | ND | ND | ND | ND | ND |
| | 08/29/00 | 5.46 | 7.88 | ND | ND | ND | ND | ND | ND |
| | 12/01/00 | 5.95 | 7.39 | ND | ND | ND | ND | ND | ND |
| | 03/17/01 | 5.36 | 7.98 | ND | ND | ND | ND | ND | ND |
| | 05/23/01 | 5.09 | 8.25 | ND | ND | ND | ND | ND | ND |
| | 09/24/01 | 5.58 | 7.76 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 12/10/01 | 5.51 | 7.83 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 03/11/02 | 4.70 | 8.64 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| MW-6 14.08 | 12/14/99 | 6.64 | 7.44 | ND | ND | ND | ND | ND | 11,000/18,000 ² |
| | 03/14/00 | 4.72 | 9.36 | ND ⁷ | ND ⁷ | ND ⁷ | ND ⁷ | ND ⁷ | 19,000/21,000 ^{2,6} |
| | 05/31/00 | 5.28 | 8.80 | ND ⁷ | ND ⁷ | ND ⁷ | ND ⁷ | ND ⁷ | 13,200 |
| | 08/29/00 | 5.39 | 8.69 | ND | ND | ND | ND | ND | 270/400 ² |
| | 12/01/00 | 6.11 | 7.97 | ND | ND | ND | ND | ND | 6,330/3,640 ² |
| | 03/17/01 | 6.02 | 8.06 | 18,700 ⁵ | 2,950 | 989 | 1,040 | 3,000 | 10,200/11,500 ² |
| | 05/23/01 | 5.82 | 8.26 | ND ⁷ | ND ⁷ | ND ⁷ | ND ⁷ | ND ⁷ | 4,660 ⁸ |
| | 09/24/01 ¹⁰ | 6.59 | 7.49 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 160/190 ⁹ |
| | 12/10/01 | 6.50 | 7.58 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 3,200/2,400 ² |
| | 03/11/02 | 4.81 | 9.27 | <50 | <0.50 | <0.50 | <0.50 | <0.50 | 92/120 ² |
| Trip Blank | 03/05/99 ¹ | -- | -- | ND | ND | ND | ND | ND | ND ² |
| TB-LB | 06/03/99 | -- | -- | ND | ND | ND | ND | ND | ND |
| | 09/02/99 | -- | -- | ND | ND | ND | ND | ND | ND |
| | 12/14/99 | -- | -- | ND | ND | ND | ND | ND | ND |
| | 03/14/00 | -- | -- | ND | ND | ND | ND | ND | ND |
| | 05/31/00 | -- | -- | ND | ND | ND | ND | ND | ND |
| | 08/29/00 | -- | -- | ND | ND | ND | ND | ND | ND |
| | 12/01/00 | -- | -- | ND | ND | ND | ND | ND | ND |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

| WELL ID/ TOC*(ft.) | DATE | DTW (ft.) | GWE (msl) | TPH-G (ppb) | B (ppb) | T (ppb) | E (ppb) | X (ppb) | MTBE (ppb) |
|-----------------------|----------|--------------|--------------|----------------|------------|------------|------------|------------|---------------|
| TB-LB | 03/17/01 | -- | -- | ND | ND | ND | ND | ND | ND |
| (cont) | 05/23/01 | -- | -- | ND | ND | ND | ND | ND | ND |
| | 09/24/01 | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 12/10/01 | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |
| | 03/11/02 | -- | -- | <50 | <0.50 | <0.50 | <0.50 | <0.50 | <5.0 |

Table 1
Groundwater Monitoring Data and Analytical Results
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

EXPLANATIONS:

Groundwater monitoring data and laboratory analytical results prior to June 3, 1999, were compiled from reports prepared by ERI, Inc.

| | | |
|--|------------------------------------|--------------------------------|
| TOC = Top of Casing | B = Benzene | (ppb) = Parts per billion |
| (ft.) = Feet | T = Toluene | ND = Not Detected |
| DTW = Depth to Water | E = Ethylbenzene | -- = Not Measured/Not Analyzed |
| GWE = Groundwater Elevation | X = Xylenes | |
| (msl) = Mean sea level | MTBE = Methyl tertiary butyl ether | |
| TPH-G = Total Petroleum Hydrocarbons as Gasoline | | |

* TOC elevations are based on USC&GS Benchmark WEB PAC - 1947 - R 1951; (Elevation = 14.054 feet).

¹ B,T,E,X by EPA Method 8260.

² MTBE by EPA Method 8260.

³ Laboratory report indicates weathered gasoline C6-C12.

⁴ Laboratory report indicates chromatogram pattern C6-C12.

⁵ Laboratory report indicates gasoline C6-C12.

⁶ Laboratory report indicates sample was analyzed 03/28/00 but required reanalysis at a dilution. The dilution was analyzed outside of the EPA recommended holding time.

⁷ Detection limit raised. Refer to analytical reports.

⁸ Laboratory did not perform analysis for MTBE by EPA Method 8260 as requested on the Chain of Custody for 8020 MTBE hits.

⁹ MTBE by EPA Method 8260 was analyzed past the EPA recommended holding time.

¹⁰ Due to laboratory error, MW-6 was not analyzed within the EPA recommended holding time.

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

| WELL ID | DATE | ETHANOL (ppb) | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) | 1,2-DCA (ppb) | EDB (ppb) |
|----------|----------|------------------|-----------------|---------------|-----------------|-----------------|-----------------|------------------|-----------------|
| MW-1 | 09/02/99 | ND | ND | ND | ND | ND | ND | -- | -- |
| MW-2 | 09/02/99 | ND ¹ | ND ¹ | 3,720 | ND ¹ | ND ¹ | ND ¹ | -- | -- |
| | 12/14/99 | ND ¹ | ND ¹ | 11,000 | ND ¹ | ND ¹ | ND ¹ | ND ¹ | ND ¹ |
| | 03/14/00 | ND ¹ | 1,300 | 8,700 | ND ¹ | ND ¹ | ND ¹ | ND ¹ | ND ¹ |
| | 05/31/00 | ND ¹ | ND ¹ | 1,670 | ND ¹ | ND ¹ | ND ¹ | ND ¹ | ND ¹ |
| | 08/29/00 | ND | 250 | 1,300 | ND | ND | ND | ND | ND |
| | 12/01/00 | ND ¹ | ND ¹ | 3,790 | ND ¹ | ND ¹ | ND ¹ | ND ¹ | ND ¹ |
| | 03/17/01 | ND ¹ | ND ¹ | 433 | 14.8 | ND ¹ | ND ¹ | ND ¹ | ND ¹ |
| | 05/23/01 | ND ¹ | ND ¹ | 406 | ND ¹ | ND ¹ | ND ¹ | ND ¹ | ND ¹ |
| | 09/24/01 | <50,000 | <5,000 | 480 | <100 | <100 | <100 | <100 | <100 |
| | 12/10/01 | <12,000 | <500 | 270 | <25 | <25 | <25 | <25 | <25 |
| 03/11/02 | <5,000 | <1,000 | 150 | <20 | <20 | <20 | <20 | <20 | |
| MW-3 | 09/02/99 | ND | ND | 11.0 | ND | ND | ND | -- | -- |
| | 03/14/00 | -- | -- | 6.3 | -- | -- | -- | -- | -- |
| MW-4 | 09/02/99 | ND | ND | 27.0 | ND | ND | ND | -- | -- |
| | 12/14/99 | -- | -- | 270 | -- | -- | -- | -- | -- |
| | 03/14/00 | -- | -- | 49 | -- | -- | -- | -- | -- |
| | 08/29/00 | -- | -- | 3.2 | -- | -- | -- | -- | -- |
| | 12/10/01 | <7,100 | <290 | 1,300 | <14 | <14 | <14 | <14 | <14 |
| MW-5 | 12/14/99 | -- | -- | 3.8 | -- | -- | -- | -- | -- |

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

| WELL ID | DATE | ETHANOL (ppb) | TBA (ppb) | MTBE (ppb) | DIPE (ppb) | ETBE (ppb) | TAME (ppb) | 1,2-DCA (ppb) | EDB (ppb) |
|---------|-----------------------|------------------|-----------------|---------------------|-----------------|-----------------|-----------------|------------------|-----------------|
| MW-6 | 12/14/99 | -- | -- | 18,000 | -- | -- | -- | -- | -- |
| | 03/14/00 | -- | -- | 21,000 ² | -- | -- | -- | -- | -- |
| | 08/29/00 | -- | -- | 400 | -- | -- | -- | -- | -- |
| | 03/17/01 | ND ¹ | ND ¹ | 11,500 | ND ¹ | ND ¹ | ND ¹ | 219 | ND ¹ |
| | 05/23/01 ³ | -- | -- | -- | -- | -- | -- | -- | -- |
| | 09/24/01 ⁴ | <1,000 | <100 | 190 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |
| | 12/10/01 | <12,000 | <500 | 2,400 | <25 | <25 | <25 | <25 | <25 |
| | 03/11/02 | <500 | <100 | 120 | <2.0 | <2.0 | <2.0 | <2.0 | <2.0 |

Table 2
Groundwater Analytical Results - Oxygenate Compounds
Former Tosco 76 Service Station #0843
1629 Webster Street
Alameda, California

EXPLANATIONS:

TBA = Tertiary butyl alcohol
MTBE = Methyl tertiary butyl ether
DIPE = Di-isopropyl ether
ETBE = Ethyl tertiary butyl ether
TAME = Tertiary amyl methyl ether
1,2-DCA = 1,2-Dichloroethane
EDB = 1,2-Dibromoethane
(ppb) = Parts per billion
-- = Not Analyzed
ND = Not Detected

ANALYTICAL METHOD:

EPA Method 8260 for Oxygenate Compounds

- ¹ Detection limit raised. Refer to analytical reports.
- ² Laboratory report indicates sample was analyzed 03/28/00 but required reanalysis at a dilution. The dilution was analyzed outside of the EPA recommended holding time.
- ³ Laboratory did not perform analysis for oxygenates as requested on the Chain of Custody, on all 8020 MTBE hits.
- ⁴ Laboratory report indicates sample was analyzed past the EPA recommended holding time.

STANDARD OPERATING PROCEDURE - GROUNDWATER SAMPLING

Gettler-Ryan Inc. field personnel adhere to the following procedures for the collection and handling of groundwater samples prior to analysis by the analytical laboratory. Prior to sample collection, the type of analysis to be performed is determined. Loss prevention of volatile compounds is controlled and sample preservation for subsequent analysis is maintained.

Prior to sampling, the presence or absence of free-phase hydrocarbons is determined using an interface probe. Product thickness, if present, is measured to the nearest 0.01 foot and is noted in the field notes. In addition, static water level measurements are collected with the interface probe and are also recorded in the field notes.

After water levels are collected and prior to sampling, temperature, pH and electrical conductivity are measured. If purging is to occur, each well is purged a minimum of three well casing volumes of water using pre-cleaned pumps (stack, suction, Grundfos), or polyvinyl chloride bailers. The measurements are taken a minimum of three times during the purging. Purging continues until these parameters stabilize.

Groundwater samples are collected using disposable bailers. The water samples are transferred from the bailer into appropriate containers. Pre-preserved containers, supplied by analytical laboratories, are used when possible. When pre-preserved containers are not available, the laboratory is instructed to preserve the sample as appropriate. Duplicate samples are collected for the laboratory to use in maintaining quality assurance/quality control standards. The samples are labeled to include the job number, sample identification, collection date and time, analysis, preservation (if any), and the sample collector's initials. The water samples are placed in a cooler, maintained at 4°C for transport to the laboratory. Once collected in the field, all samples are maintained under chain of custody until delivered to the laboratory.

The chain of custody document includes the job number, type of preservation, if any, analysis requested, sample identification, date and time collected, and the sample collector's name. The chain of custody is signed and dated (including time of transfer) by each person who receives or surrenders the samples, beginning with the field personnel and ending with the laboratory personnel.

A laboratory supplied trip blank accompanies each sampling set. For sampling sets greater than 20 samples, 5% trip blanks are included. The trip blank is analyzed for some or all of the same compounds as the groundwater samples.

As requested by Phillips 66 Company, the purge water and decontamination water generated during sampling activities is transported to Phillips 66 - San Francisco Refinery, located in Rodeo, California.

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/
Facility # 0843
Address: 1629 Webster st.
City: Alameda, CA.

Job#: 180203
Date: 3-11-02
Sampler: Joe

Well ID MW-1
Well Diameter 2 in.
Total Depth 20.05 ft.
Depth to Water 5.61 ft.

Well Condition: O.K.
Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

14.44 X VF 0.17 = 2.45 X 3 (case volume) = Estimated Purge Volume: 7.5 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 11:46
Sampling Time: 12:07 p.m. (1207)
Purging Flow Rate: 1 gpm.
Did well de-water? _____

Weather Conditions: clear
Water Color: clear Odor: none
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity μ mhos/cm ¹⁰⁰ | Temperature $^{\circ}$ F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|---|--------------------------|-------------|----------|------------------|
| <u>11:54</u> | <u>2.5</u> | <u>7.57</u> | <u>12.69</u> | <u>72.6</u> | _____ | _____ | _____ |
| <u>11:56</u> | <u>5</u> | <u>7.58</u> | <u>12.54</u> | <u>73.0</u> | _____ | _____ | _____ |
| <u>11:58</u> | <u>7.5</u> | <u>7.60</u> | <u>12.52</u> | <u>72.5</u> | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-----------------|----------|---------------|-------------|-------------------------|
| <u>MW-1</u> | <u>3VDA</u> | <u>Y</u> | <u>HCL</u> | <u>Seq.</u> | <u>TPHG, BTGX, MTSE</u> |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/
Facility # 0843
Address: 1629 Webster St.
City: Alameda, CA.

Job#: 180203
Date: 3-11-02
Sampler: Joe

Well ID MW-2
Well Diameter 2 in.
Total Depth 20.24 ft.
Depth to Water 5.51 ft.

Well Condition: O.K.
Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

14.73 x VF 0.17 = 2.50 x 3 (case volume) = Estimated Purge Volume: 8 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 2:50
Sampling Time: 3:10 p.m. (1510)
Purging Flow Rate: _____ gpm.
Did well de-water? _____

Weather Conditions: clear
Water Color: clear Odor: yes
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity μ mhos/cm ¹⁰⁰ | Temperature ^F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|-------------|---------------|-------------|---|--------------------------|-------------|----------|------------------|
| <u>2:57</u> | <u>3</u> | <u>7.26</u> | <u>6.40</u> | <u>72.2</u> | | | |
| <u>2:59</u> | <u>5</u> | <u>7.31</u> | <u>6.46</u> | <u>72.5</u> | | | |
| <u>3:02</u> | <u>8</u> | <u>7.32</u> | <u>6.51</u> | <u>71.9</u> | | | |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-----------------|----------|---------------|-------------|--------------------------|
| <u>MW-2</u> | <u>3VOL</u> | <u>Y</u> | <u>HCL</u> | <u>Seq.</u> | <u>TPHG, BTEX, MTSE</u> |
| | <u>2VOL</u> | <u>"</u> | <u>"</u> | <u>"</u> | <u>(8) OKY's by 8260</u> |
| | | | | | |
| | | | | | |

COMMENTS: one padlock

WELL MONITORING/SAMPLING FIELD DATA SHEET

Client/
Facility # 0843
Address: 1629 Webster St.
City: Alameda, CA.

Job#: 180203
Date: 3-11-02
Sampler: Joe

Well ID MW-3

Well Condition: O.K.

Well Diameter 2 in.

Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

Total Depth 19.91 ft

Depth to Water 5.15 ft

| | | | |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38 | 4" = 0.66 |
| | 6" = 1.50 | 12" = 5.80 | |

14.76 X VF 0.17 = 2.51 X 3 (case volume) = Estimated Purge Volume: 8 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 12:15
Sampling Time: 12:31 P.M. (1231)
Purging Flow Rate: _____ l/gpm.
Did well de-water? _____

Weather Conditions: clear
Water Color: clear Odor: none
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm}$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|----------------------------------|--------------------------------|-------------|----------|------------------|
| <u>12:25</u> | <u>3</u> | <u>7.67</u> | <u>11.22</u> | <u>73.1</u> | _____ | _____ | _____ |
| <u>12:28</u> | <u>5</u> | <u>7.70</u> | <u>11.31</u> | <u>72.9</u> | _____ | _____ | _____ |
| <u>12:30</u> | <u>8</u> | <u>7.65</u> | <u>11.27</u> | <u>73.0</u> | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-----------------|----------|---------------|-------------|------------------------|
| <u>MW-3</u> | <u>3VDA</u> | <u>Y</u> | <u>HCL</u> | <u>Seq.</u> | <u>TPH, BTEX, MTSE</u> |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/
Facility # 0843
Address: 1629 Webster st.
City: Alameda, CA.

Job#: 180203
Date: 3-11-02
Sampler: Joe

Well ID MW-4
Well Diameter 2 in.
Total Depth 19.78 ft.
Depth to Water 5.05 ft.

Well Condition: O.K.

Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

| | | | |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38 | 4" = 0.66 |
| | 6" = 1.50 | 12" = 5.80 | |

14.73 x VF 0.17 = 2.51 x 3 (case volume) = Estimated Purge Volume: 8 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 2:14
Sampling Time: 2:42 P.M. (1442)
Purging Flow Rate: 1 gpm.
Did well de-water? _____

Weather Conditions: clear
Water Color: clear Odor: none
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity μ mhos/cm ¹⁰⁰ | Temperature $^{\circ}$ F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|-------------|---------------|-------------|---|--------------------------|-------------|----------|------------------|
| <u>2:26</u> | <u>3</u> | <u>7.11</u> | <u>7.96</u> | <u>73.1</u> | | | |
| <u>2:28</u> | <u>5</u> | <u>7.18</u> | <u>8.08</u> | <u>73.3</u> | | | |
| <u>2:31</u> | <u>8</u> | <u>7.21</u> | <u>8.12</u> | <u>73.3</u> | | | |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-----------------|----------|---------------|-------------|-------------------------|
| <u>MW-4</u> | <u>3VOA</u> | <u>Y</u> | <u>HCL</u> | <u>Seq.</u> | <u>TPHG, BTEX, MTSE</u> |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/
Facility # 0843
Address: 1629 Webster St.
City: Alameda, CA.

Job#: 180203
Date: 3-11-02
Sampler: Joe

Well ID MW-5
Well Diameter 2 in.
Total Depth 20.23 ft.
Depth to Water 4.70 ft.

Well Condition: O.K.
Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)
Volume Factor (VF) 2" = 0.17 3" = 0.38 4" = 0.66
6" = 1.50 12" = 5.80

15.53 X VF 0.17 = 2.64 X 3 (case volume) = Estimated Purge Volume: 2 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 12:45
Sampling Time: 1:08 p.m. (1308)
Purging Flow Rate: 1 gpm
Did well de-water? _____

Weather Conditions: clear
Water Color: clear Odor: none
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity $\mu\text{mhos/cm}$ | Temperature $^{\circ}\text{F}$ | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|--------------|---------------|-------------|----------------------------------|--------------------------------|-------------|----------|------------------|
| <u>12:53</u> | <u>3</u> | <u>7.53</u> | <u>10.29</u> | <u>72.1</u> | _____ | _____ | _____ |
| <u>12:55</u> | <u>5.5</u> | <u>7.57</u> | <u>10.35</u> | <u>72.6</u> | _____ | _____ | _____ |
| <u>12:58</u> | <u>8</u> | <u>7.58</u> | <u>10.33</u> | <u>72.5</u> | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ | _____ | _____ |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-----------------|----------|---------------|-------------|-------------------------|
| <u>MW-5</u> | <u>3 VOA</u> | <u>Y</u> | <u>HCL</u> | <u>Seq.</u> | <u>TPHG, BTGR, MTSE</u> |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |
| _____ | _____ | _____ | _____ | _____ | _____ |

COMMENTS: _____

**WELL MONITORING/SAMPLING
FIELD DATA SHEET**

Client/
Facility # 0843
Address: 1629 Webster st.
City: Alameda, CA.

Job#: 180203
Date: 3-11-02
Sampler: Joe

Well ID MW-6
Well Diameter 2 in.
Total Depth 20.16 ft.
Depth to Water 4.81 ft.

Well Condition: O.K.

Hydrocarbon Thickness: 0 in. Amount Bailed (product/water): 0 (gal.)

| | | | |
|--------------------|-----------|------------|-----------|
| Volume Factor (VF) | 2" = 0.17 | 3" = 0.38 | 4" = 0.66 |
| | 6" = 1.50 | 12" = 5.80 | |

15.35 X VF 0.17 = 2.61 X 3 (case volume) = Estimated Purge Volume: 8 (gal.)

Purge Equipment: Disposable Bailer
Bailer
Stack
Suction
Grundfos
Other: _____

Sampling Equipment: Disposable Bailer
Bailer
Pressure Bailer
Grab Sample
Other: _____

Starting Time: 1:30
Sampling Time: 1:55 PM (1355)
Purging Flow Rate: 1 gpm.
Did well de-water? _____

Weather Conditions: clear
Water Color: clear Odor: none
Sediment Description: _____
If yes; Time: _____ Volume: _____ (gal.)

| Time | Volume (gal.) | pH | Conductivity μ mhos/cm | Temperature F | D.O. (mg/L) | ORP (mV) | Alkalinity (ppm) |
|-------------|---------------|-------------|----------------------------|---------------|-------------|----------|------------------|
| <u>1:40</u> | <u>3</u> | <u>7.36</u> | <u>6.18</u> | <u>72.5</u> | | | |
| <u>1:42</u> | <u>5</u> | <u>7.33</u> | <u>6.20</u> | <u>72.5</u> | | | |
| <u>1:45</u> | <u>8</u> | <u>7.34</u> | <u>6.24</u> | <u>72.4</u> | | | |
| | | | | | | | |
| | | | | | | | |

LABORATORY INFORMATION

| SAMPLE ID | (#) - CONTAINER | REFRIG. | PRESERV. TYPE | LABORATORY | ANALYSES |
|-------------|-----------------|----------|---------------|-------------|-------------------------|
| <u>MW-6</u> | <u>3VDA</u> | <u>Y</u> | <u>HCL</u> | <u>Seq.</u> | <u>TPHG, BTEX, MTSE</u> |
| | | | | | |
| | | | | | |

COMMENTS: _____

Chain-of-Custody-Record



Facility Number TOSCO (Former) SS #0843
 Facility Address 1629 Webster Street, Alameda, CA
 Consultant Project Number 180203.85
 Consultant Name Gettler-Ryan Inc. (G-R Inc.)
 Address 6747 SIERRA COURT, SUITE J, DUBLIN, CA 94568
 Project Contact (Name) Geanna L. Harding
 (Phone) 925-551-7555 (Fax Number) 925-551-7899

Contact (Name) MR. Dave DeWitt
 (Phone) 925-277-2384
 Laboratory Name Sequoia Analytical
 Laboratory Release Number _____
 Sample Collected by (Name) SOE AJEMIAN
 Collection Date 3-11-02
 Signature _____

| Sample Number | Lab Sample Number | Number of Containers | Matrix | | Time | Sample Preservation | Iod (Yes or No) | Analyses To Be Performed | | | | | | | | | | DO NOT BILL TB-LB ANALYSIS | | | |
|---------------|-------------------|----------------------|---------------------------------------|---------|------|---------------------|-----------------|--------------------------|---|------------------------------|-------------------|-----------------------|-------------------------------|----------------------------|---------------------------|-----------------------------|---------------------------------------|----------------------------|-----------------------------|--|--|
| | | | S = Soil W = Water C = Charcoal | A = Air | | | | Type | G = Grab C = Composite D = Discrete | TPM Gas - STEC w/MTBE (8011) | TPH Dissol (8015) | Oil and Grease (8020) | Purgeable Hydrocarbons (8010) | Purgeable Aromatics (8006) | Purgeable Organics (8240) | Extractable Organics (8270) | Metals Cd, Cu, Pb, Zn, Ni (EPA or AA) | | (8) 0.1, 1, 5, 6, 9, 26, 60 | | |
| TB-LB | 01 | 1 | W | G | - | HCL | Y | ✓ | | | | | | | | | | | | | |
| MW-1 | 02 | 3 | | | 1207 | | | ✓ | | | | | | | | | | | | | |
| MW-2 | 03 | 3 | | | 1510 | | | ✓ | | | | | | | | | | | | | |
| MW-3 | 04 | 3 | | | 1231 | | | ✓ | | | | | | | | | | | | | |
| MW-4 | 05 | " | | | 1442 | | | ✓ | | | | | | | | | | | | | |
| MW-5 | 06 | " | | | 1308 | | | ✓ | | | | | | | | | | | | | |
| MW-6 | 07 | " | | | 1355 | | | ✓ | | | | | | | | | | | | | |

DO NOT BILL TB-LB ANALYSIS

8 Oxy's - MTOE, TBA, OPE, RTBE, TAME, I, 2DCA, EDB, Ethanol

RUN 8 OXY'S BY E260 ON ALL 8020 METH. INTS.

| | | | | | | |
|-----------------------------------|------------------------------|--------------------------|--|--------------------|--------------------------|---|
| Relinquished By (Signature) _____ | Organization <u>G-R Inc.</u> | Date/Time <u>3-11-02</u> | Received By (Signature) _____ | Organization _____ | Date/Time <u>3/11/02</u> | Turn Around Time (Circle Choice) 24 Hrs. 48 Hrs. 5 Days 10 Days |
| Relinquished By (Signature) _____ | Organization _____ | Date/Time _____ | Received By (Signature) _____ | Organization _____ | Date/Time _____ | |
| Relinquished By (Signature) _____ | Organization _____ | Date/Time _____ | Received For Laboratory By (Signature) _____ | Organization _____ | Date/Time _____ | |



**Sequoia
Analytical**

1551 Industrial Road
San Carlos, CA 94070
(650) 232-9600
FAX (650) 232-9612
www.sequoialabs.com

25 March, 2002

Deanna Harding
Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin, CA 94568

RECEIVED
MARCH 27 2002
GETTLER-RYAN INC.
GENERAL CONTRACTORS

RE: Tosco(1)
Sequoia Report: L203044

Enclosed are the results of analyses for samples received by the laboratory on 03/11/02 18:50. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Richard G. Yee For Wayne Stevenson
Project Manager

CA ELAP Certificate #2360



Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

ANALYTICAL REPORT FOR SAMPLES

| Sample ID | Laboratory ID | Matrix | Date Sampled | Date Received |
|-----------|---------------|--------|----------------|----------------|
| TB-LB | L203044-01 | Water | 03/11/02 00:00 | 03/11/02 18:50 |
| MW-1 | L203044-02 | Water | 03/11/02 12:07 | 03/11/02 18:50 |
| MW-2 | L203044-03 | Water | 03/11/02 15:10 | 03/11/02 18:50 |
| MW-3 | L203044-04 | Water | 03/11/02 12:31 | 03/11/02 18:50 |
| MW-4 | L203044-05 | Water | 03/11/02 14:42 | 03/11/02 18:50 |
| MW-5 | L203044-06 | Water | 03/11/02 13:08 | 03/11/02 18:50 |
| MW-6 | L203044-07 | Water | 03/11/02 13:55 | 03/11/02 18:50 |

Sequoia Analytical - San Carlos

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

Richard G. Yee For Wayne Stevenson, Project Manager



Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B

Sequoia Analytical - San Carlos

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| TB-LB (L203044-01) Water Sampled: 03/11/02 00:00 Received: 03/11/02 18:50 | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | 1 | 2030065 | 03/23/02 | 03/23/02 | EPA 8021B | |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 94.2 % | | 70-130 | " | " | " | " | |
| MW-1 (L203044-02) Water Sampled: 03/11/02 12:07 Received: 03/11/02 18:50 | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | 1 | 2030064 | 03/23/02 | 03/23/02 | EPA 8021B | |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 102 % | | 70-130 | " | " | " | " | |
| MW-2 (L203044-03) Water Sampled: 03/11/02 15:10 Received: 03/11/02 18:50 | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | 14000 | 2500 | ug/l | 50 | 2030064 | 03/23/02 | 03/23/02 | EPA 8021B | P-02 |
| Benzene | 75 | 25 | " | " | " | " | " | " | |
| Toluene | 1400 | 25 | " | " | " | " | " | " | |
| Ethylbenzene | 1100 | 25 | " | " | " | " | " | " | |
| Xylenes (total) | 3600 | 25 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 250 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 123 % | | 70-130 | " | " | " | " | |



Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

**Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B
Sequoia Analytical - San Carlos**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|--------|-----------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-3 (L203044-04) Water Sampled: 03/11/02 12:31 Received: 03/11/02 18:50 | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | 1 | 2030064 | 03/23/02 | 03/23/02 | EPA 8021B | |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 99.0 % | | 70-130 | " | " | " | " | |
| MW-4 (L203044-05) Water Sampled: 03/11/02 14:42 Received: 03/11/02 18:50 | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | 1 | 2030065 | 03/23/02 | 03/23/02 | EPA 8021B | |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 94.9 % | | 70-130 | " | " | " | " | |
| MW-5 (L203044-06) Water Sampled: 03/11/02 13:08 Received: 03/11/02 18:50 | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | 1 | 2030065 | 03/23/02 | 03/23/02 | EPA 8021B | |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | ND | 5.0 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 97.3 % | | 70-130 | " | " | " | " | |

Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

**Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B
Sequoia Analytical - San Carlos**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---|-----------|--------------------|-------|----------|---------|----------|----------|-----------|-------|
| MW-6 (L203044-07) Water Sampled: 03/11/02 13:55 Received: 03/11/02 18:50 | | | | | | | | | |
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | 1 | 2030065 | 03/23/02 | 03/23/02 | EPA 8021B | |
| Benzene | ND | 0.50 | " | " | " | " | " | " | |
| Toluene | ND | 0.50 | " | " | " | " | " | " | |
| Ethylbenzene | ND | 0.50 | " | " | " | " | " | " | |
| Xylenes (total) | ND | 0.50 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | 92 | 5.0 | " | " | " | " | " | " | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | | 90.0 % | | 70-130 | " | " | " | " | |



Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

Volatile Organic 8 Oxygenated Compounds by EPA Method 8260B
Sequoia Analytical - San Carlos

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|--|------------|-----------------|--------|----------|---------|----------|----------|-----------|-------|
| MW-2 (L203044-03) Water Sampled: 03/11/02 15:10 Received: 03/11/02 18:50 | | | | | | | | | |
| Ethanol | ND | 5000 | ug/l | 10 | 2030028 | 03/13/02 | 03/13/02 | EPA 8260B | |
| 1,2-Dibromoethane | ND | 20 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 20 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 20 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 20 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | 150 | 20 | " | " | " | " | " | " | |
| Tert-amyl methyl ether | ND | 20 | " | " | " | " | " | " | |
| Tert-butyl alcohol | ND | 1000 | " | " | " | " | " | " | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 103 % | 70-130 | | " | " | " | " | |
| <i>Surrogate: Toluene-d8</i> | | 102 % | 70-130 | | " | " | " | " | |
| MW-6 (L203044-07) Water Sampled: 03/11/02 13:55 Received: 03/11/02 18:50 | | | | | | | | | |
| Ethanol | ND | 500 | ug/l | 1 | 2030058 | 03/25/02 | 03/25/02 | EPA 8260B | |
| 1,2-Dibromoethane | ND | 2.0 | " | " | " | " | " | " | |
| 1,2-Dichloroethane | ND | 2.0 | " | " | " | " | " | " | |
| Di-isopropyl ether | ND | 2.0 | " | " | " | " | " | " | |
| Ethyl tert-butyl ether | ND | 2.0 | " | " | " | " | " | " | |
| Methyl tert-butyl ether | 120 | 2.0 | " | " | " | " | " | " | |
| Tert-amyl methyl ether | ND | 2.0 | " | " | " | " | " | " | |
| Tert-butyl alcohol | ND | 100 | " | " | " | " | " | " | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | | 114 % | 70-130 | | " | " | " | " | |
| <i>Surrogate: Toluene-d8</i> | | 99.2 % | 70-130 | | " | " | " | " | |

Gettler-Ryan/Geostrategies(1)
 6747 Sierra Court, Suite J
 Dublin CA, 94568

 Project: Tosco(1)
 Project Number: Tosco (Former) SS#0843, Alameda
 Project Manager: Deanna Harding

 Reported:
 03/25/02 15:15

Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B - Quality Control
Sequoia Analytical - San Carlos

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

Batch 2030064 - EPA 5030B (P/T)
Blank (2030064-BLK1)

Prepared & Analyzed: 03/23/02

| | | | | | | | | | | |
|------------------------------------|----|------|------|--|--|--|--|--|--|--|
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | | | | | | | |
| Benzene | ND | 0.50 | " | | | | | | | |
| Toluene | ND | 0.50 | " | | | | | | | |
| Ethylbenzene | ND | 0.50 | " | | | | | | | |
| Xylenes (total) | ND | 0.50 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | | |

| | | | | | | | | | | |
|--|------|--|---|------|--|-----|--------|--|--|--|
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 10.6 | | " | 10.0 | | 106 | 70-130 | | | |
|--|------|--|---|------|--|-----|--------|--|--|--|

LCS (2030064-BS1)

Prepared & Analyzed: 03/23/02

| | | | | | | | | | | |
|-----------------|------|------|------|------|--|------|--------|--|--|--|
| Benzene | 9.79 | 0.50 | ug/l | 10.0 | | 97.9 | 70-130 | | | |
| Toluene | 10.6 | 0.50 | " | 10.0 | | 106 | 70-130 | | | |
| Ethylbenzene | 11.3 | 0.50 | " | 10.0 | | 113 | 70-130 | | | |
| Xylenes (total) | 34.5 | 0.50 | " | 30.0 | | 115 | 70-130 | | | |

| | | | | | | | | | | |
|--|------|--|---|------|--|-----|--------|--|--|--|
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 11.3 | | " | 10.0 | | 113 | 70-130 | | | |
|--|------|--|---|------|--|-----|--------|--|--|--|

LCS (2030064-BS2)

Prepared & Analyzed: 03/23/02

| | | | | | | | | | | |
|--|------|----|------|------|--|-----|--------|--|--|--|
| Purgeable Hydrocarbons as Gasoline | 275 | 50 | ug/l | 250 | | 110 | 70-130 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 13.0 | | " | 10.0 | | 130 | 70-130 | | | |

Matrix Spike (2030064-MS1)

Source: L203044-02

Prepared & Analyzed: 03/23/02

| | | | | | | | | | | |
|--|------|----|------|------|----|-----|--------|--|--|--|
| Purgeable Hydrocarbons as Gasoline | 250 | 50 | ug/l | 250 | ND | 100 | 60-140 | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 12.0 | | " | 10.0 | | 120 | 70-130 | | | |

Matrix Spike Dup (2030064-MSD1)

Source: L203044-02

Prepared & Analyzed: 03/23/02

| | | | | | | | | | | |
|--|------|----|------|------|----|-----|--------|------|----|--|
| Purgeable Hydrocarbons as Gasoline | 262 | 50 | ug/l | 250 | ND | 105 | 60-140 | 4.69 | 25 | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 10.9 | | " | 10.0 | | 109 | 70-130 | | | |

Gettler-Ryan/Geostrategies(1)
 6747 Sierra Court, Suite J
 Dublin CA, 94568

 Project: Tosco(1)
 Project Number: Tosco (Former) SS#0843, Alameda
 Project Manager: Deanna Harding

 Reported:
 03/25/02 15:15

**Total Purgeable Hydrocarbon (C6-C12) by EPA 8015M and BTEX/MTBE by EPA 8021B - Quality Control
Sequoia Analytical - San Carlos**

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

Batch 2030065 - EPA 5030B (P/T)
Blank (2030065-BLK1)

Prepared & Analyzed: 03/23/02

| | | | | | | | | | |
|--|------|------|------|------|--|------|--------|--|--|
| Purgeable Hydrocarbons as Gasoline | ND | 50 | ug/l | | | | | | |
| Benzene | ND | 0.50 | " | | | | | | |
| Toluene | ND | 0.50 | " | | | | | | |
| Ethylbenzene | ND | 0.50 | " | | | | | | |
| Xylenes (total) | ND | 0.50 | " | | | | | | |
| Methyl tert-butyl ether | ND | 5.0 | " | | | | | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 9.56 | | " | 10.0 | | 95.6 | 70-130 | | |

LCS (2030065-BS1)

Prepared & Analyzed: 03/23/02

| | | | | | | | | | |
|--|------|------|------|------|--|------|--------|--|--|
| Benzene | 7.48 | 0.50 | ug/l | 10.0 | | 74.8 | 70-130 | | |
| Toluene | 7.48 | 0.50 | " | 10.0 | | 74.8 | 70-130 | | |
| Ethylbenzene | 8.03 | 0.50 | " | 10.0 | | 80.3 | 70-130 | | |
| Xylenes (total) | 24.5 | 0.50 | " | 30.0 | | 81.7 | 70-130 | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 9.87 | | " | 10.0 | | 98.7 | 70-130 | | |

LCS (2030065-BS2)

Prepared & Analyzed: 03/23/02

| | | | | | | | | | |
|--|------|----|------|------|--|------|--------|--|--|
| Purgeable Hydrocarbons as Gasoline | 255 | 50 | ug/l | 250 | | 102 | 70-130 | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 8.59 | | " | 10.0 | | 85.9 | 70-130 | | |

Matrix Spike (2030065-MS1)

Source: L203053-01

Prepared & Analyzed: 03/23/02

| | | | | | | | | | |
|--|------|----|------|------|----|-----|--------|--|--|
| Purgeable Hydrocarbons as Gasoline | 253 | 50 | ug/l | 250 | ND | 101 | 60-140 | | |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 10.6 | | " | 10.0 | | 106 | 70-130 | | |

Matrix Spike Dup (2030065-MSD1)

Source: L203053-01

Prepared & Analyzed: 03/23/02

| | | | | | | | | | |
|--|------|----|------|------|----|-----|--------|------|----|
| Purgeable Hydrocarbons as Gasoline | 259 | 50 | ug/l | 250 | ND | 104 | 60-140 | 2.34 | 25 |
| <i>Surrogate: a,a,a-Trifluorotoluene</i> | 10.0 | | " | 10.0 | | 100 | 70-130 | | |

Gettler-Ryan/Geostrategies(1)
 6747 Sierra Court, Suite J
 Dublin CA, 94568

 Project: Tosco(1)
 Project Number: Tosco (Former) SS#0843, Alameda
 Project Manager: Deanna Harding

 Reported:
 03/25/02 15:15

Volatile Organic & Oxygenated Compounds by EPA Method 8260B - Quality Control

Sequoia Analytical - San Carlos

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|--|--------|-----------------|-------|-------------|---------------|------|-------------|------|-----------|-------|
| Batch 2030028 - EPA 5030B [P/T] | | | | | | | | | | |
| Blank (2030028-BLK1) Prepared & Analyzed: 03/13/02 | | | | | | | | | | |
| Ethanol | ND | 500 | ug/l | | | | | | | |
| 1,2-Dibromoethane | ND | 2.0 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 2.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 2.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 2.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 2.0 | " | | | | | | | |
| Tert-amyl methyl ether | ND | 2.0 | " | | | | | | | |
| Tert-butyl alcohol | ND | 100 | " | | | | | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 49.8 | | " | 50.0 | | 99.6 | 70-130 | | | |
| <i>Surrogate: Toluene-d8</i> | 50.9 | | " | 50.0 | | 102 | 70-130 | | | |
| LCS (2030028-BS1) Prepared & Analyzed: 03/13/02 | | | | | | | | | | |
| Methyl tert-butyl ether | 52.5 | 2.0 | ug/l | 50.0 | | 105 | 70-130 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 52.9 | | " | 50.0 | | 106 | 70-130 | | | |
| <i>Surrogate: Toluene-d8</i> | 49.3 | | " | 50.0 | | 98.6 | 70-130 | | | |
| Matrix Spike (2030028-MS1) Source: L203050-06 Prepared & Analyzed: 03/13/02 | | | | | | | | | | |
| Methyl tert-butyl ether | 73.7 | 2.0 | ug/l | 50.0 | 22 | 103 | 60-140 | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 54.3 | | " | 50.0 | | 109 | 70-130 | | | |
| <i>Surrogate: Toluene-d8</i> | 51.0 | | " | 50.0 | | 102 | 70-130 | | | |
| Matrix Spike Dup (2030028-MSD1) Source: L203050-06 Prepared & Analyzed: 03/13/02 | | | | | | | | | | |
| Methyl tert-butyl ether | 78.7 | 2.0 | ug/l | 50.0 | 22 | 113 | 60-140 | 6.56 | 25 | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 54.5 | | " | 50.0 | | 109 | 70-130 | | | |
| <i>Surrogate: Toluene-d8</i> | 49.6 | | " | 50.0 | | 99.2 | 70-130 | | | |
| Batch 2030058 - EPA 5030B [P/T] | | | | | | | | | | |
| Blank (2030058-BLK1) Prepared & Analyzed: 03/21/02 | | | | | | | | | | |
| Ethanol | ND | 500 | ug/l | | | | | | | |
| 1,2-Dibromoethane | ND | 2.0 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 2.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 2.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 2.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 2.0 | " | | | | | | | |
| Tert-amyl methyl ether | ND | 2.0 | " | | | | | | | |
| Tert-butyl alcohol | ND | 100 | " | | | | | | | |
| <i>Surrogate: 1,2-Dichloroethane-d4</i> | 55.8 | | " | 50.0 | | 112 | 70-130 | | | |



Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

Volatile Organic 8 Oxygenated Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - San Carlos

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

Batch 2030058 - EPA 5030B [P/T]

Blank (2030058-BLK1)

Prepared & Analyzed: 03/21/02

Surrogate: Toluene-d8 51.2 ug/l 50.0 102 70-130

Blank (2030058-BLK3)

Prepared & Analyzed: 03/25/02

| | | | | | | | | | | |
|-------------------------|----|-----|------|--|--|--|--|--|--|--|
| Ethanol | ND | 500 | ug/l | | | | | | | |
| 1,2-Dibromoethane | ND | 2.0 | " | | | | | | | |
| 1,2-Dichloroethane | ND | 2.0 | " | | | | | | | |
| Di-isopropyl ether | ND | 2.0 | " | | | | | | | |
| Ethyl tert-butyl ether | ND | 2.0 | " | | | | | | | |
| Methyl tert-butyl ether | ND | 2.0 | " | | | | | | | |
| Tert-amyl methyl ether | ND | 2.0 | " | | | | | | | |
| Tert-butyl alcohol | ND | 100 | " | | | | | | | |

Surrogate: 1,2-Dichloroethane-d4 53.1 " 50.0 106 70-130

Surrogate: Toluene-d8 48.4 " 50.0 96.8 70-130

LCS (2030058-BS1)

Prepared & Analyzed: 03/21/02

Methyl tert-butyl ether 41.4 2.0 ug/l 50.0 82.8 70-130

Surrogate: 1,2-Dichloroethane-d4 55.5 " 50.0 111 70-130

Surrogate: Toluene-d8 50.0 " 50.0 100 70-130

LCS (2030058-BS3)

Prepared & Analyzed: 03/25/02

Methyl tert-butyl ether 44.7 2.0 ug/l 50.0 89.4 70-130

Surrogate: 1,2-Dichloroethane-d4 54.7 " 50.0 109 70-130

Surrogate: Toluene-d8 47.4 " 50.0 94.8 70-130

Matrix Spike (2030058-MS1)

Source: L203082-04

Prepared & Analyzed: 03/21/02

Methyl tert-butyl ether 44.7 2.0 ug/l 50.0 ND 89.4 60-140

Surrogate: 1,2-Dichloroethane-d4 57.9 " 50.0 116 70-130

Surrogate: Toluene-d8 50.5 " 50.0 101 70-130



Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

**Volatile Organic 8 Oxygenated Compounds by EPA Method 8260B - Quality Control
Sequoia Analytical - San Carlos**

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

Batch 2030058 - EPA 5030B [P/T]

Matrix Spike Dup (2030058-MSD1)

Source: L203082-04

Prepared & Analyzed: 03/21/02

| | | | | | | | | | | |
|----------------------------------|------|-----|------|------|----|------|--------|------|----|--|
| Methyl tert-butyl ether | 43.9 | 2.0 | ug/l | 50.0 | ND | 87.8 | 60-140 | 1.81 | 25 | |
| Surrogate: 1,2-Dichloroethane-d4 | 58.9 | | " | 50.0 | | 118 | 70-130 | | | |
| Surrogate: Toluene-d8 | 50.0 | | " | 50.0 | | 100 | 70-130 | | | |



Gettler-Ryan/Geostrategies(1)
6747 Sierra Court, Suite J
Dublin CA, 94568

Project: Tosco(1)
Project Number: Tosco (Former) SS#0843, Alameda
Project Manager: Deanna Harding

Reported:
03/25/02 15:15

Notes and Definitions

P-02 Chromatogram Pattern: Weathered Gasoline C6-C12
DET Analyte DETECTED
ND Analyte NOT DETECTED at or above the reporting limit
NR Not Reported
dry Sample results reported on a dry weight basis
RPD Relative Percent Difference