

SECOND SEMIANNUAL 2010 GROUNDWATER MONITORING REPORT

**DEFENSE FUEL SUPPORT POINT NORWALK
15306 NORWALK BOULEVARD
NORWALK, CALIFORNIA**

Prepared for

**Defense Energy Support Center
8725 John J. Kingman Road
Fort Belvoir, Virginia 22060-6222**

January 31, 2011

Prepared by



100 WEST WALNUT STREET • PASADENA • CALIFORNIA 91124

APPENDIX B
Well Gauging, Purging, and Sampling Records
October 2010 Semiannual Event

WELL GAUGING DATA

Project # 101004-TR1 Date 10/4/10 Client KMap

Site Kinder Morgan Norwalk

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|---------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|------|
| EXP-1 | 4 | | | | | 56.44 | 129.00 | | 0730 |
| EXP-2 | 4 | | | | | 56.65 | 128.09 | | 0827 |
| EXP-3 | 4 | | | | | 58.42 | 128.10 | | 0900 |
| EXP-4 | 4 | | | | | 56.23 | 115.22 | | 1042 |
| EXP-5 | 4 | | | | | 50.35 | 132.8 | | 1042 |
| BW-1 | 4 | | | | | 45.94 | 52.71 | | 1203 |
| BW-2 | 4 | | | | | 26.02 | EXT. | | 1115 |
| BW-3 | 4 | | | | | 47.80 | 50.77 | | 0853 |
| BW-4 | 4 | | | | | 27.10 | 44.40 | | 0850 |
| BW-5 | 4 | | | | | 26.03 | EXT. | | 0928 |
| BW-6 | 4 | | | | | 26.36 | 48.08 | | 0910 |
| BW-7 | 4 | | | | | 27.55 | EXT. | | 0852 |
| BW-8 | 4 | | | | | 27.97 | EXT. | | 0900 |
| BW-9 | 4 | | | | | 29.20 | EXT. | | 0903 |
| GMW-1 | 4 | | | | | 26.95 | 49.53 | | 0950 |
| GMW-2 | 4 | | | | | 25.95 | 50.74 | | 0930 |
| GMW-3 | 4 | | | | | 27.37 | 49.81 | | 1004 |

WELL GAUGING DATA

Project # 101004-TR1 Date 10/4/10 Client KMEP

Site Kinder Morgan Norwalk

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|---------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|-------------|
| GMW-4 | 4 | | 27.72 | 0.04 | | 27.74 | - | | 1212 |
| GMW-8 | 4 | | | | | 25.80 | 49.60 | | 1239 |
| GMW-9 | 5 | | | | | 20.30 | 50.02 | | 1105 |
| GMW-10 | 4 | | | | | 27.15 | 42.76 | | 1215 |
| GMW-11 | 4 | | | | | 25.48 | 49.80 | | 1109 |
| GMW-13 | 4 | | | | | 26.41 | 49.51 | | 1221 |
| GMW-14 | 4 | | | | | 26.99 | 49.54 | | 0952 |
| GMW-22 | 4 | | | | | 27.65 | EXT | | 0858 |
| GMW-23 | 4 | | | | | 27.31 | 58.24 | | 0842 |
| GMW-24 | 5 | | | | | 29.50 | EXT | | 1340 |
| GMW-25 | 6 | | | | | 29.25 | 52.06 | | 1310 |
| GMW-26 | 4 | | | | | 34.51 | 46.46 | | 0825 |
| GMW-27 | 4 | | | | | 24.95 | 49.12 | | 1401 |
| GMW-28 | 4 | | | | | 27.11 | 49.46 | | 0859 |
| GMW-29 | 4 | | | | | 27.30 | 45.23 | | 0915 |
| GMW-30 | 6 | | | | | 27.80 | 49.83 | | 0912 |
| GMW-36 | 4 | | | | | 26.90 | EXT | | 1010 (over) |

WELL GAUGING DATA

Project # 101004-TR1 Date 10/4/10 Client KMEP

Site Kinder Morgan Norwalk

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|---------------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|------|
| GMW-37 | 4 | | | | | 29.50 | 53.45 | | 1129 |
| GMW-38 | 4 | | | | | 27.77 | 53.10 | | 0958 |
| GMW-39 | 4 | | | | | 27.38 | 50.51 | | 1010 |
| GMW-40 | 4 | | | | | 25.70 | 49.95 | | 0915 |
| GMW-41 | 4 | | | | | 24.91 | 49.81 | | 1233 |
| GMW-O-1 | 4 | | | | | 23.71 | 49.10 | | 1011 |
| GMW-O-2 | 4 | | | | | 24.25 | 49.22 | | 1240 |
| GMW-O-3 | 4 | | | | | 24.43 | 48.36 | | 0955 |
| GMW-O-4 | 4 | | | | | 23.97 | 49.54 | | 1410 |
| GMW-O-4 (MID) | 4 | | | | | 32.62 | 61.44 | | 1418 |
| GMW-O-5 | 4 | | | | | 24.52 | 48.86 | | 1311 |
| GMW-O-6 | 4 | | | | | 23.15 | 49.69 | | 1318 |
| GMW-O-7 | 4 | | | | | 22.25 | 49.64 | | 1340 |
| GMW-O-8 | 4 | | | | | 22.60 | 49.44 | | 1019 |
| GMW-O-9 | 4 | | | | | 25.87 | 50.05 | | 1100 |
| GMW-O-10 | 4 | | | | | 24.48 | 50.03 | | 1132 |
| GMW-O-11 | 4 | | | | | 30.00 | EXT. | | 1028 |

WELL GAUGING DATA

Project # 101004-TR1 Date 10/4/10 Client KMEP

Site Kinder Morgan Norwalk

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time | |
|-----------|-------------------------------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|------|------------|
| GMW-O-12 | 4 | | 25.20 | 0.11 | | 25.31 | — | | 0859 | |
| GMW-O-14 | 4 | | | | | 26.04 | 49.65 | | 0919 | |
| GMW-O-15 | 4 | | 25.80 | 0.05 | | 25.85 | — | | 0950 | |
| GMW-O-16 | 4 | | | | | 26.10 | 48.65 | | 0933 | |
| GMW-O-17 | 4 | | | | | 25.60 | 39.56 | | 0938 | |
| GMW-O-18 | UNABLE TO ACCESS — EXT PUMP IN WELL | | | | | | 29.95 | | | 29.95 PORT |
| GMW-O-19 | 4 | | | | | 26.31 | 40.00 | | 1345 | |
| GMW-O-20 | 4 | | 31.10 | 0.10 | | 31.20 | — | | 1404 | |
| GMW-O-21 | 6 | | | | | 25.40 | 41.65 | | 1402 | |
| GMW-O-23 | 4 | | | | | 25.92 | 29.72 | | 1358 | |
| GMW-SF-7 | 4 | | | | | 22.47 | 43.25 | | 1350 | |
| GMW-SF-8 | 4 | | | | | 28.70 | 43.68 | | 1242 | |
| GMW-SF-9 | 4 | | | | | 25.28 | 42.41 | | 1030 | |
| GMW-SF-10 | 4 | | | | | 28.03 | 46.89 | | 1018 | |
| GWR-1 | 4 | | | | | 26.15 | 44.73 | | 1132 | |
| GWR-3 | 6 | | | | | 30.67 | 49.70 | | 1300 | |
| HL-2 | 4 | | | | | 29.25 | 39.07 | | 0800 | |

WELL GAUGING DATA

Project # 101004-TRI Date 10/4/10 Client KMEP

Site Kinder Morgan Norwalk

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|-------------|----------------------|--------------|----------------------------------|--------------------------------------|------------------------------------|---------------------------|----------------------------|--------------------------|---------------------------|
| HL-3 | 4 | | | | | 29.36 | 41.80 | | 1154 |
| HW-2 | — UNABLE TO LOCATE — | | | | | | | | |
| MW-6 | 4 | | | | | 29.80 | 52.05 | | 0836 |
| MW-7 | 4 | | | | | 28.16 30.57 | 53.60 | | 0929 |
| MW-8 | 4 | | | | | 28.16 | 51.91 | | 1410 |
| MW-9 | 4 | | | | | 29.35 | 51.90 | | 1018 |
| MW-12 | 4 | | | | | 28.21 | 52.13 | | 1235 |
| MW-15 | 4 | | 29.14 | 1.05 | | 30.19 | — | | 1058 |
| MW-18 (MID) | 4 | | | | | 32.30 | 65.50 | | 1115 |
| MW-19 (MID) | 4 | | | | | 33.20 | 62.02 | | 0925 |
| MW-20 (MID) | 4 | | | | | 32.23 | 56.67 | | 0840 |
| MW-21 (MID) | 4 | | | | | 30.44 | 62.02 | | 1152 |
| MW-O-1 | 4 | | | | | 24.90 | 32.66 | | 1140 |
| MW-O-2 | 4 | | | | | 26.05 | EXT. | | 1315 <small>POINT</small> |
| MW-SF-1 | 6 | | | | | 30.88 | 51.30 | | 1053 |
| MW-SF-2 | 4 | | 30.75 | 0.21 | | 30.96 | — | | 1923 |
| MW-SF-3 | 4 | | 30.30 | 0.58 | | 30.88 | — | | 1433 |

WELL GAUGING DATA

Project # 101004-TM1 Date 10/4/10 Client KMEP

Site Kinder Morgan Norwalk

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time | |
|----------|-----------------|------------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|------|------|
| MW-SF-4 | 4 | | | | | 31.81 | 44.40 | | 0913 | |
| MW-SF-5 | 4 | | | | | 31.39 | 51.04 | | 1120 | |
| MW-SF-6 | 4 | | | | | 29.09 | 41.42 | | 1130 | |
| MW-SF-9 | 4 | | | | | 26.10 | 38.31 | | 1014 | |
| MW-SF-10 | 4 | | 28.36 | 0.14 | | 28.50 | EXT | | 1138 | |
| MW-SF-11 | 4 | | | | | 30.94 | EXT | | 0942 | |
| MW-SF-12 | 4 | | | | | 30.70 | EXT | | 1212 | |
| MW-SF-13 | 4 | | 25.92 | 1.03 | | 26.95 | EXT | | 0915 | |
| MW-SF-14 | 4 | | | | | 30.54 | 43.24 | | 1053 | |
| MW-SF-15 | 4 | | 30.65 | 0.01 | | 30.66 | EXT | | 1031 | |
| MW-SF-16 | 4 | | | | | 30.49 | EXT | | 1053 | |
| PW-1 | 4 | | | | | 28.10 | 50.00 | | 0849 | |
| PW-2 | 4 | | | | | DRY | 26.00 | | 1040 | |
| PW-3 | 4 | | | | | 26.61 | 50.06 | | 0953 | |
| PZ-2 | 4 | | | | | 26.30 | 49.45 | | 1003 | |
| PZ-5 | 4 | | | | | 25.98 | 38.40 | | 0852 | |
| PZ-6 | | UNABLE TO LOCATE | | | | | | | | 0900 |

WELL GAUGING DATA

Project # 101004-TRI Date 10/4/10 Client KMEP

Site Kinder Morgan Norwalk

| Well ID | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Time |
|---------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|------|
| PZ-7A | 2 | | | | | 25.70 | 31.60 | | 1015 |
| PZ-7B | 2 | | | | | 25.88 | 45.45 | | 1019 |
| PZ-8A | 2 | | | | | 27.79 | 38.22 | | 1026 |
| PZ-8B | 2 | | | | | 27.90 | 52.90 | | 1029 |
| PZ-9A | 2 | | | | | 28.20 | 32.18 | | 1020 |
| PZ-9B | 2 | | | | | 28.51 | 50.15 | | 1023 |
| PZ-10 | 2 | | | | | 26.66 | 37.90 | | 1113 |
| VEW-1 | 4 | | | | | DRY | 28.82 | | 1315 |
| VEW-2 | 4 | | | | | DRY | 29.30 | | 1302 |
| WCW-3 | 4 | | | | | 29.24 | 50.52 | | 1045 |
| WCW-7 | 4 | | | | | 29.53 | 54.50 | | 1030 |
| MWCW-13 | 4 | | | | | 30.61 | 60.32 | | 1011 |
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LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-MA1 | Client: KMEP |
| Sampler: MH | Start Date: 10/04/10 |
| Well I.D.: EXP-1 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 129.00 | Depth to Water: Pre: 56.44 Post: 56.44 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVS</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0824 Flow Rate: 200ml/min Pump Depth: 87'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0827 | 20.60 | 8.04 | 924 | 6 | 0.61 | -207.6 | 600 | 56.44 |
| 0830 | 20.40 | 8.05 | 924 | 5 | 0.46 | -214.41 | 1200 | 56.44 |
| 0833 | 20.80 | 8.02 | 933 | 5 | 0.36 | -220.0 | 1800 | 56.44 |
| 0836 | 20.90 | 8.00 | 936 | 4 | 0.32 | -222.8 | 2400 | 56.44 |
| 0839 | 20.90 | 8.00 | 938 | 4 | 0.31 | -223.1 | 3000 | 56.44 |
| 0842 | 20.90 | 8.00 | 938 | 4 | 0.31 | -223.6 | 3600 | 56.44 |
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|---|------------------------------------|
| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 3600 m/ |
| Sampling Time: 0843 | Sampling Date: 10/04/10 |
| Sample I.D.: EXP-1 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOCs MTBE | Others: See SOW |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|----------------------------|--|
| Project #: 101004-MH1 | Client: KMEP |
| Sampler: MH | Start Date: 10/04/10 |
| Well I.D.: EXP-2 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: 128.09 | Depth to Water: Pre: 56.65 Post: 56.67 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0910 Flow Rate: 200ml/min Pump Depth: 105'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0913 | 21.00 | 8.28 | 1533 | 8 | 0.66 | -141.1 | 600 | 56.67 |
| 0916 | 21.10 | 8.06 | 1601 | 6 | 0.35 | -122.0 | 1200 | 56.67 |
| 0919 | 21.00 | 8.03 | 1595 | 4 | 0.32 | -118.9 | 1800 | 56.67 |
| 0922 | 21.10 | 7.96 | 1603 | 4 | 0.27 | -113.4 | 2400 | 56.67 |
| 0925 | 21.10 | 7.95 | 1603 | 4 | 0.26 | -112.8 | 3000 | 56.67 |
| 0928 | 21.10 | 7.95 | 1602 | 4 | 0.26 | -112.2 | 3600 | 56.67 |
| | | | | | | | | |
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Did well dewater? Yes No

Amount actually evacuated: 3600mL

Sampling Time: 0929 Sampling Date: 10/04/10

Sample I.D.: EXP-2 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See below

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 101004-mH1 | Client: KMEP |
| Sampler: MH | Start Date: 10/04/10 |
| Well I.D.: EXP-3 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 123.16 | Depth to Water: Pre: 55.42 Post: 55.46 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVE</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0745 Flow Rate: 200 ml/min Pump Depth: 100'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0751 | 21.30 | 8.39 | 776 | 8 | 0.43 | -151.2 | 600 | 55.46 |
| 0754 | 21.50 | 8.12 | 799 | 6 | 0.50 | -120.6 | 1200 | 55.46 |
| 0757 | 21.40 | 8.97 | 796 | 6 | 0.36 | -109.5 | 1800 | 55.46 |
| 0800 | 21.48 | 7.96 | 795 | 6 | 0.34 | -109.2 | 2400 | 55.46 |
| 0803 | 21.50 | 7.96 | 795 | 5 | 0.34 | -108.8 | 3000 | 55.46 |
| 0806 | 21.50 | 7.96 | 796 | 5 | 0.33 | -108.8 | 3600 | 55.46 |
| | | | | | | | | |
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| | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: 7600ml
 Sampling Time: 0807 Sampling Date: 10/04/10
 Sample I.D.: EXP-3 Laboratory: Alpha Analytical
 Analyzed for: TPHg TPHfp VOC's MTBE Other: Pe 500
 Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------|--|
| Project #: 10/04-T21 | Client: KMEP |
| Sampler: AH | Start Date: 10/04/10 |
| Well I.D.: EXP-5 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 113.28 | Depth to Water: Pre: 50.39 Post: 50.39 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1456 Flow Rate: 500ml/min Pump Depth: 100'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1453 | 19.96 | 7.39 | 971 | 71 | 1.25 | -12.1 | 150 | 50.39 |
| 1456 | 19.98 | 7.40 | 979 | 6 | 0.91 | -35.7 | 300 | 50.38 |
| 1459 | 20.02 | 7.38 | 985 | 4 | 0.90 | -83.7 | 450 | 50.39 |
| 1502 | 20.07 | 7.36 | 996 | 4 | 0.88 | -87.1 | 600 | 50.39 |
| 1505 | 20.10 | 7.35 | 1004 | 4 | 0.87 | -90.0 | 750 | 50.39 |
| 1509 | 20.12 | 7.35 | 1009 | 2 | 0.87 | -92.3 | 900 | 50.39 |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: 9500ml

Sampling Time: 1509 Sampling Date: 10/04/10

Sample I.D.: EXP-0 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHp VOCs MTBE Other: See SOW

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 101004-M 1 | Client: KMEP |
| Sampler: M | Start Date: 10/4/10 |
| Well I.D.: GMW-1 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.53 | Depth to Water: Pre: 26.95 Post: 27.02 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 536</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0802 Flow Rate: 500 ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0805 | 24.6 | 7.38 | 1413 | 22 | 1.05 | -102.5 | 1500 | 27.00 |
| 0808 | 24.6 | 7.25 | 1432 | 18 | 0.89 | -122.5 | 3000 | 27.01 |
| 0811 | 24.7 | 7.22 | 1450 | 15 | 0.80 | -151.2 | 4500 | 27.01 |
| 0814 | 24.8 | 7.22 | 1458 | 20 | 0.76 | -158.5 | 6000 | 27.01 |
| 0817 | 24.9 | 7.20 | 1468 | 22 | 0.70 | -162.3 | 7500 | 27.01 |
| 0820 | 25.0 | 7.18 | 1478 | 20 | 0.63 | -164.4 | 9000 | 27.01 |
| 0823 | 25.0 | 7.17 | 1484 | 20 | 0.66 | -165.8 | 10500 | 27.02 |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: 10.52

Sampling Time: 0824 Sampling Date: 10/7/10

Sample I.D.: GMW-1 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHp VOCs MTBE Other: _____

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: DUP-1

9/11/10

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/06/10 |
| Well I.D.: 6MW-3 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: 49.81 | Depth to Water: Pre: 27.37 Post: 27.46 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0817 Flow Rate: 500ml/min Pump Depth: 49'

| Time | Temp. (C or F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|----------------|------|-----------------------|------------------|-------------|----------|-----------------------------|----------------|
| 0820 | 21.54 | 7.13 | 1254 | 10 | 1.67 | 40.1 | 1500 | 27.42 |
| 0825 | 21.91 | 7.01 | 1260 | 6 | 1.32 | 38.1 | 3000 | 27.44 |
| 0826 | 22.25 | 6.96 | 1265 | 6 | 1.26 | 36.9 | 4500 | 27.45 |
| 0829 | 22.61 | 6.95 | 1269 | 5 | 1.22 | 34.2 | 6000 | 27.46 |
| 0832 | 22.80 | 6.94 | 1272 | 5 | 1.20 | 33.7 | 7500 | 27.46 |
| 0835 | 22.87 | 6.94 | 1274 | 5 | 1.19 | 32.2 | 9000 | 27.46 |
| | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 9000ml
 Sampling Time: 0830 Sampling Date: 10/06/10
 Sample I.D.: 6MW-3 Laboratory: Alpha Analytical
 Analyzed for: TPHg TPHfp VOC's MTBE Other: S40/S50W
 Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-4 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 27.76 Post: 27.82 |
| Depth to Free Product: 27.72 | Thickness of Free Product (feet): 0.04 |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI <u>556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing + check valve Other _____

Start Purge Time: 0811 Flow Rate: 200 mL / MIN Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0814 | 20.3 | 7.09 | 1475 | 142 | 5.40 | -17.6 | 600 | 27.80 |
| 0817 | 20.9 | 7.14 | 1488 | 69 | 4.60 | -19.7 | 1200 | 27.80 |
| 0820 | 20.9 | 7.25 | 1490 | 52 | 3.40 | -30.5 | 1800 | 27.81 |
| 0823 | 21.1 | 7.28 | 1487 | 42 | 3.22 | -32.9 | 2400 | 27.81 |
| 0827 | 21.1 | 7.30 | 1492 | 40 | 3.18 | -35.2 | 3000 | 27.81 |
| 0830 | 21.1 | 7.32 | 1495 | 38 | 3.10 | -36.0 | 3600 | 27.82 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 3.6 L |
| Sampling Time: 0831 | Sampling Date: 10/5/10 |
| Sample I.D.: GMW-4 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOCs</u> MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: 6MW-8 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.60 | Depth to Water: Pre: 25.80 Post: 25.82 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PV</u> Grade | Flow Cell Type: <u>YSI 536</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0807 Flow Rate: 500 ML/MIN Pump Depth: 44'

| Time | Temp. (<u>C</u> or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|----------------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0810 | 20.4 | 7.33 | 1247 | 5 | 0.85 | 29.0 | 1500 | 25.82 |
| 0813 | 20.7 | 7.35 | 1248 | 5 | 0.60 | 28.3 | 3000 | 25.82 |
| 0816 | 20.8 | 7.36 | 1250 | 4 | 0.51 | 28.0 | 4500 | 25.82 |
| 0819 | 21.0 | 7.36 | 1250 | 3 | 0.50 | 26.5 | 6000 | 25.82 |
| 0822 | 21.0 | 7.36 | 1250 | 4 | 0.48 | 26.2 | 7500 | 25.82 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 7.5 L |
| Sampling Time: 0823 | Sampling Date: 10/6/10 |
| Sample I.D.: 6MW-8 | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: <u>See C.O.C.</u> |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: |

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LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TR1 | Client: KMEP |
| Sampler: M | Start Date: 10/4/10 |
| Well I.D.: GMW-9 | Well Diameter: 2 3 4 6 8 5 |
| Total Well Depth: 50.02 | Depth to Water: Pre: 30.30 Post: 30.42 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: 1233 Flow Rate: 500 mL/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1236 | 23.4 | 7.25 | 2276 | 54 | 0.80 | -1335 | 1500 | 30.42 |
| 1239 | 23.4 | 7.13 | 2274 | 28 | 0.73 | -1335 | 3000 | 30.42 |
| 1242 | 23.4 | 7.02 | 2285 | 20 | 0.61 | -145.3 | 4500 | 30.42 |
| 1245 | 23.5 | 7.01 | 2288 | 18 | 0.49 | -149.3 | 6000 | 30.42 |
| 1248 | 23.5 | 7.01 | 2293 | 18 | 0.47 | -152.3 | 7500 | 30.42 |
| 1251 | 23.6 | 7.01 | 2299 | 20 | 0.46 | -155.3 | 9000 | 30.42 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9.0 L |
| Sampling Time: 1252 | Sampling Date: 10/7/10 |
| Sample I.D.: GMW-9 | Laboratory: Alpha Analytical |
| Analyzed for: TPH TPH_{sp} VOC's MTBE | Other: See SOW |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-10 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 42.70 | Depth to Water: Pre: 27.15 Post: 27.21 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0954 Flow Rate: 500 mL / MIN Pump Depth: 37'

| Time | Temp. (<u>C</u> or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|----------------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0957 | 23.5 | 7.12 | 1839 | 105 | 0.95 | -189.5 | 1500 | 27.19 |
| 1000 | 23.6 | 7.04 | 1847 | 61 | 0.63 | -195.2 | 3000 | 27.21 |
| 1003 | 23.8 | 7.01 | 1851 | 33 | 0.58 | -201.0 | 4500 | 27.21 |
| 1006 | 24.0 | 6.99 | 1855 | 21 | 0.58 | -204.0 | 6000 | 27.21 |
| 1009 | 24.0 | 6.98 | 1855 | 19 | 0.58 | -210.0 | 7500 | 27.21 |
| 1012 | 24.0 | 6.93 | 1860 | 22 | 0.58 | -212.1 | 9000 | 27.21 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9.0L |
| Sampling Time: 1013 | Sampling Date: 10/8/10 |
| Sample I.D.: GMW-10 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> g <u>TPH</u> p <u>VOC</u> 's MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-13 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 44.51 | Depth to Water: Pre: 26.41 Post: 26.60 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1220 Flow Rate: 500 ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1223 | 21.8 | 7.58 | 735 | 11 | 2.72 | 40.8 | 1500 | 26.60 |
| 1226 | 22.2 | 7.60 | 734 | 8 | 2.77 | 41.0 | 3000 | 26.60 |
| 1229 | 22.3 | 7.60 | 734 | 5 | 2.74 | 41.0 | 4500 | 26.60 |
| 1232 | 22.3 | 7.61 | 734 | 5 | 2.70 | 41.0 | 6000 | 26.60 |
| 1235 | 22.4 | 7.61 | 734 | 4 | 2.68 | 40.8 | 7500 | 26.60 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 7.5 L |
| Sampling Time: 1236 | Sampling Date: 10/6/10 |
| Sample I.D.: GMW-13 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHp VOCs MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HA | Start Date: 10/07/10 10/07/10 |
| Well I.D.: GMW-14 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: 49.54 | Depth to Water: Pre: 26.99 Post: 27.10 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1045 Flow Rate: 500ml/min Pump Depth: ~~44'~~ 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1048 | 21.67 | 7.10 | 1405 | 7 | 1.26 | -116.1 | 1500 | 27.04 |
| 1051 | 22.31 | 6.84 | 1467 | 6 | 0.91 | -105.1 | 3000 | 27.07 |
| 1054 | 22.51 | 6.82 | 1481 | 6 | 0.84 | -103.1 | 4500 | 27.09 |
| 1057 | 22.63 | 6.81 | 1489 | 6 | 0.79 | -101.0 | 6000 | 27.10 |
| 1100 | 22.70 | 6.80 | 1494 | 5 | 0.75 | -98.5 | 7500 | 27.10 |
| 1103 | 22.74 | 6.80 | 1497 | 5 | 0.72 | 99.6 | 9000 | 27.10 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 1104 Sampling Date: 10/07/10

Sample I.D.: GMW-14 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See SOW

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: G MW - 22 | Well Diameter: 2 3 4 <u>6</u> 8 |
| Total Well Depth: ^{Ext} pump | Depth to Water: Pre: 27.65 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other: EXT. P&T.
 Start Purge Time: 1547 Flow Rate: 200 ML/MIN Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1550 | 18.4 | 7.19 | 2324 | 7 | 0.43 | -103.6 | 600 | — |
| 1553 | 18.1 | 7.21 | 2309 | 5 | 0.34 | -109.3 | 1200 | — |
| 1556 | 18.2 | 7.19 | 2299 | 5 | 0.34 | -108.0 | 1800 | — |
| 1559 | 18.2 | 7.19 | 2289 | 5 | 0.33 | -108.5 | 2400 | — |
| 1602 | 18.2 | 7.19 | 2285 | 5 | 0.32 | -108.8 | 3000 | — |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 3.0 L |
| Sampling Time: 1603 | Sampling Date: 10/4/10 |
| Sample I.D.: G MW - 22 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> g <u>TPH</u> p <u>VOCS</u> MTBE | Other: See C.O.C |
| Equipment Blank I.D.: EB-1 @ 1610 | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-24 | Well Diameter: 2 3 4 6 8 (5) |
| Total Well Depth: — | Depth to Water: Pre: 29.50 Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: ~~2" Grundfos Pump~~ Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml.) | Depth to water |
|--|---------------------|----|---------------------|---------------------|----------------|-------------|---------------------------------|----------------|
| — EXTRACTION EQUIPMENT STUCK IN WELL — | | | | | | | | |
| — EXTRACTION PUMP NOT PRODUCING — | | | | | | | | |
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| — NO SAMPLES TAKEN — | | | | | | | | |
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| Did well dewater? Yes No | Amount actually evacuated: |
| Sampling Time: | Sampling Date: |
| Sample I.D.: | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: |
| Equipment Blank I.D.: | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/08/10 |
| Well I.D.: 6MW-25 | Well Diameter: 2 3 4 <u>6</u> 8 |
| Total Well Depth: 52.06 | Depth to Water: Pre: 29.25 Post: 29.37 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>RVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0749 Flow Rate: 500 ml/min Pump Depth: 47'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0752 | 19.82 | 6.87 | 2132 | 813 | 0.91 | -160.7 | 1500 | 29.31 |
| 0755 | 20.40 | 6.81 | 2166 | 217 | 0.80 | -175.8 | 3000 | 29.34 |
| 0758 | 20.98 | 6.76 | 2213 | 185 | 0.59 | -189.6 | 4500 | 29.36 |
| 0801 | 21.23 | 6.75 | 2217 | 171 | 0.51 | -196.7 | 6000 | 29.37 |
| 0804 | 21.60 | 6.75 | 2224 | 168 | 0.48 | -198.5 | 7500 | 29.37 |
| 0807 | 21.75 | 6.74 | 2226 | 165 | 0.45 | -200.1 | 9000 | 29.37 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 0809 Sampling Date: 10/08/10

Sample I.D.: 6MW-25 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See SOW

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TR1 | Client: KMEP |
| Sampler: FH | Start Date: 10/07/10 |
| Well I.D.: GMW-17 ^{HH} GMW-27 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.12 | Depth to Water: Pre: 26.95 Post: 27.06 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1120 Flow Rate: 500 ml/min Pump Depth: 44'

| Time | Temp. (C or F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|----------------|------|-----------------------|------------------|-------------|----------|-----------------------------|----------------|
| 1123 | 22.50 | 6.91 | 3568 | 9 | 0.87 | -129.2 | 1500 | 26.99 |
| 1126 | 22.55 | 6.89 | 3579 | 7 | 0.71 | -122.9 | 3000 | 27.02 |
| 1129 | 22.70 | 6.80 | 3595 | 7 | 0.68 | -130.4 | 4500 | 27.04 |
| 1132 | 22.81 | 6.77 | 3610 | 5 | 0.66 | -137.6 | 6000 | 27.05 |
| 1135 | 22.85 | 6.76 | 3621 | 5 | 0.64 | -140.8 | 7500 | 27.05 |
| 1138 | 22.87 | 6.75 | 3632 | 5 | 0.63 | -142.9 | 9000 | 27.06 |
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Did well dewater? Yes No Amount actually evacuated: 9000 ml
 Sampling Time: 1139 Sampling Date: 10/07/10
 Sample I.D.: GMW-27 Laboratory: Alpha Analytical
 Analyzed for: TPHg TPHlp VOC's MTBE Other: See SW
 Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|----------------------------|------------------------------------|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: GMW-36 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: Ext pump | Depth to Water: Pre: 26090 Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing , New Tubing Other: EXT Port
 Start Purge Time: 1310 Flow Rate: 200ml/min Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1313 | 21.15 | 7.12 | 2492 | 13 | 1.11 | -114.3 | 600 | — |
| 1316 | 21.12 | 7.12 | 2499 | 8 | 0.98 | -120.1 | 1200 | — |
| 1319 | 21.10 | 7.11 | 2504 | 6 | 0.90 | -125.7 | 1800 | — |
| 1322 | 21.08 | 7.11 | 2510 | 6 | 0.86 | -128.3 | 2400 | — |
| 1325 | 21.07 | 7.11 | 2513 | 5 | 0.84 | -131.6 | 3000 | — |
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Did well dewater? Yes No Amount actually evacuated: 3000ml

Sampling Time: 1326 Sampling Date: 10/05/10

Sample I.D.: GMW-36 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See SOW

Equipment Blank I.D.: @ Tuse Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---|---|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: <i>tr</i> | Start Date: 10/4/10 |
| Well I.D.: GMW-37 | Well Diameter: 2 3 <input checked="" type="radio"/> 4 6 8 |
| Total Well Depth: 53.45 | Depth to Water: Pre: 29.50 Post: 29.58 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <input checked="" type="radio"/> PVC Grade | Flow Cell Type: YSI 536 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0845 Flow Rate: 500 mL / MIN Pump Depth: 48.5'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0848 | 21.6 | 7.52 | 1226 | 11 | 0.99 | 27.0 | 1500 | 29.56 |
| 0851 | 21.8 | 7.60 | 1228 | 8 | 0.94 | 26.3 | 3000 | 29.57 |
| 0854 | 22.0 | 7.62 | 1228 | 5 | 0.90 | 26.0 | 4500 | 29.57 |
| 0857 | 22.2 | 7.63 | 1233 | 5 | 0.85 | 24.0 | 6000 | 29.58 |
| 0900 | 22.3 | 7.63 | 1235 | 4 | 0.84 | 23.6 | 7500 | 29.58 |
| 0903 | 22.3 | 7.63 | 1235 | 4 | 0.84 | 23.4 | 9000 | 29.58 |
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Did well dewater? Yes No Amount actually evacuated: 9.02

Sampling Time: 0904 Sampling Date: 10/6/10

Sample I.D.: GMW-37 Laboratory: Alpha Analytical

Analyzed for: TPH PHp VOCs MTBE Other: See C.O.C.

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 10009-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/06/10 |
| Well I.D.: 6MW-38 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 53.10 | Depth to Water: Pre: 22.77 Post: 22.82 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0746 Flow Rate: 500 ml/min Pump Depth: 48'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0749 | 19.99 | 7.59 | 600 | 11 | 1.39 | 41.3 | 1500 | 22.80 |
| 0752 | 20.21 | 7.40 | 561 | 9 | 0.91 | 21.2 | 3000 | 22.81 |
| 0755 | 20.30 | 7.36 | 541 | 9 | 0.88 | 18.6 | 4500 | 22.81 |
| 0758 | 20.36 | 7.39 | 532 | 6 | 0.84 | 16.1 | 6000 | 22.81 |
| 0801 | 20.41 | 7.33 | 526 | 4 | 0.82 | 14.2 | 7500 | 22.81 |
| 0804 | 20.44 | 7.33 | 520 | 4 | 0.81 | 12.5 | 9000 | 22.82 |
| 0807 | 20.47 | 7.32 | 514 | 4 | 0.81 | 11.7 | 10500 | 22.82 |
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Did well dewater? Yes No Amount actually evacuated: 10500ml

Sampling Time: 0808 Sampling Date: 10/06/10

Sample I.D.: 6MW-38 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHsp KOC's MTBE Other: See SVW

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: 6MW-39 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 50.51 | Depth to Water: Pre: 27.38 Post: 27.51 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0930 Flow Rate: 300 ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0933 | 21.42 | 7.29 | 909 | 14 | 0.89 | -53.4 | 1500 | 27.45 |
| 0936 | 21.79 | 7.25 | 910 | 10 | 0.51 | -59.6 | 3000 | 27.48 |
| 0939 | 22.10 | 7.21 | 912 | 8 | 0.32 | -65.4 | 4500 | 27.49 |
| 0942 | 22.30 | 7.21 | 911 | 6 | 0.27 | -69.3 | 6000 | 27.50 |
| 0945 | 22.41 | 7.26 | 909 | 6 | 0.24 | -71.4 | 7500 | 27.50 |
| 0948 | 22.58 | 7.20 | 908 | 6 | 0.22 | -73.6 | 9000 | 27.51 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9000 ml |
| Sampling Time: 0949 | Sampling Date: 10/07/10 |
| Sample I.D.: 6MW-39 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> , <u>TPH_p</u> , <u>VOC's</u> , <u>MTBE</u> | Other: See SOW |
| Equipment Blank I.D.: @ _____ Time | Duplicate I.D.: DOP-2 |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|--|
| Project #: 10/004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/06/10 |
| Well I.D.: GMW-40 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: 49.95 | Depth to Water: Pre: 25.70 Post: 25.83 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: 1116 Flow Rate: 500 ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1113 | 21.15 | 6.56 | 1243 | 5 | 0.89 | -124.6 | 1500 | 25.76 |
| 1116 | 21.20 | 6.59 | 1265 | 5 | 0.83 | -130.8 | 3000 | 25.80 |
| 1119 | 21.26 | 6.62 | 1273 | 4 | 0.80 | -135.7 | 4500 | 25.82 |
| 1122 | 21.30 | 6.65 | 1282 | 4 | 0.75 | -139.2 | 6000 | 25.83 |
| 1125 | 21.36 | 6.64 | 1285 | 3 | 0.72 | -141.5 | 7500 | 25.83 |
| 1128 | 21.41 | 6.67 | 1290 | 3 | 0.72 | -143.4 | 9000 | 25.83 |
| 1131 | 21.44 | 6.67 | 1293 | 3 | 0.71 | -144.2 | 10500 | 25.83 |
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Did well dewater? Yes No Amount actually evacuated: 10500 ml
 Sampling Time: 1132 Sampling Date: 10/06/10
 Sample I.D.: GMW-40 Laboratory: Alpha Analytical
 Analyzed for: TPHg PPHfp VOC's MTBE Other: Spill SW

Blank I.D.:

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Time

Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/06/10 |
| Well I.D.: GMW-41 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.81 | Depth to Water: Pre: 26.91 Post: 27.06 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: 1010 Flow Rate: 500 ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1013 | 20.56 | 7.25 | 1524 | 11 | 1.10 | -28.1 | 1500 | 26.98 |
| 1016 | 20.80 | 7.22 | 1540 | 9 | 0.92 | -35.7 | 3000 | 27.03 |
| 1019 | 20.95 | 7.20 | 1549 | 9 | 0.86 | -39.6 | 4500 | 27.05 |
| 1022 | 21.12 | 7.18 | 1554 | 7 | 0.80 | -46.3 | 6000 | 27.06 |
| 1025 | 21.20 | 7.16 | 1561 | 6 | 0.77 | -49.7 | 7500 | 27.06 |
| 1028 | 21.39 | 7.13 | 1564 | 6 | 0.74 | -52.1 | 9000 | 27.06 |
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| Did well dewater? Yes <input checked="" type="radio"/> No | Amount actually evacuated: 9000 ml |
| Sampling Time: 1029 | Sampling Date: 10/06/10 |
| Sample I.D.: GMW-41 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TRHp VOCs MTBE | Other: See SOW |
| Equipment Blank I.D.: @ Time | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 10004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: 6MW-0-1 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.10 | Depth to Water: Pre: 23.71 Post: 23.77 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1144 Flow Rate: 500ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1147 | 21.58 | 6.75 | 3214 | 8 | 2.67 | -5.6 | 1500 | 23.75 |
| 1150 | 21.67 | 6.74 | 3220 | 6 | 2.70 | -8.1 | 3000 | 23.77 |
| 1153 | 21.76 | 6.73 | 3224 | 6 | 2.66 | -10.2 | 4500 | 23.78 |
| 1156 | 21.80 | 6.73 | 3227 | 5 | 2.64 | -11.4 | 6000 | 23.78 |
| 1159 | 21.85 | 6.72 | 3228 | 5 | 2.63 | -12.6 | 7500 | 23.78 |
| 1202 | 21.89 | 6.72 | 3230 | 5 | 2.62 | -13.4 | 9000 | 23.78 |
| 1205 | 21.92 | 6.72 | 3231 | 4 | 2.62 | -13.7 | 10500 | 23.77 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 10500 |
| Sampling Time: 1206 | Sampling Date: 10/05/10 |
| Sample I.D.: 6MW-0-1 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | <u>Other: Seesaw</u> |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: 6MW-0-2 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.22 | Depth to Water: Pre: 24.45 Post: 24.52 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0951 Flow Rate: 500ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0959 | 21.50 | 6.83 | 3629 | 10 | 0.75 | -46.1 | 1500 | 24.47 |
| 0957 | 21.70 | 6.83 | 3633 | 7 | 0.79 | -49.0 | 3000 | 24.49 |
| 1000 | 21.81 | 6.82 | 3639 | 6 | 0.80 | -50.3 | 4500 | 24.51 |
| 1003 | 21.96 | 6.81 | 3642 | 6 | 0.81 | -51.6 | 6000 | 24.52 |
| 1006 | 22.06 | 6.81 | 3645 | 4 | 0.81 | -53.1 | 7500 | 24.52 |
| 1009 | 22.11 | 6.80 | 3646 | 4 | 0.82 | -54.1 | 9000 | 24.52 |
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| Did well dewater? Yes <u>No</u> | Amount actually evacuated: 9000 ml |
| Sampling Time: 1010 | Sampling Date: 10/05/10 |
| Sample I.D.: 6MW-0-2 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | <u>Other</u> See SOW |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: 6MW-0-3 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 48.36 | Depth to Water: Pre: 24.43 Post: 24.55 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0915 Flow Rate: 500ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------------|-------------|--|----------------|
| 0918 | 21.58 | 6.90 | 2877 | 9 | 2877 0.89 | -84.9 | 1500 | 24.48 |
| 0921 | 21.61 | 6.88 | 2890 | 7 | 0.79 | -80.1 | 3000 | 24.50 |
| 0924 | 21.89 | 6.86 | 2900 | 5 | 0.66 | -84.7 | 4500 | 24.52 |
| 0927 | 22.01 | 6.84 | 2906 | 5 | 0.57 | -88.1 | 6000 | 24.54 |
| 0930 | 22.09 | 6.84 | 2913 | 5 | 0.54 | -91.5 | 7500 | 24.55 |
| 0933 | 22.20 | 6.83 | 2920 | 4 | 0.52 | -95.6 | 9000 | 24.55 |
| 0936 | 22.26 | 6.83 | 2924 | 4 | 0.52 | -98.1 | 10500 | 24.55 |
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| Did well dewater? Yes <input type="radio"/> <u>No</u> <input checked="" type="radio"/> | Amount actually evacuated: 10500ml |
| Sampling Time: 0937 | Sampling Date: 10/05/10 |
| Sample I.D.: 6MW-0-3 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE Other: <u>See SOW</u> | |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 10004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: GMW-0-4 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.56 | Depth to Water: Pre: 23.97 Post: 24.02 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0820 Flow Rate: 500ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0823 | 21.16 | 6.88 | 4308 | 9 | 1.22 | -10.6 | 1500 | 23.99 |
| 0826 | 21.27 | 6.85 | 4298 | 7 | 0.95 | -22.1 | 3000 | 24.01 |
| 0829 | 21.32 | 6.83 | 4291 | 7 | 0.91 | -29.6 | 4500 | 24.02 |
| 0832 | 21.36 | 6.82 | 4297 | 5 | 0.87 | -33.7 | 6000 | 24.02 |
| 0835 | 21.39 | 6.82 | 4285 | 5 | 0.84 | -35.1 | 7500 | 24.02 |
| 0838 | 21.41 | 6.82 | 4283 | 5 | 0.82 | -36.8 | 9000 | 24.02 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9000ml |
| Sampling Time: 0839 | Sampling Date: 10/05/10 |
| Sample I.D.: GMW-0-4 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TRHP</u> <u>VOC's</u> MTBE | Other: <u>Soe 50w</u> |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-T21 | Client: KMEP |
| Sampler: #11 | Start Date: 10/05/10 |
| Well I.D.: GWW-0-4 (MFD) | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 61.44 | Depth to Water: Pre: 32.62 Post: 32.69 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0750 Flow Rate: 500ml/min Pump Depth: 56'

| Time | Temp. (C or F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|-------------------|------|--------------------------|---------------------|----------------|-------------|---------------------------------|----------------|
| 0753 | 20.84 | 7.59 | 1255 | 11 | 1.31 | 26.1 | 3000 ¹⁵⁰⁰ | 32.65 |
| 0756 | 20.92 | 7.50 | 1281 | 9 | 0.96 | -21.0 | 3000 | 32.67 |
| 0759 | 20.96 | 7.46 | 1298 | 7 | 0.87 | -32.4 | 4500 | 32.68 |
| 0802 | 20.98 | 7.43 | 1309 | 7 | 0.81 | -41.1 | 6000 | 32.69 |
| 0805 | 21.01 | 7.40 | 1320 | 5 | 0.78 | -46.3 | 7500 | 32.69 |
| 0808 | 21.04 | 7.38 | 1331 | 4 | 0.75 | -49.5 | 9000 | 32.69 |
| 0811 | 21.06 | 7.37 | 1338 | 4 | 0.73 | -52.6 | 10500 | 32.69 |
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Did well dewater? Yes No Amount actually evacuated: 10500ml

Sampling Time: 0812 Sampling Date: 10/05/10

Sample I.D.: GWW-0-4 (MFD) Laboratory: Alpha Analytical

Analyzed for: TPHg TPHf VOC's MTBE Other: See SOW

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|--|
| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/04/10 |
| Well I.D.: 6MW-0-5 | Well Diameter: 2 3 ④ 6 8 |
| Total Well Depth: 48.86 | Depth to Water: Pre: 24.52 Post: 24.53 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1519 Flow Rate: 500ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1522 | 21.36 | 7.24 | 2745 | 12 | 1.11 | -12.4 | 1500 | 24.52 |
| 1525 | 21.40 | 7.21 | 2772 | 9 | 0.89 | -20.9 | 3000 | 24.52 |
| 1528 | 21.43 | 7.19 | 2781 | 6 | 0.67 | -28.1 | 4500 | 24.53 |
| 1531 | 21.45 | 7.19 | 2788 | 6 | 0.62 | -35.7 | 6000 | 24.53 |
| 1534 | 21.46 | 7.18 | 2792 | 5 | 0.59 | -38.1 | 7500 | 24.53 |
| 1537 | 21.47 | 7.18 | 2795 | 5 | 0.57 | -40.3 | 9000 | 24.53 |
| 1540 | 21.47 | 7.17 | 2796 | 5 | 0.54 | -42.6 | 10500 | 24.53 |
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| Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/> | Amount actually evacuated: 10500ml |
| Sampling Time: 1541 | Sampling Date: 10/04/10 |
| Sample I.D.: 6MW-0-5 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg, TPHf, VOCs, MTBE | Other: See SOW |
| Equipment Blank I.D.: EB-2 @ 1615 Time | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-FR1 | Client: KMEP |
| Sampler: AH | Start Date: 10/05/10 |
| Well I.D.: 6MW-0-6 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.69 | Depth to Water: Pre: 23.15 Post: 23.21 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grandfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0847 Flow Rate: 500ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0850 | 22.05 | 6.89 | 2937 | 13 | 0.20 | -11.3 | 1500 | 23.18 |
| 0853 | 22.19 | 6.92 | 2950 | 10 | 0.71 | -23.6 | 3000 | 23.20 |
| 0856 | 22.30 | 6.95 | 2961 | 9 | 0.73 | -30.1 | 4500 | 23.21 |
| 0859 | 22.39 | 6.97 | 2977 | 7 | 0.73 | -35.6 | 6000 | 23.21 |
| 0902 | 22.42 | 6.98 | 2982 | 7 | 0.74 | -38.1 | 7500 | 23.21 |
| 0905 | 22.46 | 6.98 | 2988 | 6 | 0.74 | -40.6 | 9000 | 23.21 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 0906 Sampling Date: 10/05/10

Sample I.D.: 6MW-0-6 Laboratory: Alpha Analytical

Analyzed for: TPH TPH VOCs MTBE Other: see saw

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: GMW-0-8 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.44 | Depth to Water: Pre: 22.60 Post: 22.67 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1116 Flow Rate: 500ml/min Pump Depth: 44'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1119 | 21.79 | 6.92 | 3343 | 10 | 0.87 | 16.7 | 1500 | 22.63 |
| 1122 | 22.01 | 6.90 | 3351 | 9 | 0.61 | -3.1 | 3000 | 22.65 |
| 1125 | 22.19 | 6.88 | 3370 | 8 | 0.50 | -17.5 | 4500 | 22.66 |
| 1128 | 22.25 | 6.85 | 3376 | 8 | 0.43 | -22.6 | 6000 | 22.67 |
| 1131 | 22.28 | 6.84 | 3382 | 5 | 0.40 | -25.3 | 7500 | 22.67 |
| 1134 | 22.31 | 6.83 | 3390 | 5 | 0.37 | -28.1 | 9000 | 22.67 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 1135 Sampling Date: 10/05/10

Sample I.D.: GMW-0-8 Laboratory: Alpha Analytical

Analyzed for: TPHg, KPHsp, VOC's, MTBE Other: See SOW

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: 6MW-0-9 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: 56.05 | Depth to Water: Pre: 25.89 Post: 25.97 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1021 Flow Rate: 500ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1024 | 20.79 | 7.02 | 2800 | 13 | 2.12 | -11.9 | 1500 | 25.92 |
| 1027 | 21.23 | 7.00 | 2796 | 9 | 2.09 | -6.5 | 3000 | 25.95 |
| 1030 | 21.50 | 6.98 | 2781 | 9 | 2.06 | -3.1 | 4500 | 25.96 |
| 1033 | 21.66 | 6.97 | 2777 | 6 | 2.05 | -1.5 | 6000 | 25.97 |
| 1036 | 21.65 | 6.96 | 2774 | 6 | 2.01 | 1.1 | 7500 | 25.97 |
| 1039 | 21.65 | 6.96 | 2771 | 6 | 2.00 | 2.3 | 9000 | 25.97 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9000ml |
| Sampling Time: 1040 | Sampling Date: 10/05/10 |
| Sample I.D.: 6MW-0-9 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHsp VOC's MTBE | Other: Re SOW |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: BMW-0-10 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: 50.03 | Depth to Water: Pre: 26.48 Post: 26.60 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1200 Flow Rate: 500ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1203 | 22.15 | 7.29 | 2232 | 10 | 0.48 | -170.7 | 1500 | 26.53 |
| 1206 | 22.48 | 7.28 | 2246 | 8 | 0.39 | -176.1 | 3000 | 26.55 |
| 1209 | 22.69 | 7.35 | 2244 | 6 | 0.36 | -186.9 | 4500 | 26.57 |
| 1212 | 22.77 | 7.37 | 2256 | 6 | 0.38 | -190.3 | 6000 | 26.59 |
| 1215 | 22.88 | 7.37 | 2255 | 4 | 0.39 | -199.7 | 7500 | 26.60 |
| 1218 | 22.89 | 7.38 | 2261 | 4 | 0.40 | -198.1 | 9000 | 26.60 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9000ml |
| Sampling Time: 1219 | Sampling Date: 10/07/10 |
| Sample I.D.: BMW-0-10 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg, TPHip, VOC's, MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|------------------------------------|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-0-11 | Well Diameter: 2 3 4 6 8 _____ |
| Total Well Depth: Ert pump | Depth to Water: Pre: 30.00 Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVO</u> Grade | Flow Cell Type: <u>YSI 550</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other EXT PORT
 Start Purge Time: 1525 Flow Rate: 200 mL/MIN Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|--------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1528 | 16.5 | 7.07 | 2645 | 5 | 1.10 | -17.5 | 600 | — |
| 1531 | 16.5 | 7.11 | 2643 | 4 | 1.53 | -11.8 | 1200 | — |
| 1534 | 16.5 | 7.10 | 2642 | 4 | 1.60 | -10.2 | 1800 | — |
| 1537 | 16.2 | 7.11 | 2640 | 4 | 1.65 | -9.3 | 2400 | — |
| 1540 | 16.2 | 7.11 | 2635 | 4 | 1.68 | -9.0 | 3000 | — |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3.0 L |
| Sampling Time: 1541 | Sampling Date: 10/4/10 |
| Sample I.D.: GMW-0-11 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHh</u> <u>VOCs</u> MTBE Other: | |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-0-12 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 25.31 Post: 25.35 |
| Depth to Free Product: 25.20 | Thickness of Free Product (feet): 0.11 |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing + check valve Other _____
 Start Purge Time: 1035 Flow Rate: 200 ML/MIN Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1038 | 21.50 | 7.22 | 2903 | 112 | 1.70 | -37.0 | 600 | 25.35 |
| 1041 | 22.0 | 7.18 | 2811 | 54 | 2.11 | -45.5 | 1200 | 25.35 |
| 1044 | 22.1 | 7.16 | 2742 | 48 | 1.56 | -53.9 | 1800 | 25.35 |
| 1047 | 22.1 | 7.16 | 2707 | 46 | 1.42 | -68.5 | 2400 | 25.35 |
| 1050 | 22.2 | 7.16 | 2689 | 50 | 1.50 | -62.3 | 3000 | 25.35 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 3.0 L |
| Sampling Time: 1051 | Sampling Date: 10/5/10 |
| Sample I.D.: GMW-0-12 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> <u>TPH_{sp}</u> <u>VOC's</u> MTBE | Other: See C.O.C. |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-0-14 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: 49.65 | Depth to Water: Pre: 26.04 Post: 26.11 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grandfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1109 Flow Rate: 500 mL/min Pump Depth: 45.0'

| Time | Temp. (C or F) | pH | Cond. (mS or μ S) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|-------------------|------|--------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1112 | 22.0 | 7.35 | 2215 | 18 | 0.80 | -211.1 | 1500 | 26.11 |
| 1115 | 22.2 | 7.23 | 2110 | 12 | 0.68 | -218.5 | 3000 | 26.11 |
| 1118 | 22.5 | 7.20 | 2103 | 10 | 0.60 | -228.3 | 4500 | 26.11 |
| 1121 | 22.6 | 7.18 | 2080 | 10 | 0.53 | -240.0 | 6000 | 26.11 |
| 1124 | 22.8 | 7.15 | 2073 | 10 | 0.50 | -249.0 | 7500 | 26.11 |
| 1127 | 22.8 | 7.15 | 2070 | 12 | 0.46 | -253.0 | 9000 | 26.11 |
| 1130 | 22.8 | 7.15 | 2068 | 10 | 0.46 | -255.1 | 10500 | 26.11 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 10.5 L |
| Sampling Time: 1131 | Sampling Date: 10/7/10 |
| Sample I.D.: GMW-0-14 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOCs MTBE | Other: |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: DUP-3 |

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------------|--|
| Project #: <u>10004-TR1</u> | Client: <u>KMEP</u> |
| Sampler: <u>HH</u> | Start Date: <u>10/05/10</u> |
| Well I.D.: <u>6MW-0-15</u> | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: <u>—</u> | Depth to Water: Pre: <u>25.85</u> Post: <u>—</u> |
| Depth to Free Product: <u>25.80</u> | Thickness of Free Product (feet): <u>0.05</u> |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other: ENT Point
 Start Purge Time: 1350 Flow Rate: 200ml/min Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|-------------|---------------------|-------------|---------------------|---------------------|----------------|---------------|--------------------------------|----------------|
| <u>1353</u> | <u>22.92</u> | <u>7.06</u> | <u>2523</u> | <u>16</u> | <u>0.87</u> | <u>-110.4</u> | <u>600</u> | <u>—</u> |
| <u>1356</u> | <u>23.18</u> | <u>7.06</u> | <u>2524</u> | <u>10</u> | <u>0.91</u> | <u>-135.6</u> | <u>1200</u> | <u>—</u> |
| <u>1359</u> | <u>23.25</u> | <u>7.08</u> | <u>2530</u> | <u>8</u> | <u>0.35</u> | <u>-140.1</u> | <u>1800</u> | <u>—</u> |
| <u>1402</u> | <u>23.30</u> | <u>7.10</u> | <u>2536</u> | <u>7</u> | <u>0.31</u> | <u>-143.7</u> | <u>2400</u> | <u>—</u> |
| <u>1405</u> | <u>23.34</u> | <u>7.11</u> | <u>2540</u> | <u>6</u> | <u>0.27</u> | <u>148.1</u> | <u>3000</u> | <u>—</u> |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: <u>5000ml</u> |
| Sampling Time: <u>1406</u> | Sampling Date: <u>10/05/10</u> |
| Sample I.D.: <u>6MW-0-15</u> | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg</u> <u>TPHlp</u> <u>VOC's</u> <u>MTBE</u> Other: <u>See 50W</u> | |
| Equipment Blank I.D.: <u>EB-3</u> @ <u>1445</u> Time | Duplicate I.D.: <u> </u> |

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/06/10 |
| Well I.D.: 6MW-0-16 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 48.65 | Depth to Water: Pre: 26.10 Post: 26.17 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0715 Flow Rate: 500ml/min Pump Depth: 43'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0718 | 20.10 | 6.79 | 2209 | 14 | 1.09 | 222.1 | 1500 2000 ** | 26.13 |
| 0721 | 20.19 | 6.81 | 2199 | 9 | 0.90 | 176.2 | 3000 | 26.15 |
| 0724 | 20.22 | 6.82 | 2193 | 9 | 0.86 | 134.1 | 4500 | 26.16 |
| 0727 | 20.25 | 6.82 | 2190 | 6 | 0.80 | 112.0 | 6000 | 26.17 |
| 0730 | 20.28 | 6.83 | 2188 | 6 | 0.77 | 107.6 | 7500 | 26.17 |
| 0733 | 20.30 | 6.83 | 2185 | 6 | 0.75 | 105.1 | 9000 | 26.17 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9000 ml |
| Sampling Time: 0734 | Sampling Date: 10/06/10 |
| Sample I.D.: 6MW-0-16 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg <input checked="" type="checkbox"/> TPHlp <input checked="" type="checkbox"/> VOCs <input checked="" type="checkbox"/> MTBE | Other: See SW |
| Equipment Blank I.D.: | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---|
| Project #: 10004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/05/10 |
| Well I.D.: GWW-0-17 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 39.56 | Depth to Water: 25.66 Pre: 25.60 Post: 25.66 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0715 Flow Rate: 500ml/min Pump Depth: 34'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (liters <u>gals</u> or ml) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|---|----------------|
| 0718 | 20.73 | 6.88 | 1885 | 13 | 1.21 | 212.1 | 1500 | 25.64 |
| 0721 | 20.98 | 6.91 | 1889 | 9 | 1.10 | 188.1 | 3000 | 25.66 |
| 0724 | 21.16 | 6.94 | 1892 | 7 | 0.91 | 175.3 | 4500 | 25.66 |
| 0727 | 21.20 | 6.97 | 1896 | 7 | 0.87 | 160.1 | 6000 | 25.66 |
| 0730 | 21.23 | 6.98 | 1898 | 6 | 0.85 | 157.6 | 7500 | 25.66 |
| 0736 | 21.25 | 6.99 | 1897 | 6 | 0.83 | 154.2 | 9000 | 25.66 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9000ml |
| Sampling Time: 0737 | Sampling Date: 10/05/10 |
| Sample I.D.: GWW-0-17 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> <u>TPHP</u> <u>VOCs</u> MTBE Other: See SOW | |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|----------------------------|-----------------------------------|
| Project #: 101004-TM1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-0-18 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: Ext pump | Depth to Water: Pre: 29.95 Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVS Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other EXT. PORT.
 Start Purge Time: 1323 Flow Rate: 500ML/MIN Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1326 | 21.0 | 7.38 | 2567 | 15 | 1.95 | 6.7 | 1500 | — |
| 1329 | 20.7 | 7.37 | 2313 | 5 | 2.13 | 9.7 | 3000 | — |
| 1332 | 20.5 | 7.35 | 2273 | 5 | 3.08 | 13.5 | 4500 | — |
| 1335 | 20.5 | 7.31 | 2260 | 5 | 3.30 | 15.0 | 6000 | — |
| 1338 | 20.5 | 7.31 | 2248 | 4 | 3.37 | 15.5 | 7500 | — |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 7.5L |
| Sampling Time: 1339 | Sampling Date: 10/5/10 |
| Sample I.D.: GMW-0-18 | Laboratory: Alpha Analytical |
| Analyzed for: <input checked="" type="checkbox"/> TPHg <input checked="" type="checkbox"/> TPHp <input checked="" type="checkbox"/> VOC's <input type="checkbox"/> MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ | Duplicate I.D.: DUP-4 |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|---|
| Project #: 101004-TK1 | Client: KMEP |
| Sampler: MK | Start Date: 10/4/10 |
| Well I.D.: GWN-0-19 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 40.00 | Depth to Water: Pre: 26.3 Post: 26.36 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other

Start Purge Time: 0735 Flow Rate: 500 ml/min Pump Depth: 35'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0738 | 20.7 | 7.15 | 1733 | 11 | 0.53 | 24.5 | 1500 | 26.36 |
| 0741 | 21.0 | 7.30 | 1730 | 7 | 0.49 | 25.7 | 3000 | 26.36 |
| 0744 | 21.2 | 7.32 | 1727 | 5 | 0.44 | 25.8 | 4500 | 26.36 |
| 0747 | 21.2 | 7.32 | 1725 | 5 | 0.44 | 26.0 | 6000 | 26.36 |
| 0750 | 21.2 | 7.33 | 1722 | 5 | 0.40 | 27.0 | 7500 | 26.36 |
| 0753 | 21.2 | 7.33 | 1722 | 5 | 0.40 | 27.3 | 9000 | 26.36 |
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Did well dewater? Yes No Amount actually evacuated: 9.02

Sampling Time: 0754 Sampling Date: 10/6/10

Sample I.D.: GWN-0-19 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: See C.O.C

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: GMW-0-20 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 31.20 Post: 31.30 |
| Depth to Free Product: 31.10 | Thickness of Free Product (feet): 0.10 |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 550</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing + CHECK VALVE Other _____
 Start Purge Time: 0958 Flow Rate: 200 ML/MIN Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1001 | 22.9 | 7.43 | 3033 | 58 | 4.04 | -8.3 | 600 | — |
| 1004 | 23.0 | 7.29 | 3017 | 66 | 3.00 | -19.0 | 1200 | — |
| 1007 | 22.9 | 7.22 | 3038 | 55 | 2.88 | -23.5 | 1800 | 31.30 |
| 1010 | 23.0 | 7.20 | 3033 | 50 | 2.65 | -25.8 | 2400 | 31.30 |
| 1013 | 23.0 | 7.20 | 3038 | 46 | 2.55 | -30.3 | 3000 | 31.30 |
| 1016 | 23.0 | 7.20 | 3042 | 45 | 2.50 | -32.0 | 3600 | 31.30 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: <u>3.6 L</u> |
| Sampling Time: <u>1017</u> | Sampling Date: <u>10/5/10</u> |
| Sample I.D.: <u>GMW-0-20</u> | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: <u>10/004-TK1</u> | Client: <u>KMEP</u> |
| Sampler: <u>HH</u> | Start Date: <u>10/08/10</u> |
| Well I.D.: <u>6MW-0-21</u> | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: <u>41.65</u> | Depth to Water: Pre: <u>25.40</u> Post: <u>25.51</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0717 Flow Rate: 500 ml/min Pump Depth: 36'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0720 | 20.89 | 6.56 | 2285 | 21 | 0.81 | -90.9 | 1500 | 25.44 |
| 0723 | 21.20 | 6.70 | 2327 | 14 | 0.49 | -136.7 | 3000 | 25.47 |
| 0726 | 21.31 | 6.76 | 2357 | 10 | 0.46 | -145.1 | 4500 | 25.49 |
| 0729 | 21.43 | 6.80 | 2361 | 9 | 0.43 | -150.6 | 6000 | 25.50 |
| 0732 | 21.55 | 6.82 | 2370 | 7 | 0.41 | -153.2 | 7500 | 25.51 |
| 0735 | 21.64 | 6.84 | 2374 | 7 | 0.40 | -155.4 | 9000 | 25.51 |
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| Did well dewater? Yes <u>No</u> | Amount actually evacuated: <u>9000ml</u> |
| Sampling Time: <u>0736</u> | Sampling Date: <u>10/08/10</u> |
| Sample I.D.: <u>6MW-0-21</u> | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg</u> <u>TPHsp</u> <u>VOCs</u> <u>MTBE</u> | Other: <u>See SOW</u> |
| Equipment Blank I.D.: <u>@</u> | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/08/10 |
| Well I.D.: 6MW-0-23 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 29.12 | Depth to Water: Pre: 25.92 Post: 26.10 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0930 Flow Rate: 500ml/min Pump Depth: ~~27~~ 28'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0933 | 22.44 | 6.82 | 2410 | 212 | 0.86 | -128.0 | 1500 | 25.97 |
| 0936 | 22.61 | 6.80 | 2387 | 196 | 0.81 | -129.1 | 3000 | 26.03 |
| 0939 | 22.82 | 6.69 | 2378 | 175 | 0.77 | -130.2 | 4500 | 26.08 |
| 0942 | 22.94 | 6.67 | 2367 | 113 | 0.74 | -131.3 | 6000 | 26.10 |
| 0945 | 23.05 | 6.65 | 2356 | 101 | 0.72 | -132.1 | 7500 | 26.10 |
| 0948 | 23.09 | 6.64 | 2350 | 95 | 0.71 | -134.7 | 9000 | 26.10 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 0949 Sampling Date: 10/08/10

Sample I.D.: 6MW-0-23 Laboratory: Alpha Analytical

Analyzed for: TPH TPH VOC's MTBE Other: See SOW

Equipment Blank I.D.: @ _____ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: RL | Start Date: 10/4/10 |
| Well I.D.: GMW-SF-7 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 43.25 | Depth to Water: Pre: 27.47 Post: 27.47 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0957 Flow Rate: 500 mL/MIN Pump Depth: 38.5'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1000 | 20.6 | 7.57 | 593 | 13 | 4.22 | 23.7 | 1500 | 27.47 |
| 1003 | 20.9 | 7.65 | 594 | 7 | 4.18 | 23.7 | 3000 | 27.47 |
| 1006 | 21.0 | 7.64 | 594 | 6 | 4.18 | 23.5 | 4500 | 27.47 |
| 1009 | 21.0 | 7.64 | 591 | 5 | 4.10 | 23.3 | 6000 | 27.47 |
| 1012 | 21.0 | 7.64 | 591 | 5 | 4.08 | 23.8 | 7500 | 27.47 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 7.5 L |
| Sampling Time: 1013 | Sampling Date: 10/6/10 |
| Sample I.D.: GMW-SF-7 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHp</u> <u>VOO's</u> MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 2/2/10 10/4/10 |
| Well I.D.: GMW-SF-B | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 43.68 | Depth to Water: Pre: 28.70 Post: 28.73 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0925 Flow Rate: 500 ML / MIN Pump Depth: 38.5

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0928 | 21.7 | 7.50 | 1620 | 6 | 1.96 | 29.5 | 1500 | 28.73 |
| 0931 | 21.9 | 7.44 | 1616 | 4 | 1.90 | 24.6 | 3000 | 28.73 |
| 0934 | 22.2 | 7.43 | 1615 | 4 | 1.87 | 23.7 | 4500 | 28.74 |
| 0937 | 22.2 | 7.40 | 1610 | 4 | 1.80 | 22.5 | 6000 | 28.73 |
| 0940 | 22.3 | 7.40 | 1605 | 4 | 1.76 | 22.0 | 7500 | 28.73 |
| 0943 | 22.3 | 7.40 | 1603 | 4 | 1.75 | 21.8 | 9000 | 28.73 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9.5L |
| Sampling Time: 0944 | Sampling Date: 10/6/10 |
| Sample I.D.: GMW-SF-B | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHp VOC's MTBE | Other: See LOR |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004 - TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: 6MW-SF-9 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 42.41 | Depth to Water: Pre: 25.28 Post: 25.40 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0855 Flow Rate: 500ml/min Pump Depth: 37'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0858 | 21.43 | 7.53 | 424 | 18 | 0.45 | -134.8 | 1500 | 25.34 |
| 0901 | 21.55 | 7.46 | 419 | 17 | 0.31 | -150.6 | 3000 | 25.37 |
| 0904 | 21.76 | 7.44 | 414 | 15 | 0.27 | -160.1 | 4500 | 25.39 |
| 0907 | 21.82 | 7.43 | 411 | 15 | 0.24 | -163.7 | 6000 | 25.40 |
| 0910 | 21.87 | 7.43 | 409 | 14 | 0.21 | -165.1 | 7500 | 25.40 |
| 0912 | 21.90 | 7.43 | 407 | 14 | 0.19 | -167.9 | 9000 | 25.40 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 0914 Sampling Date: 10/07/10

Sample I.D.: 6MW-SF-9 Laboratory: Alpha Analytical

Analyzed for: TRHg TPHfp VOC's MTBE Other: See 10w

Equipment Blank I.D.: @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: 6 MW-SF-10 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 46.89 46.89 | Depth to Water: Pre: 28.03 Post: 28.10 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1010 Flow Rate: 500ml/min Pump Depth: 41'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1013 | 22.20 | 7.20 | 831 | 12 | 0.81 | -60.0 | 1500 | 28.07 |
| 1016 | 22.50 | 7.18 | 847 | 10 | 0.62 | -69.3 | 3000 | 28.09 |
| 1019 | 22.61 | 7.18 | 855 | 8 | 0.53 | -74.8 | 4500 | 28.10 |
| 1022 | 22.67 | 7.17 | 867 | 6 | 0.49 | -77.9 | 6000 | 28.10 |
| 1025 | 22.73 | 7.17 | 869 | 6 | 0.45 | -79.2 | 7500 | 28.10 |
| 1028 | 22.77 | 7.17 | 872 | 6 | 0.43 | -81.4 | 9000 | 28.10 |
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| Did well dewater? Yes <input type="radio"/> <u>No</u> | Amount actually evacuated: 9000ml |
| Sampling Time: 1029 | Sampling Date: 10/07/10 |
| Sample I.D.: 6 MW-SF-10 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> <u>TRHf</u> <u>VOC's</u> MTBE | Other: <u>see DW</u> |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: M | Start Date: 10/4/10 |
| Well I.D.: GWR-3 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49.70 | Depth to Water: Pre: 30.67 Post: 30.71 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 956</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing Need Tubing Other _____
 Start Purge Time: 0758 Flow Rate: 500 ml/min Pump Depth: 45'

| Time | Temp. (<u>C</u> °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|-------------------------|------|-----------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0801 | 21.5 | 7.43 | 3518 | >1000 | 0.62 | -272.1 | 1500 | 30.70 |
| 0804 | 21.6 | 7.40 | 3510 | 197 | 0.58 | -290.5 | 3000 | 30.70 |
| 0807 | 22.0 | 7.35 | 3508 | 168 | 0.52 | -303.2 | 4500 | 30.71 |
| 0810 | 22.1 | 7.35 | 3505 | 80 | 0.50 | -308.5 | 6000 | 30.71 |
| 0813 | 22.1 | 7.35 | 3504 | 44 | 0.50 | -310.3 | 7500 | 30.71 |
| 0816 | 22.2 | 7.35 | 3504 | 47 | 0.52 | -313.8 | 9000 | 30.71 |
| 0819 | 22.1 | 7.35 | 3504 | 45 | 0.52 | -315.0 | 10500 | 30.71 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 10.5 L |
| Sampling Time: 0820 | Sampling Date: 10/9/10 |
| Sample I.D.: GWR-3 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: HL-2 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 39.07 | Depth to Water: Pre: 29.25 Post: 29.31 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 356</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1038 Flow Rate: 500 mL / MIN Pump Depth: 35'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1041 | 21.3 | 7.00 | 3748 | 182 | 0.87 | 58.0 | 1500 | 29.31 |
| 1044 | 21.7 | 7.07 | 3741 | 52 | 0.86 | 50.9 | 3000 | 29.31 |
| 1047 | 22.0 | 7.07 | 3763 | 37 | 0.78 | 46.5 | 4500 | 29.31 |
| 1050 | 22.1 | 7.07 | 3763 | 32 | 0.80 | 44.3 | 6000 | 29.31 |
| 1053 | 22.1 | 7.07 | 3744 | 30 | 0.78 | 44.2 | 7500 | 29.31 |
| 1056 | 22.2 | 7.07 | 3764 | 28 | 0.76 | 44.0 | 9000 | 29.31 |
| 1059 | 22.2 | 7.07 | 3765 | 28 | 0.75 | 39.6 | 10500 | 29.31 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 10.5 L |
| Sampling Time: 1100 | Sampling Date: 10/4/10 |
| Sample I.D.: HL-2 | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOCs</u> MTBE | Other: See G.O.C. |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|------------------------------|---|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: HW-2 | Well Diameter: 2 3 4 6 8 _____ |
| Total Well Depth: _____ | Depth to Water: Pre: _____ Post: _____ |
| Depth to Free Product: _____ | Thickness of Free Product (feet): _____ |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: ~~2" Grundfos Pump~~ Peristaltic Pump Bladder Pump
 Sampling Method: ~~Dedicated Tubing~~ New Tubing Other
 Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|--------------------------------------|---------------------|----|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| — UNABLE TO LOCATE WELL — | | | | | | | | |
| — WELL DOES NOT APPEAR ON SITE MAP — | | | | | | | | |
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| — NO SAMPLES TAKEN — | | | | | | | | |

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| Did well dewater? Yes No | Amount actually evacuated: _____ |
| Sampling Time: _____ | Sampling Date: _____ |
| Sample I.D.: _____ | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: _____ |
| Equipment Blank I.D.: _____ @ _____ Time | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 10004-TR1 | Client: KMEP |
| Sampler: AA | Start Date: 10/06/10 |
| Well I.D.: MW-6 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 52.05 | Depth to Water: Pre: 29.80 Post: 29.90 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1200 Flow Rate: 500ml/min Pump Depth: 47

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1203 | 19.91 | 6.73 | 3072 | 9 | 1.95 | -89.1 | 1500 | 29.84 |
| 1207 | 20.30 | 6.64 | 3132 | 7 | 1.90 | -88.6 | 3000 | 29.87 |
| 1210 | 20.69 | 6.64 | 3149 | 7 | 1.70 | -80.0 | 4500 | 29.89 |
| 1213 | 20.92 | 6.63 | 3157 | 6 | 1.66 | -78.3 | 6000 | 29.90 |
| 1216 | 21.20 | 6.63 | 3178 | 6 | 1.61 | -77.6 | 7500 | 29.90 |
| 1219 | 21.31 | 6.62 | 3185 | 4 | 1.58 | -76.1 | 9000 | 29.90 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 1220 Sampling Date: 10/06/10

Sample I.D.: MW-6 Laboratory: Alpha Analytical

Analyzed for: TRHg TPHsp VOC's MTBE Other: See C.O.C

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 10/004 TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: MW-7 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 53.60 | Depth to Water: Pre: 28.16 Post: 28.26 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0703 Flow Rate: 500ml/min Pump Depth: 48'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0706 | 21.08 | 6.76 | 3669 | 8 | 1.31 | -89.1 | 1500 | 28.21 |
| 0709 | 21.89 | 6.79 | 3733 | 7 | 1.07 | -101.1 | 3000 | 28.23 |
| 0712 | 21.99 | 6.83 | 3740 | 7 | 0.88 | -106.3 | 4500 | 28.25 |
| 0715 | 22.10 | 6.85 | 3752 | 6 | 0.85 | -109.5 | 6000 | 28.26 |
| 0718 | 22.21 | 6.86 | 3759 | 6 | 0.83 | -111.6 | 7500 | 28.26 |
| 0721 | 22.29 | 6.86 | 3763 | 5 | 0.81 | -112.8 | 9000 | 28.26 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9000ml |
| Sampling Time: 0722 | Sampling Date: 10/07/10 |
| Sample I.D.: MW-7 | Laboratory: Alpha Analytical |
| Analyzed for: <u>PPHg</u> <u>TPHhp</u> <u>VOC's</u> <u>MTBE</u> Other: <u>See SOW</u> | |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 161004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: MW-8 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 51.91 | Depth to Water: Pre: <u>28.16</u> Post: <u>28.25</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0815 Flow Rate: 500ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0818 | 21.83 | 6.93 | 1669 | 11 | 0.55 | -40.3 | 1500 | 28.22 |
| 0821 | 22.08 | 6.90 | 1660 | 8 | 0.42 | -45.7 | 3000 | 28.25 |
| 0824 | 22.30 | 6.90 | 1675 | 8 | 0.39 | -49.9 | 4500 | 28.27 |
| 0827 | 22.45 | 6.90 | 1683 | 7 | 0.36 | -51.3 | 6000 | 28.26 |
| 0830 | 22.51 | 6.88 | 1685 | 5 | 0.35 | -53.1 | 7500 | 28.26 |
| 0833 | 22.57 | 6.88 | 1687 | 5 | 0.33 | -55.4 | 9000 | 28.25 |
| 0836 | 22.63 | 6.89 | 1688 | 5 | 0.32 | -56.3 | 10500 | 28.25 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: <u>10500ml</u> |
| Sampling Time: <u>0837</u> | Sampling Date: <u>10/07/10</u> |
| Sample I.D.: <u>MW-8</u> | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHlp</u> <u>VOCs</u> MTBE | Other: <u>See SOW</u> |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|--|
| Project #: 101004-M1 | Client: KMEP |
| Sampler: M | Start Date: 10/4/10 |
| Well I.D.: MN-9 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 51.90 | Depth to Water: Pre: 29.35 Post: 29.44 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0840 Flow Rate: 500 ml/min Pump Depth: 46'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0843 | 23.8 | 6.96 | 1734 | 10 | 0.78 | -206.3 | 1500 | 29.42 |
| 0846 | 23.8 | 6.86 | 1742 | 8 | 0.45 | -240.3 | 3000 | 29.42 |
| 0849 | 23.9 | 6.80 | 1742 | 8 | 0.40 | -248.3 | 4500 | 29.43 |
| 0852 | 24.0 | 6.78 | 1742 | 5 | 0.36 | -255.3 | 6000 | 29.43 |
| 0855 | 24.0 | 6.78 | 1742 | 4 | 0.32 | -258.7 | 7500 | 29.44 |
| 0858 | 24.0 | 6.78 | 1742 | 5 | 0.32 | -260.3 | 9000 | 29.44 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9.0L |
| Sampling Time: 0843 0859 | Sampling Date: 10/7/10 |
| Sample I.D.: MN-9 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHsp VOC's MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 16004-TR1 | Client: KMEP |
| Sampler: AA | Start Date: 10/06/10 |
| Well I.D.: MW-12 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 52.13 | Depth to Water: Pre: 28.21 Post: 28.29 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grandfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0940 Flow Rate: 500ml/min Pump Depth: 47'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0943 | 20.10 | 7.61 | 1140 | 16 | 1.89 | -25.2 | 1500 | 28.26 |
| 0946 | 20.61 | 7.32 | 1086 | 10 | 1.95 | -18.2 | 3000 | 28.27 |
| 0949 | 20.89 | 7.28 | 1077 | 6 | 2.10 | -13.9 | 4500 | 28.28 |
| 0952 | 21.10 | 7.26 | 1076 | 6 | 2.13 | -10.9 | 6000 | 28.29 |
| 0955 | 21.26 | 7.24 | 1068 | 5 | 2.15 | -9.7 | 7500 | 28.29 |
| 0958 | 21.30 | 7.24 | 1069 | 5 | 2.16 | -8.1 | 9000 | 28.29 |
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| Did well dewater? Yes <u>No</u> | Amount actually evacuated: 9000ml |
| Sampling Time: 0959 | Sampling Date: 10/06/10 |
| Sample I.D.: MW-12 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: See SAW |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-15 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 30.19 Post: 30.30 |
| Depth to Free Product: 29.14 | Thickness of Free Product (feet): 1.05 |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 550</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing + CHECK VALVE Other _____
 Start Purge Time: 0734 Flow Rate: 200 ML/MIN Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0738 | 21.13 | 6.88 | 1424 | 88 | 1.86 | -40.4 | 600 | 30.30 |
| 0741 | 21.9 | 7.10 | 1443 | 153 | 1.30 | -45.2 | 1200 | 30.30 |
| 0744 | 22.0 | 7.20 | 1560 | 182 | 0.95 | -38.3 | 1800 | 30.30 |
| 0747 | 22.1 | 7.23 | 1585 | 169 | 0.63 | -35.8 | 2400 | 30.30 |
| 0750 | 22.1 | 7.25 | 1596 | 160 | 0.60 | -35.0 | 3000 | 30.30 |
| 0753 | 22.1 | 7.25 | 1599 | 166 | 0.58 | -35.8 | 3600 | 30.30 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 3.6 L |
| Sampling Time: 0754 | Sampling Date: 10/4/10 |
| Sample I.D.: MW-15 | Laboratory: Alpha <u>Analytical</u> |
| Analyzed for: <u>TPHg</u> <u>TPHf</u> <u>VOC's</u> <u>MTBE</u> | Other: See C.O.C |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/27/10 |
| Well I.D.: MW-18 (M.I.D.) | Well Diameter: 2 3 ④ 6 8 |
| Total Well Depth: 65.50 | Depth to Water: Pre: 32.30 Post: 32.46 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1321 Flow Rate: 500 ml/min Pump Depth: 60'

| Time | Temp. (°C or °F) | pH | Cond. (mS or μS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|------------------|------|------------------|------------------|-------------|----------|-----------------------------|----------------|
| 1324 | 24.05 | 7.44 | 1979 | 11 | 1.31 | -136.1 | 1500 | 32.36 |
| 1327 | 24.03 | 7.36 | 2021 | 8 | 1.01 | -138.9 | 3000 | 32.40 |
| 1330 | 24.00 | 7.29 | 2095 | 6 | 0.88 | -131.4 | 4500 | 32.43 |
| 1333 | 23.95 | 7.26 | 2115 | 6 | 0.86 | -128.6 | 6000 | 32.45 |
| 1336 | 23.91 | 7.24 | 2120 | 6 | 0.81 | -115.1 | 7500 | 32.46 |
| 1339 | 23.91 | 7.23 | 2123 | 4 | 0.79 | -112.9 | 9000 | 32.46 |
| 1342 | 23.90 | 7.23 | 2127 | 4 | 0.76 | -110.3 | 10500 | 32.46 |
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Did well dewater? Yes No

Amount actually evacuated: 10500 ml

Sampling Time: 1343 Sampling Date: 10/07/10

Sample I.D.: MW-18 (M.I.D.) Laboratory: Alpha Analytical

Analyzed for: TPHg TPHp VOC's MTBE Other: See SW

Equipment Blank I.D.: EB-7 @ 1445 Duplicate I.D.:
Time

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TL | Start Date: 10/4/10 |
| Well I.D.: MW-19 (MID) | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 62.02 | Depth to Water: Pre: 33.20 Post: 33.29 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>RVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1316 Flow Rate: 500 mL / MIN Pump Depth: 57'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1319 | 22.1 | 7.37 | 2985 | 2 | 0.49 | 12.7 | 1500 | 33.27 |
| 1322 | 22.4 | 7.29 | 2999 | 2 | 0.44 | 12.1 | 3000 | 33.27 |
| 1325 | 22.5 | 7.21 | 3050 | 1 | 0.53 | 12.5 | 4500 | 33.28 |
| 1328 | 22.5 | 7.18 | 3058 | 1 | 0.50 | 12.4 | 6000 | 33.28 |
| 1331 | 22.5 | 7.17 | 3064 | 1 | 0.47 | 12.3 | 7500 | 33.27 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 7.5 L |
| Sampling Time: 1332 | Sampling Date: 10/0/10 |
| Sample I.D.: MW-19 (MID) | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPH</u> <u>TPHp</u> <u>VOCs</u> MTBE | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: EB-6 @ <u>1440</u> Time | Duplicate I.D.: |

SMY

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------|--|
| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/06/10 |
| Well I.D.: 56 MW-20 (MID) | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 56.67 | Depth to Water: Pre: 32.23 Post: 32.33 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1310 Flow Rate: 500ml/min Pump Depth: 51'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1313 | 21.45 | 7.23 | 2535 | 10 | 1.09 | -124.3 | 1500 | 32.27 |
| 1316 | 21.78 | 7.09 | 2565 | 7 | 0.90 | -113.1 | 3000 | 32.30 |
| 1319 | 21.95 | 7.06 | 2571 | 7 | 0.88 | -104.5 | 4500 | 32.32 |
| 1322 | 22.06 | 7.04 | 2576 | 6 | 0.85 | -102.6 | 6000 | 32.33 |
| 1325 | 22.12 | 7.02 | 2578 | 5 | 0.82 | -100.3 | 7500 | 32.33 |
| 1328 | 22.20 | 7.01 | 2581 | 5 | 0.81 | -99.6 | 9000 | 32.33 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9000 ml |
| Sampling Time: 1329 | Sampling Date: 10/06/10 |
| Sample I.D.: MW-20 (MID) | Laboratory: Alpha Analytical |
| Analyzed for: TPHg, TRHfp, VOC's, MTBE | Other: See C.O.C. |
| Equipment Blank I.D.: EB-5 @ 1430 | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TRI | Client: KMEP |
| Sampler: HH | Start Date: 10/08/10 |
| Well I.D.: MW-0-1 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 32.66 | Depth to Water: Pre: 26.90 Post: 27.03 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grandfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1010 Flow Rate: 500ml/min Pump Depth: 27'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1013 | 21.46 | 6.84 | 2139 | 812 | 0.86 | -195.3 | 1500 | 26.95 |
| 1016 | 21.69 | 6.80 | 2212 | 410 | 0.71 | -210.6 | 3000 | 26.98 |
| 1019 | 21.83 | 6.78 | 2261 | 217 | 0.67 | -220.4 | 4500 | 27.01 |
| 1022 | 21.95 | 6.76 | 2275 | 136 | 0.64 | -229.8 | 6000 | 27.03 |
| 1025 | 22.06 | 6.75 | 2283 | 125 | 0.62 | -232.1 | 7500 | 27.03 |
| 1028 | 22.17 | 6.75 | 2290 | 119 | 0.59 | -235.7 | 9000 | 27.03 |
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| Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/> | Amount actually evacuated: 9000ml/min |
| Sampling Time: 1029 | Sampling Date: 10/08/10 |
| Sample I.D.: MW-0-1 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: See SW |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|------------------------------------|
| Project #: 101004-TR-1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-0-2 | Well Diameter: 2 3 4 <u>6</u> 8 |
| Total Well Depth: — | Depth to Water: Pre: 26.05 Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other: EXT PORT
 Start Purge Time: 1400 Flow Rate: 200 mL / MIN Pump Depth: —

| Time | Temp. (Cor °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|-------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1403 | 21.1 | 8.31 | 1440 | 30 | 2.52 | 23.9 | 600 | — |
| 1406 | 20.9 | 8.35 | 1440 | 12 | 2.80 | 25.3 | 1200 | — |
| 1409 | 21.0 | 8.40 | 1440 | 10 | 2.41 | 23.0 | 1800 | — |
| 1412 | 21.0 | 8.42 | 1443 | 8 | 2.33 | 21.9 | 2400 | — |
| 1415 | 20.9 | 8.44 | 1444 | 10 | 2.30 | 20.0 | 3000 | — |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3.0 L |
| Sampling Time: 1416 | Sampling Date: 10/5/10 |
| Sample I.D.: MW-0-2 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: See C.O.C |
| Equipment Blank I.D.: <u>2B-4</u> @ 1450 <small>Time</small> | Duplicate I.D.: |

MNA

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-1 | Well Diameter: 2 3 4 <u>6</u> 8 |
| Total Well Depth: 51.30 | Depth to Water: Pre: 30.88 Post: 31.00 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1020 Flow Rate: 500 mL/min Pump Depth: 46'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to water |
|------|------------------|------|--------------------------|------------------|-------------|----------|-------------------------------------|----------------|
| 1023 | 25.6 | 7.14 | 1734 | 15 | 1.21 | -214.5 | 1500 | 31.00 |
| 1024 | 25.6 | 7.12 | 1736 | 12 | 0.80 | -270.3 | 3000 | 31.00 |
| 1029 | 25.7 | 7.10 | 1740 | 12 | 0.65 | -277.5 | 4500 | 31.00 |
| 1032 | 25.8 | 7.06 | 1736 | 12 | 0.58 | -283.5 | 4000 | 31.00 |
| 1035 | 25.8 | 7.06 | 1730 | 12 | 0.55 | -289.3 | 7500 | 31.00 |
| 1038 | 25.7 | 7.07 | 1728 | 10 | 0.55 | -295.0 | 9000 | 31.00 |
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Did well dewater? Yes No Amount actually evacuated: 9.0 L

Sampling Time: 1039 Sampling Date: 10/7/10

Sample I.D.: MW-SF-1 Laboratory: Alpha Analytical

Analyzed for: EPHg TPH VOG's MTBE Other: See C.O.C

Equipment Blank I.D.: @ _____ Time _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-2 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 30.96 Post: 31.00 |
| Depth to Free Product: 30.75 | Thickness of Free Product (feet): 0.21 |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing + check valve Other _____
 Start Purge Time: 1114 Flow Rate: 200 mL / MIN Pump Depth: —

| Time | Temp. (C or F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|-------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1117 | 22.8 | 7.29 | 2893 | 26 | 3.18 | -70.8 | 600 | 31.00 |
| 1120 | 23.1 | 7.25 | 2711 | 21 | 2.52 | -79.0 | 1200 | 31.00 |
| 1123 | 23.1 | 7.22 | 2685 | 25 | 2.42 | -84.3 | 1800 | 31.00 |
| 1126 | 23.2 | 7.20 | 2680 | 20 | 2.40 | -95.3 | 2400 | 31.00 |
| 1129 | 23.1 | 7.20 | 2675 | 18 | 2.35 | -87.0 | 3000 | 31.00 |
| 1132 | 23.2 | 7.20 | 2672 | 18 | 2.32 | -87.8 | 3600 | 31.00 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 3.6 L |
| Sampling Time: 1133 | Sampling Date: 10/5/10 |
| Sample I.D.: MW-SF-2 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHf</u> <u>VOC's</u> MTBE | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|------------------------------|--|
| Project #: 10104-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-3 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 30.88 Post: — |
| Depth to Free Product: 30.30 | Thickness of Free Product (feet): 0.58 |
| Referenced to: PVC Grade | Flow Cell Type: YSI 536 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other: EXT. PORT
 Start Purge Time: 1436 Flow Rate: 200 mL/MIN Pump Depth: —

| Time | Temp. (C or F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|-------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1434 | 16.9 | 6.47 | 2080 | 11 | 2.05 | 32.7 | 600 | — |
| 1442 | 16.8 | 6.49 | 2110 | 8 | 1.86 | 28.8 | 1200 | — |
| 1445 | 16.8 | 6.50 | 2119 | 5 | 1.89 | 28.9 | 1800 | — |
| 1448 | 16.9 | 6.50 | 2131 | 5 | 1.97 | 29.0 | 2400 | — |
| 1451 | 16.9 | 6.50 | 2138 | 5 | 1.94 | 28.5 | 3000 | — |
| | | | | | | | 3600 | |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 30 L |
| Sampling Time: 1452 | Sampling Date: 10/4/10 |
| Sample I.D.: MW-SF-3 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHsp VOCs MTBE | Other: See C.O.C. |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

MINA

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-4 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 44.40 | Depth to Water: Pre: 31.88 Post: 31.88 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1317 Flow Rate: 500 mL/min Pump Depth: 40'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|------------------|------|------------------|------------------|-------------|----------|-----------------------------|----------------|
| 1320 | 24.3 | 7.07 | 1414 | 40 | 0.50 | -186.3 | 1500 | 31.88 |
| 1323 | 24.6 | 7.02 | 1438 | 29 | 0.46 | -200.4 | 3000 | 31.88 |
| 1326 | 24.8 | 7.00 | 1480 | 24 | 0.43 | -212.3 | 4500 | 31.88 |
| 1329 | 24.8 | 7.00 | 1489 | 23 | 0.42 | -218.0 | 6000 | 31.88 |
| 1332 | 24.8 | 7.00 | 1500 | 20 | 0.42 | -220.3 | 7500 | 31.88 |
| 1335 | 24.8 | 7.00 | 1508 | 20 | 0.40 | -222.5 | 9000 | 31.88 |
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Did well dewater? Yes No

Amount actually evacuated: 9.0L

Sampling Time: 1336 Sampling Date: 10/7/10

Sample I.D.: MW-SF-4 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHsp VOCs MTBE Other: See SOW

Equipment Blank I.D.: EB-8 @ 1450 Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: <u>10004-TR1</u> | Client: <u>KMEP</u> |
| Sampler: <u>HA</u> | Start Date: <u>10/08/10</u> |
| Well I.D.: <u>MW-SF-5</u> | Well Diameter: 2 3 4 6 8 <u>5"</u> |
| Total Well Depth: <u>51.04</u> | Depth to Water: Pre: <u>31.39</u> Post: <u>31.47</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVQ</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0825 Flow Rate: 500ml/min Pump Depth: 46'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0828 | 20.84 | 6.51 | 3381 | 34 | 0.96 | -140.8 | 1500 | 31.44 |
| 0831 | 23.65 | 6.57 | 3470 | 19 | 0.83 | -146.3 | 3000 | 31.45 |
| 0834 | 23.89 | 6.60 | 3472 | 10 | 0.77 | -145.1 | 4500 | 31.46 |
| 0837 | 23.94 | 6.62 | 3475 | 10 | 0.75 | -144.3 | 6000 | 31.46 |
| 0840 | 24.20 | 6.63 | 3477 | 9 | 0.71 | -142.1 | 7500 | 31.47 |
| 0843 | 24.31 | 6.64 | 3480 | 9 | 0.68 | -143.3 | 9000 | 31.47 |
| 0846 | 24.41 | 6.64 | 3481 | 7 | 0.65 | -144.6 | 10500 | 31.47 |
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| Did well dewater? Yes <input checked="" type="radio"/> No <input type="radio"/> | Amount actually evacuated: <u>10500ml</u> |
| Sampling Time: <u>0847</u> | Sampling Date: <u>10/08/10</u> |
| Sample I.D.: <u>MW-SF-5</u> | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> <u>MTBE</u> | Other: <u>See SW</u> |
| Equipment Blank I.D.: _____ | Duplicate I.D.: _____ |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-6 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 41.42 | Depth to Water: Pre: 29.09 Post: 29.20 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0839 Flow Rate: 500 mL / MIN Pump Depth: 35'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0842 | 21.8 | 7.30 | 3276 | 4 | 0.91 | -115.3 | 1500 | 29.20 |
| 0845 | 22.0 | 7.25 | 3280 | 5 | 0.60 | -130.0 | 3000 | 29.20 |
| 0848 | 22.1 | 7.24 | 3283 | 5 | 0.52 | -134.2 | 4500 | 29.20 |
| 0851 | 22.2 | 7.24 | 3288 | 4 | 0.48 | -135.2 | 6000 | 29.20 |
| 0854 | 22.2 | 7.24 | 3290 | 4 | 0.45 | -136.0 | 7500 | 29.20 |
| 0857 | 22.2 | 7.24 | 3291 | 5 | 0.44 | -136.6 | 9000 | 29.20 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9L |
| Sampling Time: 0858 | Sampling Date: 10/8/10 |
| Sample I.D.: MW-SF-6 | Laboratory: <u>Alpha Analytical</u> |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-9 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 38.31 | Depth to Water: Pre: 26.10 Post: 26.13 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0725 Flow Rate: 500 uL / MIN Pump Depth: 3.5'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0728 | 20.5 | 6.89 | 1433 | 45 | 1.65 | -105.0 | 1500 | 26.13 |
| 0731 | 20.6 | 6.90 | 1413 | 40 | 1.20 | -140.3 | 3000 | 26.13 |
| 0734 | 20.8 | 6.91 | 1408 | 36 | 1.18 | -150.3 | 4500 | 26.13 |
| 0737 | 20.8 | 6.92 | 1402 | 35 | 1.10 | -153.5 | 6000 | 24.13 |
| 0740 | 20.9 | 6.92 | 1400 | 35 | 1.05 | -155.0 | 7500 | 26.13 |
| 0743 | 20.9 | 6.92 | 1396 | 32 | 1.04 | -155.3 | 9000 | 26.13 |
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Did well dewater? Yes No Amount actually evacuated: 9.0 L

Sampling Time: 0744 Sampling Date: 10/7/10

Sample I.D.: MW-SF-9 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOCs MTBE Other: See C.O.C

Equipment Blank I.D.: _____ @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-10 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 28.50 Post: 28.52 |
| Depth to Free Product: 28.36 | Thickness of Free Product (feet): 0.14 |
| Referenced to: <u>PV</u> Grade | Flow Cell Type: <u>YSI 536</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing + CHECK VALVE Other _____

Start Purge Time: 0901 Flow Rate: 200 ML / MIN Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0904 | 22.7 | 7.07 | 2061 | >1000 | 0.94 | -128.0 | 600 | 28.50 |
| 0907 | 22.4 | 7.03 | 2061 | >1000 | 0.80 | -164.8 | 1200 | 28.50 |
| 0910 | 23.2 | 7.04 | 2053 | >1000 | 0.73 | -202.3 | 1800 | 28.52 |
| 0913 | 23.3 | 7.03 | 2049 | >1000 | 0.70 | -210.5 | 2400 | 28.52 |
| 0916 | 23.4 | 7.03 | 2045 | >1000 | 0.66 | -214.3 | 3000 | 28.52 |
| 0919 | 23.4 | 7.03 | 2043 | >1000 | 0.66 | -217.0 | 3600 | 28.52 |
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Did well dewater? Yes No Amount actually evacuated: 3.6 L

Sampling Time: 0920 Sampling Date: 10/5/10

Sample I.D.: MW-SF-10 Laboratory: Alpha Analytical

Analyzed for: TPH TPHP VOCs MTBE Other: See C.O.C

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|------------------------------------|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-11 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: Ext Pump | Depth to Water: Pre: 30.94 Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVG</u> Grade | Flow Cell Type: YSI <u>536</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other EXT PORT
 Start Purge Time: 1215 Flow Rate: 200 mL/MIN Pump Depth: —

| Time | Temp. (<u>C</u> or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|----------------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1218 | 20.87 | 7.11 | 2592 | 1000 | 0.31 | -200.1 | 1500 600 | — |
| 1221 | 21.01 | 7.13 | 2568 | 1000 | 0.27 | -210.6 | 300 1200 | — |
| 1224 | 21.39 | 7.17 | 2555 | 210 | 0.25 | -216.7 | 1800 | — |
| 1227 | 21.66 | 7.20 | 2521 | 195 | 0.27 | -219.3 | 2400 | — |
| 1230 | 21.71 | 7.21 | 25 | 188 | 0.29 | -221.6 | 3000 | — |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3000ml |
| Sampling Time: 1231 | Sampling Date: 10/5/10 |
| Sample I.D.: MW-SF-11 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|-----------------------------------|--|
| Project #: 101004-T21 | Client: KMEP |
| Sampler: <i>tr</i> | Start Date: 10/4/10 |
| Well ID.: MW-SF-12 | Well Diameter: 2 3 4 6 8 _____ |
| Total Well Depth: <i>Ext pump</i> | Depth to Water: Pre: 30.70 Post: _____ |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other **EXT. PORT**
 Start Purge Time: 1243 Flow Rate: 200 mL/min Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1246 | 21.62 | 7.17 | 2934 | 12 | 1.07 | -145.8 | 600 | — |
| 1249 | 21.89 | 7.15 | 2945 | 10 | 0.95 | -130.6 | 1200 | — |
| 1252 | 22.11 | 7.20 | 3019 | 9 | 0.91 | -129.6 | 1800 | — |
| 1255 | 22.31 | 7.24 | 3040 | 7 | 0.87 | -133.6 | 2400 | — |
| 1258 | 22.39 | 7.26 | 3088 | 7 | 0.85 | -135.8 | 3000 | — |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 3000 ml |
| Sampling Time: 1259 | Sampling Date: 10/5/10 |
| Sample I.D.: MW-SF-12 | Laboratory: Alpha Analytical |
| Analyzed for: <input checked="" type="checkbox"/> TPHg <input checked="" type="checkbox"/> TPHfp <input checked="" type="checkbox"/> VOC's MTBE | Other: Sec C.O.C |
| Equipment Blank I.D.: @ | Duplicate I.D.: DUP-5 |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-13 | Well Diameter: 2 3 4 6 8 _____ |
| Total Well Depth: — | Depth to Water: Pre: 26.95 Post: — |
| Depth to Free Product: 25.92 | Thickness of Free Product (feet): 1.03 |
| Referenced to: <u>RVO</u> Grade | Flow Cell Type: <u>YSI 356</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other EXT. PORT
 Start Purge Time: 1240 Flow Rate: 200 mL / MIN Pump Depth: —

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1243 | 20.8 | 7.15 | 2314 | 6 | 4.42 | -22.2 | 600 | — |
| 1246 | 21.0 | 7.20 | 2374 | 5 | 3.17 | -32.4 | 1200 | — |
| 1249 | 21.3 | 7.23 | 2342 | 5 | 2.85 | -29.5 | 1800 | — |
| 1252 | 21.4 | 7.25 | 2365 | 4 | 2.50 | -25.3 | 2400 | — |
| 1255 | 21.4 | 7.26 | 2353 | 4 | 2.46 | -25.0 | 3000 | — |
| 1258 | 21.4 | 7.26 | 2360 | 5 | 2.40 | -24.8 | 3600 | — |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: |
| Sampling Time: 1259 | Sampling Date: 10/5/10 |
| Sample I.D.: MW-SF-13 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> g <u>TPH</u> fp <u>VOC</u> s MTBE | <u>Other</u> : See C.O.C |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------------|--|
| Project #: 101004-TX1 | Client: KMEP |
| Sampler: M | Start Date: 10/4/10 |
| Well I.D.: MW-SF-14 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 49 43.24 | Depth to Water: Pre: 30.54 Post: 30.66 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVO</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1117 Flow Rate: 500 mL/min Pump Depth: 38'

| Time | Temp. (<u>C</u> or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|----------------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1120 | 23.5 | 7.11 | 3497 | 33 | 0.60 | -185.7 | 1500 | 30.58 |
| 1123 | 23.6 | 7.16 | 3474 | 25 | 0.56 | -195.5 | 3000 | 30.60 |
| 1126 | 23.6 | 7.08 | 3470 | 25 | 0.50 | -203.0 | 4500 | 30.83 |
| 1129 | 23.6 | 6.99 | 3462 | 28 | 0.50 | -201.3 | 6000 | 30.43 |
| 1132 | 23.6 | 6.93 | 3460 | 30 | 0.50 | -205.0 | 7500 | 30.65 |
| 1135 | 23.6 | 6.97 | 3455 | 28 | 0.52 | -202.3 | 9000 | 30.66 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9.0L |
| Sampling Time: 1136 | Sampling Date: 10/8/10 |
| Sample I.D.: MW-SF-14 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg <input checked="" type="checkbox"/> PM1p <input checked="" type="checkbox"/> VOCs <input checked="" type="checkbox"/> MTBE | Other: See C.O.C |
| Equipment Blank I.D.: EB-10 @ 1410 | Duplicate I.D.: DUP-7 |

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: MW-SF-15 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: — | Depth to Water: Pre: 30.66 Post: — |
| Depth to Free Product: 30.65 | Thickness of Free Product (feet): 0.01 |
| Referenced to: <input checked="" type="radio"/> VCO Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other: EXT. PORT
 Start Purge Time: 1217 Flow Rate: 200 mL/MIN Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1220 | 20.3 | 7.30 | 2325 | 15 | 2.20 | -12.5 | 600 | — |
| 1223 | 20.3 | 7.12 | 2248 | 13 | 2.28 | -5.4 | 1200 | — |
| 1224 | 20.4 | 7.07 | 2180 | 8 | 2.60 | -1.3 | 1800 | — |
| 1229 | 20.4 | 7.10 | 2154 | 5 | 2.54 | 0.1 | 2400 | — |
| 1232 | 20.4 | 7.12 | 2143 | 5 | 2.52 | 1.0 | 3000 | — |
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| Did well dewater? Yes <input checked="" type="radio"/> No | Amount actually evacuated: 3.6L |
| Sampling Time: 1233 | Sampling Date: 10/5/10 |
| Sample I.D.: MW-SF-15 | Laboratory: Alpha Analytical |
| Analyzed for: <input checked="" type="checkbox"/> TPHg <input checked="" type="checkbox"/> TPHp <input checked="" type="checkbox"/> VOCs MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: DUP-6 |

LOW FLOW WELL MONITORING DATA SHEET

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|----------------------------|------------------------------------|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: M | Start Date: 10/4/10 |
| Well I.D.: MW-SF-14 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: Ext Pump | Depth to Water: Pre: 30.49 Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other EXT. PORT
 Start Purge Time: 1502 Flow Rate: 200 ML/MIN Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1505 | 16.4 | 6.93 | 2486 | 13 | 0.57 | -52.5 | 600 | — |
| 1508 | 16.3 | 6.79 | 2474 | 10 | 0.85 | -32.5 | 1200 | — |
| 1511 | 16.3 | 6.75 | 2474 | 8 | 0.67 | -32.0 | 1800 | — |
| 1514 | 16.3 | 6.75 | 2468 | 8 | 0.70 | -33.3 | 2400 | — |
| 1517 | 16.3 | 6.75 | 2462 | 8 | 0.69 | -33.1 | 3000 | — |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3.0 |
| Sampling Time: 1518 | Sampling Date: 10/4/10 |
| Sample I.D.: MW-SF-14 | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHsp VOCs MTBE | Other: See C.O.C |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: PW-1 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 50.00 | Depth to Water: Pre: 28.10 Post: 28.14 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1135 Flow Rate: 500 mL / MIN Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1138 | 21.9 | 7.43 | 2207 | 35 | 0.39 | 9.1 | 1500 | 28.14 |
| 1141 | 22.3 | 7.43 | 2208 | 27 | 0.35 | 6.4 | 3000 | 28.14 |
| 1144 | 22.5 | 7.42 | 2211 | 28 | 0.31 | 5.9 | 4500 | 28.14 |
| 1147 | 22.5 | 7.41 | 2213 | 25 | 0.34 | 6.0 | 6000 | 28.14 |
| 1150 | 22.5 | 7.41 | 2216 | 25 | 0.35 | 6.1 | 7500 | 28.14 |
| 1153 | 22.5 | 7.41 | 2216 | 24 | 0.35 | 6.3 | 9000 | 28.14 |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9.0 L |
| Sampling Time: 1154 | Sampling Date: 10/10/10 |
| Sample I.D.: PW-1 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHfp</u> <u>VOC's</u> MTBE | Other: <u>See C.O.C.</u> |
| Equipment Blank I.D.: @ _____ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|----------------------------|-----------------------------------|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TA | Start Date: 10/4/10 |
| Well ID.: PW-2 | Well Diameter: 2 3 (4) 6 8 |
| Total Well Depth: 24.00 | Depth to Water: Pre: DRY Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ ~~Bladder Pump~~
 Sampling Method: ~~Dedicated Tubing~~ New Tubing Other _____

Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|----------------------|---------------------|----|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| — WELL IS DRY — | | | | | | | | |
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| — NO SAMPLES TAKEN — | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: _____

~~Sampling Times:~~ ~~Sampling Date:~~ _____

Sample I.D.: _____ Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: _____

Equipment Blank I.D.: @ _____ Duplicate I.D.: DLP-7 MOVED TO MW-SF-14

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 10/004-TK1 | Client: KMEP |
| Sampler: HH | Start Date: 10/06/10 |
| Well I.D.: PW-3 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 50.86 | Depth to Water: Pre: 26.61 Post: 26.78 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0845 Flow Rate: 500 ^{ml}/min Pump Depth: 45'

| Time | Temp. (<u>C</u> or F) | pH | Cond. (mS or <u>uS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 0848 | 21.04 | 6.95 | 3361 | 219 | 1.51 | -83.1 | 1566 | 26.66 |
| 0851 | 21.31 | 6.80 | 3395 | 139 | 1.30 | -80.0 | 3000 | 26.68 |
| 0854 | 21.42 | 6.80 | 3416 | 112 | 1.19 | -77.3 | 4500 | 26.69 |
| 0857 | 21.51 | 6.79 | 3429 | 95 | 1.14 | -75.1 | 6000 | 26.76 |
| 0900 | 21.56 | 6.78 | 3435 | 90 | 1.12 | -74.3 | 7500 | 26.70 |
| 0903 | 21.60 | 6.78 | 3441 | 86 | 1.09 | -73.6 | 9000 | 26.70 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 0904 Sampling Date: 10/06/10

Sample I.D.: PW-3 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHp VOCs MTBE Other: See SOW

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 101004 - TR1 | Client: KMEP |
| Sampler: r | Start Date: 10/4/10 |
| Well I.D.: P2-5 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 38.46 | Depth to Water: Pre: 25-98 Post: 26.12 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVE</u> Grade | Flow Cell Type: YSI <u>550</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0929 Flow Rate: 500 mL/min Pump Depth: 34'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0932 | 20.9 | 6.89 | 2588 | 28 | 1.11 | -180.5 | 1500 | 26.12 |
| 0935 | 21.1 | 6.85 | 2585 | 20 | 0.89 | -189.2 | 3000 | 26.10 |
| 0938 | 21.3 | 6.84 | 2574 | 18 | 0.75 | -207.3 | 4500 | 26.12 |
| 0941 | 21.3 | 6.83 | 2570 | 14 | 0.70 | -223.5 | 6000 | 26.12 |
| 0944 | 21.4 | 6.83 | 2566 | 14 | 0.70 | -233.3 | 7500 | 26.12 |
| 0947 | 21.4 | 6.83 | 2564 | 15 | 0.68 | -235.0 | 9000 | 26.12 |
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|---|---------------------------------|
| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 9.0L |
| Sampling Time: 0948 | Sampling Date: 10/7/10 |
| Sample I.D.: P2-5 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHf</u> <u>VOC's</u> MTBE Other: <u>See SON</u> | |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: <u>DUP-8</u> |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------|--|
| Project #: 10004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: P2-10 | Well Diameter: (2) 3 4 6 8 |
| Total Well Depth: 37.90 | Depth to Water: Pre: 26.66 Post: 26.72 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (VC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1240 Flow Rate: 500ml/min Pump Depth: 31'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|------------------|------|------------------|------------------|-------------|----------|-----------------------------|----------------|
| 1243 | 24.43 | 7.68 | 1452 | 8 | 0.94 | -105.4 | 1500 | 26.71 |
| 1246 | 24.51 | 7.60 | 1445 | 6 | 0.86 | -110.3 | 3000 | 26.74 |
| 1249 | 24.60 | 7.60 | 1438 | 6 | 0.79 | -114.7 | 4500 | 26.76 |
| 1252 | 24.65 | 7.58 | 1433 | 5 | 0.75 | -116.1 | 6000 | 26.78 |
| 1255 | 24.68 | 7.56 | 1428 | 5 | 0.71 | -117.3 | 7500 | 26.78 |
| 1258 | 24.71 | 7.54 | 1424 | 3 | 0.69 | -118.1 | 9000 | 26.78 |
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Did well dewater? Yes No Amount actually evacuated: 9000ml

Sampling Time: 1259 Sampling Date: 10/07/10

Sample I.D.: P2-10 Laboratory: Alpha Analytical

Analyzed for: TPHg, TPHsp, VOC's, MTBE Other: Benc, SO₂

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------|-----------------------------------|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: TR | Start Date: 10/4/10 |
| Well I.D.: VEN-1 | Well Diameter: 2 3 4 6 8 |
| Total Well Depth: 28.82 | Depth to Water: Pre: DRY Post: — |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVS Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|----------------------|---------------------|----|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| — WELL IS DRY — | | | | | | | | |
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| — NO SAMPLES TAKEN — | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: _____

Sampling Time: _____ Sampling Date: _____

Sample I.D.: _____ Laboratory: Alpha Analytical

Analyzed for: TPHg TPHfp VOC's MTBE Other: _____

Equipment Blank I.D.: _____ @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: 101004-TX1 | Client: KMEP |
| Sampler: TX | Start Date: 10/4/10 |
| Well I.D.: VEW-2 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 29.30 | Depth to Water: Pre: DRY Post: |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" ~~Grundfos Pump~~ Peristaltic Pump ~~Bladder Pump~~
 Sampling Method: ~~Dedicated Tubing~~ New Tubing ~~Other~~

Start Purge Time: _____ Flow Rate: _____ Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|----------------------|---------------------|----|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| — WELL IS DRY — | | | | | | | | |
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| — NO SAMPLES TAKEN — | | | | | | | | |

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| Did well dewater? Yes No | Amount actually evacuated: |
| Sampling Time: | Sampling Date: |
| Sample I.D.: | Laboratory: Alpha Analytical |
| Analyzed for: TPHg TPHfp VOC's MTBE | Other: |
| Equipment Blank I.D.: | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/08/10 |
| Well I.D.: WW-3 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 50.52 | Depth to Water: Pre: 29.26 Post: 29.49 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1046 Flow Rate: 500ml/min Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 1049 | 21.41 21.60 | 6.91 | 2646 | 11 | 1.10 | 67.5 | 1500 | 29.46 |
| 1052 | 21.60 | 6.94 | 2712 | 9 | 0.91 | 65.4 | 3000 | 29.48 |
| 1055 | 21.81 | 7.00 | 2725 | 8 | 0.89 | 61.1 | 4500 | 29.49 |
| 1058 | 21.95 | 7.03 | 2728 | 8 | 0.87 | 58.4 | 6000 | 29.49 |
| 1101 | 22.04 | 7.03 | 2731 | 6 | 0.84 | 55.6 | 7500 | 29.49 |
| 1104 | 22.10 | 7.03 | 2740 | 6 | 0.82 | 53.1 | 9000 | 29.49 |
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Did well dewater? Yes No Amount actually evacuated: 9000 ml

Sampling Time: 1105 Sampling Date: 10/08/10

Sample I.D.: WW-3 Laboratory: Alpha Analytical

Analyzed for: TPHg TPHf VOC's MTBE Other: See SOW

Equipment Blank I.D.: 68-9 @ 1400 Duplicate I.D.: 68-9

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--|--|
| Project #: 101004-TR1 | Client: KMEP |
| Sampler: HH | Start Date: 10/07/10 |
| Well I.D.: WLV-7 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 36.20 51.50 | Depth to Water: Pre: 29.53 Post: 29.62 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVD</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0740 Flow Rate: 500ml/min Pump Depth: 31'

| Time | Temp. (°C or °F) | pH | Cond. (mS or µS) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to water |
|------|---------------------|------|---------------------|---------------------|----------------|-------------|--------------------------------|----------------|
| 0743 | 20.29 | 6.86 | 3629 | 5 | 1.03 | -80.6 | 1500 | 29.58 |
| 0746 | 20.53 | 6.83 | 3660 | 5 | 0.80 | -81.2 | 3000 | 29.60 |
| 0749 | 20.89 | 6.80 | 3664 | 5 | 0.66 | -78.6 | 4500 | 29.61 |
| 0752 | 21.06 | 6.79 | 3667 | 4 | 0.59 | -75.1 | 6000 | 29.62 |
| 0755 | 21.12 | 6.79 | 3671 | 4 | 0.55 | -72.4 | 7500 | 29.62 |
| 0759 | 21.20 | 6.78 | 3672 | 3 | 0.52 | -70.7 | 9000 | 29.62 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9000ml |
| Sampling Time: 0759 | Sampling Date: 10/07/10 |
| Sample I.D.: WLV-7 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPHg</u> <u>TPHsp</u> <u>VOC's</u> MTBE Other: <u>Seesaw</u> | |
| Equipment Blank I.D.: @ <small>Time</small> | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|--|
| Project #: 101004-TRI | Client: KMEP |
| Sampler: AR | Start Date: 10/4/10 |
| Well I.D.: WCW-13 | Well Diameter: 2 3 <u>4</u> 6 8 |
| Total Well Depth: 60.32 | Depth to Water: Pre: 30.61 Post: 30.72 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1043 Flow Rate: 500 mL/MIN Pump Depth: 55'

| Time | Temp. (°C or °F) | pH | Cond. (mS or <u>µS</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to water |
|------|---------------------|------|-----------------------------|---------------------|----------------|-------------|--|----------------|
| 1046 | 22.4 | 7.23 | 2413 | 62 | 1.02 | -15.2 | 1500 | 30.72 |
| 1049 | 22.5 | 7.16 | 2410 | 31 | 0.98 | -19.5 | 3000 | 30.72 |
| 1052 | 22.5 | 7.14 | 2407 | 22 | 0.90 | -20.3 | 4500 | 30.72 |
| 1055 | 22.5 | 7.14 | 2400 | 20 | 0.88 | -22.1 | 6000 | 30.72 |
| 1058 | 22.5 | 7.13 | 2410 | 20 | 0.88 | -24.3 | 7500 | 30.72 |
| 1101 | 22.4 | 7.14 | 2418 | 22 | 0.87 | -25.0 | 9000 | 30.72 |
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| Did well dewater? Yes <input type="radio"/> No <input checked="" type="radio"/> | Amount actually evacuated: 9.0L |
| Sampling Time: 1102 | Sampling Date: 10/8/10 |
| Sample I.D.: WCW-13 | Laboratory: Alpha Analytical |
| Analyzed for: <u>TPH</u> <u>TPHP</u> <u>VOC's</u> MTBE | Other: <u>See C.O.C</u> |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

BLAINE

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

TECH SERVICES, INC.

CONDUCT ANALYSIS TO DETECT

LAB
 Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Alpha Analytical COC 1 of 2

CHAIN OF CUSTODY

CLIENT: Kinder Morgan
 SITE: DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

| SAMPLE I.D. | DATE | TIME | MATRIX | # | CONTAINERS | | TPHg, TPHP (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|----------|------|--------|---|--------------|------|------------------------|--------------------------------|-------------------|--------|-----------|--------------|
| | | | | | Preservation | Type | | | | | | |
| EXP-5 | 10/04/10 | 1509 | AQ | 8 | HCl | VGA | X | X | | | | |
| GMW-A-5 | 10/04/10 | 1541 | AQ | 8 | HCl | VOA | X | X | | | | |
| EB-2 | 10/04/10 | 1615 | AQ | 8 | HCl | VGA | X | X | | | | |
| TB-1 | 10/04/10 | 0700 | AQ | 2 | HCl | VOA | X | X | | | | |
| MW-SF-3 | 10/04/10 | 1452 | AQ | 8 | HCl | VGA | X | X | | | | |
| MW-SF-11 | 10/04/10 | 1518 | AQ | 8 | HCl | VGA | X | X | | | | |
| MW-SF-7 | 10/04/10 | 1541 | AQ | 8 | HCl | VOA | X | X | | | | |
| GMW-22 | 10/04/10 | 1603 | AQ | 8 | HCl | VOA | X | X | | | | |
| EB-1 | 10/04/10 | 1610 | AQ | 8 | HCl | VOA | X | X | | | | |

RESULTS NEEDED
 NO LATER THAN

Standard

| SAMPLING COMPLETED | DATE | TIME | SAMPLING PERFORMED BY | RECEIVED BY | TIME | DATE | TIME |
|--------------------|----------|------|-----------------------|-------------|------|----------|------|
| 10/04/10 | 10/04/10 | 1600 | Theresa Rhymes | [Signature] | 1630 | 10/14 | 1630 |
| | | | | [Signature] | 7:17 | 10/16/10 | 7:17 |
| | | | | [Signature] | 7:17 | | |

SHIPPED VIA

COOLER #

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

LAB

Alpha Analytical COC 2 of 2

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

CHAIN OF CUSTODY

CLIENT

Kinder Morgan

SITE

DFSP Norwalk

15306 Norwalk Blvd, Norwalk

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | TPHg, TPHp (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|----------|------|--------|--------------|------|------------------------|--------------------------------|-------------------|--------|-----------|--------------|
| | | | | Preservation | Type | | | | | | |
| EXP-1 | 10/04/10 | 0843 | AG | HCl | VOA | X | X | | | | |
| EXP-2 | | 0929 | AG | HCl | NOA | X | X | | | | |
| EXP-3 | | 0907 | AG | HCl | NOA | X | X | | | | |
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RESULTS NEEDED
NO LATER THAN **Standard**

RECEIVED BY *[Signature]* TIME **1615** DATE **10/14** TIME **1445**

RECEIVED BY *[Signature]* TIME **715** DATE **10/16/10** TIME **715**

RECEIVED BY *[Signature]* TIME **715** DATE **10/16/10** TIME **715**

SHIPPED VIA _____ TIME SENT _____ COOLER # _____

Kindier Morgan Norwalk
Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

CHAIN OF CUSTODY
CLIENT Kinder Morgan
SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | Type | CONDUCT ANALYSIS TO DETECT | | | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|--------------|---------|------|--------|--------------|---|------|----------------------------|-------------------------------|--|--|-------------------|--------|-----------|--------------|
| | | | | Preservation | # | | TPHg, TPHp (EPA 8015M) | VOCs & Oxygenates (EPA 8260B) | | | | | | |
| 6MNW-0-3 | 10-5-10 | 0937 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| 6MNW-0-2 | | 1010 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| 6MNW-0-4 | | 0839 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| 6MNW-0-4(MD) | | 0812 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| 6MNW-0-9 | | 1040 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| 6MNW-0-8 | | 1135 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| 6MNW-0-1 | | 1206 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| TP-2 | | 0700 | AQ | HCl | 2 | VOA | X | X | | | | | | |
| 6MNW-36 | | 1326 | AQ | HCl | 8 | VOA | X | X | | | | | | |
| 6MNW-0-15 | | 1406 | AQ | HCl | 8 | VOA | X | X | | | | | | |

RESULTS NEEDED NO LATER THAN **Standard**

RECEIVED BY TIME 1545 DATE 10/6/10 TIME 717

RECEIVED BY TIME 717 DATE 10/6/10 TIME 717

RECEIVED BY TIME DATE TIME

SHIPPED VIA COOLER #

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

LAB Alpha Analytical COC 2 of 3

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | TPHg, TPHP (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | CONDUCT ANALYSIS TO DETECT | LAB |
|-------------|---------|------|--------|------------|--------------|------------------------|--------------------------------|----------------------------|-----|
| | | | | # | Preservation | | | | |
| MW-SF-12 | 10-5-10 | 1259 | AQ | 8 | HCl | VGA | X | | |
| DUP-5 | | | AQ | 8 | HCl | VGA | X | | |
| MW-SF-11 | | 1231 | AQ | 8 | HCl | VGA | X | | |
| EB-3 | | 1445 | AQ | 8 | HCl | VGA | X | | |
| EB-4 | | 1450 | AQ | 8 | HCl | VGA | X | | |
| MW-15 | | 0754 | AQ | 8 | HCl | VGA | X | | |
| MW-0-2 | | 1414 | AQ | 8 | HCl | VGA | X | | |
| GMN-0-18 | | 1339 | AQ | 8 | HCl | VGA | X | | |
| DUP-4 | | | AQ | 8 | HCl | VGA | X | | |
| MW-SF-13 | | 1259 | AQ | 8 | HCl | VGA | X | | |

RESULTS NEEDED NO LATER THAN Standard

| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |
|----------------|---------|------|-------------|---------|------|
| TR [Signature] | 10/5/10 | 1545 | [Signature] | 10/6/10 | 7:00 |
| [Signature] | | 7:15 | [Signature] | | |
| [Signature] | | | [Signature] | | |

SHIPPED VIA

TIME SENT

COOLER #

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0655

LAB Alpha Analytical COC'S of 3

Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

Kinder Morgan Norwalk
Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | LAB SAMPLE # |
|-------------|---------|------|--------|--------------|------|--------------|
| | | | | Preservation | Type | |
| MW-SF-12 | 10-5-10 | 1233 | AQ | HCL | VDA | |
| DLP-0 | | | AQ | | | |
| MW-SF-2 | | 1133 | AQ | | | |
| GMW-0-12 | | 1051 | AQ | | | |
| GMW-0-20 | | 1017 | AQ | | | |
| MW-SF-10 | | 0920 | AQ | | | |
| GMW-4 | | 0931 | AQ | | | |

| CONDUCT ANALYSIS TO DETECT | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # | RESULTS NEEDED NO LATER THAN | RECEIVED BY | DATE | TIME |
|--------------------------------|-------------------|--------|-----------|--------------|---------------------------------|--------------------|---------|------|
| | | | | | | RECEIVED BY | DATE | TIME |
| TPHg, TPHd (EPA 8015M) | | | | | Standard | <i>[Signature]</i> | 10/6/10 | 715 |
| VOC's & Oxygenates (EPA 8260B) | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |
| | | | | | | <i>[Signature]</i> | 10/6/10 | 715 |

SAMPLING PERFORMED BY HH, TR

COMPLETED 10-5-10 1500

RELEASED BY *[Signature]*

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RELEASED BY *[Signature]*

SHIPPED VIA _____

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF

CLIENT: Kinder Morgan
 SITE: DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

LAB

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | Type | CONDUCT ANALYSIS TO DETECT | | | | | | | | LAB SAMPLE # | |
|-------------|---------|------|--------|------------|--------------|---------|----------------------------------|---------------|--------------------------|-----------------------|----------------------------------|-------------------------|---------------------------------------|-----------|--------------|--|
| | | | | # | Preservation | | TDS EPA 160.18 Ammonia EPA 350.3 | TKN EPA 351.4 | Ferrous Iron (3500-F-ED) | Alkalinity (SM 2320B) | Diss. Manganese EPA 200.8/SW6020 | Diss. Methane (RSK175M) | Potassium, Calcium, Sodium, Magnesium | EPA 200.7 | | Chloride, Sulfate, Nitrate and Nitrite (EPA 300.0) |
| GMW-0-1 | 10/5/10 | 0737 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | X | X | |
| GMW-0-3 | | 0937 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | X | X | |
| GMW-0-6 | | 0906 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | X | X | |
| GMW-0-2 | | 1010 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | X | X | |
| GMW-0-6 | | 1326 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | X | X | |
| GMW-0-15 | | 1406 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | X | X | |

SAMPLING DATE: 10/5/10 6:30 AM
 COMPLETED DATE: 10/5/10 6:30 AM
 PERFORMED BY: THA, TR

| RELEASED BY | TIME | RECEIVED BY | TIME | DATE | TIME | DATE |
|--------------------|-------|--------------------|------|---------|------|---------|
| <i>[Signature]</i> | 15:45 | <i>[Signature]</i> | 7:15 | 10/6/10 | 7:15 | 10/6/10 |
| <i>[Signature]</i> | 7:15 | <i>[Signature]</i> | | | | |
| <i>[Signature]</i> | | <i>[Signature]</i> | | | | |

| SHIPPED VIA | TIME SENT | COOLER # | RECEIVED BY | TIME | DATE |
|-------------|-----------|----------|--------------------|------|------|
| | | | <i>[Signature]</i> | | |

Standard

RESULTS NEEDED
 NO LATER THAN

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

LAB Alpha Analytical COC 1 of 3

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT

Kinder Morgan

SITE

DFSP Norwalk

15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | CONDUCT ANALYSIS TO DETECT | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|-------|------|--------|------------|--------------|----------------------------|------------------------|-------------------|--------|-----------|--------------|
| | | | | # | Preservation | Type | TPHg, TPHp (EPA 8015M) | | | | |
| MW-20 (000) | 10/19 | 1329 | AQ | 8 | HCl | VGA | X | | | | |
| TB-3 | | 0700 | AQ | 2 | HCl | VGA | X | | | | |
| MW-6 | | 1220 | AQ | 8 | HCl | VGA | X | | | | |
| GMW-40 | | 1132 | AQ | 8 | HCl | VGA | X | | | | |
| GMW-41 | | 1029 | AQ | 8 | HCl | VGA | X | | | | |
| MW-12 | | 0959 | AQ | 8 | HCl | VGA | X | | | | |
| PW-3 | | 0904 | AQ | 8 | HCl | VGA | X | | | | |
| GMW-3 | | 0836 | AQ | 8 | HCl | VGA | X | | | | |
| GMW-38 | | 0808 | AQ | 8 | HCl | VGA | X | | | | |
| GMW-0-14 | | 0734 | AQ | 8 | HCl | VGA | X | | | | |

RESULTS NEEDED NO LATER THAN **Standard**

RECEIVED BY TIME 000 DATE 10/6/10

RECEIVED BY TIME 700 DATE 10/7/10

RECEIVED BY TIME 700 DATE 10/7/10

SHIPPED VIA _____ COOLER # _____

BLAINE

TECH SERVICES, INC

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

LAB Alpha Analytical COC 2 of 3

CHAIN OF CUSTODY

CLIENT

Kinder Morgan

SITE

DFSP Norwalk

15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

TPHg, TPHP (EPA 8015M)

VOCs & Oxygenates (EPA 8260B)

Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

Report to:
Kinder Morgan Norwalk
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

CONTAINERS

| SAMPLE I.D. | DATE | TIME | MATRIX | # | CONTAINERS | | STATUS | CONDITION | LAB SAMPLE # |
|-------------|----------|------|--------|---|--------------|------|--------|-----------|--------------|
| | | | | | Preservation | Type | | | |
| EB-5 | 10/20/10 | 1430 | AQ | 8 | HCl | VOA | | | |
| EB-6 | | 1440 | AQ | 8 | HCl | VOA | | | |
| GMW-13 | | 1236 | AQ | 8 | HCl | VOA | | | |
| PN-1 | | 1154 | AQ | 8 | HCl | VOA | | | |
| HL-2 | | 1100 | AQ | 8 | HCl | VOA | | | |
| GMW-37 | | 1013 | AQ | 8 | HCl | VOA | | | |
| GMW-SE-8 | | 0744 | AQ | 8 | HCl | VOA | | | |
| GMW-37 | | 0804 | AQ | 8 | HCl | VOA | | | |
| GMW-8 | | 0823 | AQ | 8 | HCl | VOA | | | |
| GMW-2-19 | | 0754 | AQ | 8 | HCl | VOA | | | |

RESULTS NEEDED

NO LATER THAN Standard

| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |
|-------------|----------|------|-------------|----------|------|
| TR | 10/01/10 | 1500 | [Signature] | 10/06/10 | 1400 |
| [Signature] | | | [Signature] | 10/17/10 | 200 |
| [Signature] | | | [Signature] | | |

SHIPPED VIA

COOLER #

TIME SENT

TIME

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

Alpha Analytical COC 3 of 3

LAB Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

Kindergarten Morgan Norwalk
Report to:
Dan Jablonski
CH2M HILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

CONTAINERS

| SAMPLE I.D. | DATE | TIME | MATRIX | # | Preservation | Type | CONDUCT ANALYSIS TO DETECT | ADDITIONAL INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|------|--------|---|--------------|------|--------------------------------|------------------------|--------|-----------|--------------|
| MW-19(410) | 10/2/10 | 1332 | AR | 8 | HCL | VOL | TPHg, TPHp (EPA 8015M) | | | | |
| | | | | | | | VOC's & Oxygenates (EPA 8260B) | | | | |
| | | | | | | | | | | | |
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RESULTS NEEDED
NO LATER THAN Standard

| RELEASED BY | DATE | TIME | RECEIVED BY | DATE | TIME |
|-------------|-------|------|-------------|----------|------|
| [Signature] | 10/10 | 1500 | [Signature] | 10/16/10 | 1600 |
| [Signature] | | | [Signature] | 10/17/10 | 700 |

| SHIPPED VIA | TIME SENT | COOLER # |
|-------------|-----------|----------|
| | | |

BLAINE

TECH SERVICES

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 673-7771
PHONE (408) 673-0555

LAB Alpha Analytical COC / of /

Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

Client: Kinder Morgan

Site: DFSP Norwalk

15306 Norwalk Blvd, Norwalk

Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

| CONDUCT ANALYSIS TO DETECT | | | | | | | | | | | |
|----------------------------------|---------------|--------------------------|-----------------------|-----------------------------------|-------------------------|---|--|-------------------|--------|-----------|--------------|
| | TKN EPA 351.4 | Ferrous Iron (3500-F-ED) | Alkalinity (SM 2320B) | Diss. Manganese EPA 200.8/SW6020) | Diss. Methane (RSK175M) | Potassium, Calcium, Sodium, Magnesium EPA 200.7 | Chloride, Sulfate, Nitrate and Nitrite (EPA 300.0) | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
| TDS EPA 160.18 Ammonia EPA 350.3 | X | X | X | X | X | X | X | | | | |
| Various | X | X | X | X | X | X | X | | | | |
| Various | X | X | X | X | X | X | X | | | | |
| Various | X | X | X | X | X | X | X | | | | |
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RESULTS NEEDED
NO LATER THAN Standard

| | | | | | |
|-------------|----|------|------|------|----------|
| RECEIVED BY | TR | TIME | 1600 | DATE | 10/16/10 |
| RECEIVED BY | TR | TIME | 700 | DATE | 10/16/10 |
| RECEIVED BY | TR | TIME | 700 | DATE | 10/16/10 |

SAMPLING PERFORMED BY TR, ALL

COMPLETED 10.6.10 1500

RELEASED BY TR

RELEASED BY TR

RELEASED BY TR

SHIPPED VIA

| | |
|-------------|----------|
| SHIPPED VIA | COOLER # |
|-------------|----------|

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

LAB Alpha Analytical COC 2 of 2

Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

CHAIN OF

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

Kinder Morgan Norwalk
Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | CONDUCT ANALYSIS TO DETECT | | | | | | | | ADDL INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|-------|--------|------------|--------------|----------------------------|---------------|--------------------------|-----------------------|-----------------------------------|-------------------------|---------------------------------------|-----------|------------------|--------|-----------|--------------|
| | | | | % | Preservation | Type | TKN EPA 351.4 | Ferrous Iron (3500-F-ED) | Alkalinity (SM 2320B) | Diss. Manganese EPA 200.8/SW6020) | Diss. Methane (RSK175M) | Potassium, Calcium, Sodium, Magnesium | EPA 200.7 | | | | |
| DUP-3 | 10/2/10 | | AQ | 10 | Various | Various | X | X | X | X | X | X | X | | | | |
| DUP-1 | | | AQ | 10 | Various | Various | X | X | X | X | X | X | X | | | | |
| 6MW-0-10 | | 12:19 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | | | | |
| 6MW-27 | | 11:39 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | | | | |
| 6MW-39 | | 09:49 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | | | | |
| 6MW-7 | | 07:59 | AQ | 10 | Various | Various | X | X | X | X | X | X | X | | | | |

| SAMPLING COMPLETED | DATE | TIME | SAMPLING PERFORMED BY | RESULTS NEEDED NO LATER THAN | DATE | TIME |
|--------------------|---------|-------|-----------------------|------------------------------|---------|------|
| RELEASED BY | 10-7-10 | 15:00 | Think Beers | Standard | 10-8-10 | 6:30 |
| RECEIVED BY | | | | | | |
| RECEIVED BY | | | | | | |
| RECEIVED BY | | | | | | |

| SHIPPED VIA | TIME SENT | COOLER # | DATE | TIME |
|-------------|-----------|----------|------|------|
| | | | | |

BLAINE

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

Alpha Analytical COC 2 of 3

LAB
Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

Kinder Morgan Norwalk
Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd, 21st floor
Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT: Kinder Morgan
SITE: DFSP Norwalk
15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | PRESERVATION | TYPE | CONDUCT ANALYSIS TO DETECT | | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|----------|------|--------|------------|-----|--------------|------|----------------------------|--------------------------------|--|-------------------|--------|-----------|--------------|
| | | | | # | | | | TPHg, TPHp (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | | | | | |
| MW-8 | 10/07/10 | 0837 | AQ | 8 | HCl | 8 | VOA | X | X | | | | | |
| MW-7 | | 0759 | AQ | 8 | HCl | 8 | VOA | X | X | | | | | |
| MW-7 | | 0722 | AQ | 8 | HCl | 8 | VOA | X | X | | | | | |
| DWP-8 | 10/7/10 | | AQ | 8 | MCL | 8 | VOA | X | X | | | | | |
| DWP-1 | | | AQ | 8 | MCL | 8 | VOA | X | X | | | | | |
| EB-8 | | 1450 | AQ | 8 | HCl | 8 | VOA | X | X | | | | | |

RESULTS NEEDED: NO LATER THAN **Standard**

AMPLING COMPLETED: 15:00 10/7/10 PERFORMED BY: *Thinh Hoang*

RELEASED BY: *Thinh Hoang* RECEIVED BY: *[Signature]* DATE: 10/8/10 TIME: 08:00

RELEASED BY: *[Signature]* RECEIVED BY: *[Signature]* DATE: DATE TIME

RELEASED BY: *[Signature]* RECEIVED BY: *[Signature]* DATE: DATE TIME

SHIPPED VIA: TIME SENT: COOLER #

BLAINE

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0556

TECH SERVICES, INC.

CHAIN OF CUSTODY

CLIENT
 Kinder Morgan

SITE
 DFSP Norwalk

15306 Norwalk Blvd, Norwalk

LAB Alpha Analytical COC t of 3

Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

| CONDUCT ANALYSIS TO DETECT | | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|--------------------------------|---|-------------------|--------|-----------|--------------|
| TPHg, TPHp (EPA 8015M) | X | | | | |
| VOC's & Oxygenates (EPA 8260B) | X | | | | |

RESULTS NEEDED
 NO LATER THAN

Standard

RECEIVED BY
 TIME 6:30
 DATE 10.8.10
 TIME 6:30

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0556

CLIENT
 Kinder Morgan
 DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | SAMPLING PERFORMED BY |
|--------------|----------|------|--------|------------|-------------------|-----------------------|
| | | | | # | Preservation Type | |
| GMW-18 (MED) | 10/02/10 | 1343 | AQ | 8 | HCl VOA | |
| E8-7 | | 1445 | AQ | 8 | HCl VOA | |
| P2-10 | | 1259 | AQ | 8 | HCl VOA | |
| GMW-0-10 | | 1219 | AQ | 8 | HCl VOA | |
| GMW-27 | | 1139 | AQ | 8 | HCl VOA | |
| GMW-14 | | 1104 | AQ | 8 | HCl VOA | |
| GMW-SF-10 | | 1029 | AQ | 8 | HCl VOA | |
| GMW-39 | | 0949 | AQ | 8 | HCl VOA | |
| DUP-2 | | - | AQ | 8 | HCl VOA | |
| GMW-SF-9 | | 0919 | AQ | 8 | HCl VOA | |

RECEIVED BY
 TIME 6:30
 DATE 10.8.10
 TIME 6:30

TRK

RECEIVED BY
 TIME 6:30
 DATE 10.8.10
 TIME 6:30

RECEIVED BY
 TIME
 DATE

RECEIVED BY
 TIME SENT
 COOLER #

SHIPPED VIA

BLAINE
TECH SERVICES,

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

LAB Alpha Analytical COC 1 of 2

Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

Kinder Morgan Norwalk
Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

CHAIN OF
CLIENT Kinder Morgan
SITE DFSP Norwalk
15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | | CONTAINERS | |
|-------------|---------|------|--------|------|--------------|---------|
| | | | NO " | Type | Preservation | Type |
| MW-SF-4 | 10/1/10 | 1336 | AQ | 10 | VARIOUS | VARIOUS |
| 69HW-9 | | 1252 | AQ | 10 | VARIOUS | VARIOUS |
| 69HW-0-14 | | 1131 | AQ | 10 | VARIOUS | VARIOUS |
| MW-SF-1 | | 1039 | AQ | 10 | VARIOUS | VARIOUS |
| PZ-S | | 0948 | AQ | 10 | VARIOUS | VARIOUS |

| CONDUCT ANALYSIS TO DETECT | TKN EPA 351.4 | Ferrous Iron (3500-F-ED) | Alkalinity (SM 2320B) | Diss. Manganese EPA 200.8/SW6020) | Diss. Methane (RSK175M) | Potassium, Calcium, Sodium, Magnesium EPA 200.7 | Chloride, Sulfate, Nitrate and Nitrite (EPA 300.0) | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|----------------------------|---------------|--------------------------|-----------------------|-----------------------------------|-------------------------|---|--|-------------------|--------|-----------|--------------|
| | | | | | | | | | | | |
| | X | X | X | X | X | X | X | | | | |
| | X | X | X | X | X | X | X | | | | |
| | X | X | X | X | X | X | X | | | | |
| | X | X | X | X | X | X | X | | | | |
| | X | X | X | X | X | X | X | | | | |

RESULTS NEEDED
NO LATER THAN

Standard

RECEIVED BY *TR* TIME 6:20 DATE 10/8/10 TIME 6:20

RECEIVED BY *[Signature]* TIME 6:30 DATE 10/8/10 TIME 6:30

RECEIVED BY *[Signature]* TIME 6:30 DATE 10/8/10 TIME 6:30

SHIPPED VIA COOLER # _____ TIME SENT _____ DATE _____ TIME _____

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

LAB Alpha Analytical COC 3 of 3

Billing Information:
Kinder Morgan
1100 Town and Country Rd.
Orange CA 95112

Kinder Morgan Norwalk
Report to:
Dan Jablonski
CH2MHILL
1000 Wilshire Blvd 21st floor
Los Angeles, CA 90017

CHAIN OF CUSTODY

CLIENT Kinder Morgan

SITE DFSP Norwalk

15306 Norwalk Blvd, Norwalk

CONDUCT ANALYSIS TO DETECT

TPHg, TPHp (EPA 8015M) X
VOC's & Oxygenates (EPA 8260B) X

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|------|--------|------------|-------------------|--------|-----------|--------------|
| TS-4 | 10-7-10 | 0700 | AQ | 2 HCl VOA | | | | |
| MW-SF-4 | | 1330 | AG | 3 HCl VOA | | | | |
| MW-9 | | 0859 | AG | 8 HCl VOA | | | | |
| GMN-1 | | 0924 | AG | 8 HCl VOA | | | | |
| MW-SF-9 | | 0744 | AQ | 8 HCl VOA | | | | |
| PZ-8 | | 0948 | AG | 8 HCl VOA | | | | |
| MW-SF-1 | | 1034 | AQ | 8 HCl VOA | | | | |
| GMN-0-14 | | 1131 | AQ | 8 HCl VOA | | | | |
| GMN-9 | | 1252 | AQ | 8 HCl VOA | | | | |
| DUP-3 | | | AQ | 8 HCl VOA | | | | |

RESULTS NEEDED
NO LATER THAN

Standard

RECEIVED BY *Trish Heaney*

DATE 10-8-10 TIME 8:30

RECEIVED BY *[Signature]*

DATE DATE TIME

RECEIVED BY *[Signature]*

DATE DATE TIME

RECEIVED BY *[Signature]*

SHIPPED VIA

TIME SENT TIME SENT COOLER #

BLAINE

TECH SERVICES, INC.

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CONDUCT ANALYSIS TO DETECT

TPHg, TPHTp (EPA 8015M)
 VOC's & Oxygenates (EPA 8260B)

LAB

Billing information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kinder Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

Alpha Analytical COC 1 of 2

CHAIN OF CUSTODY

CLIENT: Kinder Morgan
 SITE: DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | ADDITIONAL INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|------|--------|------------|-------------------|------------------------|--------|-----------|--------------|
| | | | | # | Preservation Type | | | | |
| TB-5 | 10/8/10 | 0700 | AQ | 1 | HCl VOA | | | | |
| GMW-25 | | 0808 | | | | | | | |
| NW-5F-5 | | 0847 | | | | | | | |
| GMW-0-23 | | 0949 | | | | | | | |
| GMW-0-21 | | 0736 | | | | | | | |
| NW-3 | | 1105 | | | | | | | |
| MW-0-1 | | 1029 | | | | | | | |
| EB-9 | | 1400 | | | | | | | |
| EB-10 | | 1410 | | | | | | | |
| GMW-10 | | 1013 | | | | | | | |

RESULTS NEEDED NO LATER THAN: Standard

RECEIVED BY: TIME: 1500 DATE: 10/8/10

RECEIVED BY: TIME: 1630 DATE: 10/8/10

RECEIVED BY: TIME: 1630 DATE: 10/8/10

COOLER #

SHIPPED VIA

BLAINE

TECH SERVICES, INC

1680 ROGERS AVENUE
 SAN JOSE, CALIFORNIA 95112-1105
 FAX (408) 573-7771
 PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT: Kinder Morgan
 SITE: DFSP Norwalk
 15306 Norwalk Blvd, Norwalk

LAB: Alpha Analytical COC 2 of 2
 Billing Information:
 Kinder Morgan
 1100 Town and Country Rd.
 Orange CA 95112

Kindler Morgan Norwalk
 Report to:
 Dan Jablonski
 CH2MHILL
 1000 Wilshire Blvd 21st floor
 Los Angeles, CA 90017

| SAMPLE I.D. | DATE | TIME | MATRIX | CONTAINERS | | TPHg, TPHp (EPA 8015M) | VOC's & Oxygenates (EPA 8260B) | CONDUCT ANALYSIS TO DETECT | ADD'L INFORMATION | STATUS | CONDITION | LAB SAMPLE # |
|-------------|---------|------|--------|------------|-------------------|------------------------|--------------------------------|----------------------------|-------------------|--------|-----------|--------------|
| | | | | # | Preservation Type | | | | | | | |
| HW-SF-6 | 10.2.10 | 0958 | AQ | 8 | HCl VOA | X | X | | | | | |
| WCW-13 | | 1102 | | | | X | X | | | | | |
| GWR-3 | | 0920 | | | | X | X | | | | | |
| HW-SF-14 | | 1136 | | | | X | X | | | | | |
| DUP-7 | | | | | | X | X | | | | | |

RESULTS NEEDED: NO LATER THAN Standard

SAMPLING PERFORMED BY: TR, HH

SAMPLING COMPLETED: 10.2.10 1500

RELEASED BY: [Signature] TIME: 1500 DATE: 10/2/10

RECEIVED BY: [Signature] TIME: 1530 DATE: 10/2/10

RECEIVED BY: [Signature] TIME: 1630 DATE: 10/2/10

SHIPPED VIA: [Signature] TIME SENT: 1630 DATE: 10/2/10 COOLER #:

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 10/04/10

Site Address Norwalk

Job Number 101004-TR 1 Technician Thinh Hoang

| Well ID | Well Inspected - No Corrective Action Required | Flush Mounted wellbox | Standpipe | Guard posts | Stripped or Missing Bolts | Expansion Cap | Lock | Cracked Apron | Well Not Inspected (explain below) | Repair Order Submitted |
|---------|--|-----------------------|-----------|-------------|---------------------------|---------------|------|---------------|------------------------------------|------------------------|
| EXP-1 | | | x | y | | | | | | |
| EXP-2 | | | x | y | | | | | | |
| EXP-3 | | | x | x | | | | | | |
| EXP-4 | x | x | | | | | | | | |
| EXP-5 | x | x | | | | | | | | |
| BW-1 | | x | | | | | | | | |
| BW-2 | | x | | | | | | | | |
| BW-3 | | x | | | | | | | | |
| BW-4 | | x | | | | | | | | |
| BW-5 | | x | | | | | | | | |
| BW-6 | | x | | | | | | | | |
| BW-7 | | x | | | | | | | | |
| BW-8 | | x | | | | | | | | |
| BW-9 | | x | | | | | | | | |
| GMW-1 | | x | | | | | | | | |
| GMW-2 | | x | | | x | | | | | x |
| GMW-3 | | x | | | | | | | | |

NOTES: GMW-2 - 2/2 bolts missing

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 10/4/10

Site Address Norwalk

Job Number 101004-TR1 Technician JL

| Well ID | Well Inspected - No Corrective Action Required | Flush Mounted wellbox | Standpipe | Guard posts | Stripped or Missing Bolts | Expansion Cap | Lock | Cracked Apron | Well Not Inspected (explain below) | Repair Order Submitted |
|---------|--|-----------------------|-----------|-------------|---------------------------|---------------|------|---------------|------------------------------------|------------------------|
| GMW-4 | | X | | | | | | | | |
| GMW-8 | | X | | | X | | | | | |
| GMW-9 | X | | X | | | | | | | |
| GMW-10 | | X | | | | | | | | |
| GMW-11 | | X | | | | | | | | |
| GMW-13 | | X | | | | | | | | |
| GMW-14 | | X | | | | | | | | |
| GMW-22 | X | | X | | | | | | | |
| GMW-23 | | | X | | X | | | | | X |
| GMW-24 | X | | X | | | | | | | |
| GMW-25 | X | | X | | | | | | | |
| GMW-26 | | X | | | | | | | | |
| GMW-27 | | X | | | | | | | | X |
| GMW-28 | | X | | | X | | | | | X |
| GMW-29 | | | X | | | | | | | X |
| GMW-30 | | X | | | | | | | | X |
| GMW-36 | | X | | | | | | | | |

NOTES: GMW-30 - missing well lid - no bolts, GMW-23 - 2/2 bolts missing
GMW-28 - 2/2 bolts missing, GMW-27 - missing well lid, GMW-29 - standpipe
casing cracked, GMW-8 - 2/2 bolts stripped

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 10/4/10

Site Address Norwalk

Job Number 101004-TR1 Technician ML

| Well ID | Well Inspected - No Corrective Action Required | Flush Mounted wellbox | Standpipe | Guard posts | Stripped or Missing Bolts | Expansion Cap | Lock | Cracked Apron | Well Not Inspected (explain below) | Repair Order Submitted |
|---------------|--|-----------------------|-----------|-------------|---------------------------|---------------|------|---------------|------------------------------------|------------------------|
| GMW-37 | | | X | | | | | | | |
| GMW-38 | | | X | | | | | | | |
| GMW-39 | | | X | | | | | | | |
| GMW-40 | | X | | | | | | | | |
| GMW-41 | | X | | | | | | | | |
| GMW-O-1 | X | f | | | | | | | | |
| GMW-O-2 | X | X | | | | | | | | |
| GMW-O-3 | X | X | | | | | | | | |
| GMW-O-4 | X | X | | | | | | | | |
| GMW-O-4 (MID) | X | X | | | | | | | | |
| GMW-O-5 | X | X | | | | | | | | |
| GMW-O-6 | | X | | | X | | | | | X |
| GMW-O-7 | PH X | X | | | X | | | | | X |
| GMW-O-8 | | X | | | X | | | | | X |
| GMW-O-9 | PH X | X | | | X | | | | | X |
| GMW-O-10 | | X | | | | | | | | |
| GMW-O-11 | | X | | | | | | | | |

NOTES: GMW-O-8 - 1/2 bolts missing, GMW-O-9 - 2 1/2 bolts missing, GMW-O-7 - 2 1/2 bolts
GMW-O-6 - 1/2 bolts missing

WELLHEAD INSPECTION CHECKLIST

Client Kinder Morgan Date 10/4/10

Site Address Norwalk

Job Number 101004-tr1 Technician M

| Well ID | Well Inspected - No Corrective Action Required | Flush Mounted wellbox | Standpipe | Guard posts | Stripped or Missing Bolts | Expansion Cap | Lock | Cracked Apron | Well Not Inspected (explain below) | Repair Order Submitted |
|-----------|--|-----------------------|--------------|-------------|---------------------------|---------------|------|---------------|------------------------------------|------------------------|
| GMW-O-12 | | X | | | X | | | | | X |
| GMW-O-14 | X | X | | | | | | | | |
| GMW-O-15 | | | X | X | | | | | | |
| GMW-O-16 | | X | | | X | | | | | |
| GMW-O-17 | X | X | | | | | | | | |
| GMW-O-18 | | X | | | | | | | | |
| GMW-O-19 | | X | | | | | | | | |
| GMW-O-20 | W X | X | | | X | | | | | X |
| GMW-O-21 | | X | | | X | | | | | X |
| GMW-O-23 | | X | | | X | | | | | X |
| GMW-SF-7 | | X | X | | | | | | | |
| GMW-SF-8 | | X | X | | | | | | | |
| GMW-SF-9 | | X | X | | | | | | | |
| GMW-SF-10 | | X | | | | | | | | |
| GWR-1 | | X | | | X | | | | | |
| GWR-3 | X | | X | | | | | | | |
| HL-2 | | | X | X | | | | | | |

NOTES: GMW-O-12 - 1/4 bolts missing - vault-secureable by weight, GMW-O-20 - 1/4 bolts missing - vault-secureable by weight, GMW-O-23 - 1/4 bolts missing - vault-secureable by weight, GMW-O-21 - vault - no bolts - secureable by weight, GWR-1 - 2/2 bolts stripped, GMW-O-16 - 2/2 bolts stripped

WELLHEAD INSPECTION CHECKLIST

Page 5 of 7

Client Kinder Morgan Date 10/4/10

Site Address Norwalk

Job Number 101004-TK1 Technician JL

| Well ID | Well inspected - No Corrective Action Required | Flush Mounted wellbox | Standpipe | Guard posts | Stripped or Missing Bolts | Expansion Cap | Lock | Cracked Apron | Well Not Inspected (explain below) | Repair Order Submitted |
|-------------|--|-----------------------|-----------|-------------|---------------------------|---------------|------|---------------|------------------------------------|------------------------|
| HL-3 | | | X | X | | | | | | |
| HW-2 | | | | | | | | | X | |
| MW-6 | | | X | X | | | | | | |
| MW-7 | | | X | X | | | | | | |
| MW-8 | X | | X | | | | | | | |
| MW-9 | | | X | X | | | | | | |
| MW-12 | | | X | X | | | | | | |
| MW-15 | | | X | X | | | | | | |
| MW-18 (MID) | | | X | X | | | | | | |
| MW-19 (MID) | | | X | X | | | | | | |
| MW-20 (MID) | | | X | X | | | | | | |
| MW-21 (MID) | | | X | X | | | | | | |
| MW-O-1 | | X | | | X | | | | | X |
| MW-O-2 | | X | | | | | | | | |
| MW-SF-1 | | | X | X | | | | | | |
| MW-SF-2 | | | X | X | | | | | | |
| MW-SF-3 | | | X | X | | | | | | |

NOTES: MW-O-1 - 1/4 bolts missing - was it removable by weight
HW-2 - valves to be located

WELLHEAD INSPECTION CHECKLIST

Page 6 of 7

Client Kinder Morgan Date 10/4/10

Site Address Norwalk

Job Number 101004-TR1 Technician TM

| Well ID | Well inspected - No Corrective Action Required | Flush Mounted wellbox | Standpipe | Guard posts | Stripped or Missing Bolts | Expansion Cap | Lock | Cracked Apron | Well Not Inspected (explain below) | Repair Order Submitted |
|----------|--|-----------------------|-----------|-------------|---------------------------|---------------|------|---------------|------------------------------------|------------------------|
| MW-SF-4 | | | X | X | | | | | | |
| MW-SF-5 | | | X | | | | | | | |
| MW-SF-6 | | | X | | | | | | | |
| MW-SF-9 | | | X | | | | | | | |
| MW-SF-10 | | | X | | | | | | | |
| MW-SF-11 | | | X | | | | | | | |
| MW-SF-12 | | | X | | | | | | | |
| MW-SF-13 | | X | | | | | | | | |
| MW-SF-14 | | | X | | | | | | | |
| MW-SF-15 | | | X | | | | | | | |
| MW-SF-16 | | | X | | | | | | | |
| PW-1 | | X | | | X | | | | | X |
| PW-2 | | X | | | | | | | | |
| PW-3 | | X | | | | | | | | |
| PZ-2 | | X | | | X | | | | | X |
| PZ-5 | X | X | | | | | | | | |
| PZ-6 | | | | | | | | | X | |

NOTES: PW-1 - 12" vault 1/2 bolts missing, PZ-2 - 1/2 bolts missing
PW-2, PW-3: NO BOLTS
PZ-6: UNABLE TO LOCATE

WELLHEAD INSPECTION CHECKLIST

Page 7 of 7

Client Kinder Morgan Date 10/4/10

Site Address Norwalk

Job Number 101004-TR1 Technician DM

| Well ID | Well Inspected - No Corrective Action Required | Flush Mounted wellbox | Standpipe | Guard posts | Stripped or Missing Bolts | Expansion Cap | Lock | Cracked Apron | Well Not Inspected (explain below) | Repair Order Submitted |
|---------|--|-----------------------|-----------|--------------|---------------------------|---------------|------|---------------|------------------------------------|------------------------|
| PZ-7A | | X (P) | X | X | | | | | | |
| PZ-7B | | X | X | X | | | | | | |
| PZ-8A | | X (P) | X | X | | | | | | |
| PZ-8B | | X | X | X | | | | | | |
| PZ-9A | | X (P) | X | X | | | | | | |
| PZ-9B | | | X | X | | | | | | |
| PZ-10 | | X | | | | | | | | |
| VEW-1 | | | X | | | | | | | |
| VEW-2 | | | X | | | | | | | |
| WCW-3 | X | Y | | | | | | | | |
| WCW-7 | X | X | | | | | | | | |
| MWCW-13 | X | X | | | | | | | | |
| | | | | | | | | | | |
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NOTES: _____

TEST EQUIPMENT CALIBRATION LOG

| PROJECT NAME | | PROJECT NUMBER | | | | INITIALS | |
|----------------|------------------|-------------------|-----------------------|-----------------------|-------------------------------|----------|----------|
| KMEP @ Newark | | 101004 TR | | | | | |
| EQUIPMENT NAME | EQUIPMENT NUMBER | DATE/TIME OF TEST | STANDARDS USED | EQUIPMENT READING | CALIBRATED TO: OR WITHIN 10%: | TEMP. | INITIALS |
| YSI 556 | 10A100055 | 10/06/10 0647 | 4.0 7.0 PH 10.0 | 4.00 7.00 10.00 | ✓ | 18.77°C | HH |
| | ↓ | 10/06/10 0653 | Cond 3900 | 3900 | ✓ | 18.22°C | HH |
| | ↓ | 10/06/10 0658 | ORP 236 | 236 | ✓ | 18.11°C | HH |
| | ↓ | 10/06/10 0701 | p.o. 100% | 99.8% | ✓ | 17.98°C | HH |
| YSI 556 | 10A100055 | 10/07/10 0646 | 4.0 PH 7.0 10.0 | 4.01 7.00 10.00 | ✓ | 20.10°C | HH |
| | ↓ | 10/07/10 0649 | Cond 3900 | 3900 | ✓ | 20.23°C | HH |
| | ↓ | 10/07/10 0653 | ORP 236 | 236 | ✓ | 20.06°C | HH |
| | ↓ | 10/07/10 0656 | D.O. 100% | 100.6% | ✓ | 19.75°C | HH |
| YSI 556 | 10A100055 | 10/08/10 0645 | 4.0 PH 7.0 10.0 | 4.01 7.00 10.00 | ✓ | 20.31°C | HH |
| | ↓ | 10/08/10 0650 | Cond 3900 | 3900 | ✓ | 20.25°C | HH |
| | ↓ | 10/08/10 0654 | ORP 236 | 236 | ✓ | 20.12°C | HH |
| | ↓ | 10/08/10 0659 | p.o. 100% | 100% | ✓ | 19.82°C | HH |

WELL GAUGING DATA

Project # 110004-MAH Date 10/4/10 Client PARSONS@DFSP Newark

Site Excelsior Dr. & Newark Blvd

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|-----------|------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|----------------------|----------------------------|--------------------------|---------|
| EXP-3 | 0734 | 4 | | | | | 55.42 | 123.10 | | 10/4/10 |
| EXP-1 | 0820 | 4 | | | | | 56.44 | 129.00 | | |
| EXP-2 | 0960 | 4 | | | | | 56.65 | 128.09 | | |
| MW-24 | 0940 | 4 | | | | | 31.71 | 47.16 | | |
| MW-14 | 1019 | 4 | | | | | 31.83 | 51.88 | | |
| MW-22(MW) | 1050 | 4 | | | | | 31.26 | 57.56 | | |
| MW-25 | 1125 | 4 | | | | | 32.42 | 47.16 | | |
| MW-26 | 1215 | 4 | | | | | 46.72 | 30.71 | | |
| MW-27 | 1306 | 4 | | | | | 31.61 | 52.03 | | |
| MW-23(MW) | 1400 | 4 | | | | | 32.54 | 57.11 | | 10/4/10 |
| GMLW-6 | 0728 | 4 | | | | | 30.01 | 49.25 | | 10/5/10 |
| GMLW-15 | 0817 | 4 | | | | | 29.30 | 44.56 | | |
| GMLW-6 | 0930 | 4 | | | | | 29.52 | 61.63 | | |
| GMLW-16 | 1010 | 4 | | | | | 30.12 | 49.77 | | |
| GMLW-17 | 1041 | 4 | | | | | 27.57 | 48.68 | | |
| GMLW-62 | 1129 | 4 | | | | | 29.00 | 39.28 | | |
| GMLW-65 | 1212 | 4 | | | | | 29.28 | 40.64 | ↓ | ↓ |

WELL GAUGING DATA

Project # 10004-MH1 Date 10/4/10 Client PARSONS @ DFSP NORWALK

Site PARSONS @ DFSP NORWALK NORWALK Blvd & Exclusive Dr.

| Well ID | Time | Well Size (in.) | Sheen / Odor | Depth to Immiscible Liquid (ft.) | Thickness of Immiscible Liquid (ft.) | Volume of Immiscibles Removed (ml) | Depth to water (ft.) | Depth to well bottom (ft.) | Survey Point: TOB or TOC | Notes |
|---------|------|-----------------|--------------|----------------------------------|--------------------------------------|------------------------------------|---|----------------------------|--------------------------|---------|
| GMLW-64 | 1254 | 4 | | | | | 28.72 | 40.00 | ↓ | 10/5/10 |
| GMLW-63 | 1340 | 4 | | | | 30.00 | 40.19 | ↓ | | |
| GMLW-47 | 0711 | 4 | | | | 28.60 | 50.33 | 10/6/10 | | |
| GMLW-59 | 0801 | 4 | | | | 29.56 | 53.61 | | | |
| MW-13 | 0840 | 4 | | | | 31.74 | 52.26 | | | |
| GMLW-66 | 0918 | 4 | | | | 29.88 | 39.99 | | | |
| MW-17 | 0955 | 4 | | | | 30.62 | 52.00 | | | |
| GW-15 | 1018 | 6 | | 28.00 | 0.34 | 29.14 | — | | | |
| GMLW-61 | 1023 | 4 | | | | 28.14 | 40.00 | | | |
| GMLW-60 | 1027 | 4 | | | | 28.85 | 39.92 | | | |
| GMLW-58 | 1040 | 4 | | | | 27.40 | 54.29 | | | |
| GMLW-59 | 1117 | 4 | | | | 26.65 | 54.37 | | | |
| GMLW-41 | 1340 | 4 | | | | 27.21 | 49.61 | | | 10/6/10 |
| MW-16 | 0700 | 4 | | | | 29.28 | 51.00 29.28 _{MH} | | | 10/7/10 |
| GMLW-32 | 0748 | 4 | | | | 27.12 | 51.61 | | | |
| WCLW-6 | 0830 | 4 | | | | 28.17 | 51.48 | | | |
| WCLW-2 | 0905 | 4 | | | | 28.00 | 53.38 | ↓ | ↓ | |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|---------------------------------------|
| Project #: 100004-MH1 | Client: Parsons @ DFSP Newark |
| Sampler: M. H. M. C. | Gauging Date: 10/1/10 |
| Well I.D.: EXP-1 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 129.00 | Depth to Water (ft.): 56.44 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>VSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0824 Flow Rate: 200 mL/min Pump Depth: 97'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|--|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0827 | 20.6 | 8.01 | 924 | 6 | 0.61 | -207.6 | 600 | 56.44 |
| 0830 | 20.4 | 8.05 | 924 | 5 | 0.46 | -214.4 | 1200 | 56.44 |
| 0833 | 20.8 | 8.02 | 933 | 5 | 0.36 | -220.0 | 1800 | 56.44 |
| 0836 | 20.9 | 8.00 | 936 | 4 | 0.32 | -222.8 | 2400 | 56.44 |
| 0839 | 20.9 | 8.00 | 938 | 4 | 0.31 | -223.1 | 3000 | 56.44 |
| 0842 | 20.9 | 8.00 | 938 | 4 | 0.31 | -223.6 | 3600 | 56.44 |
| — ALL PARAMETERS STABLE collect sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0843 Sampling Date: 10/1/10

Sample I.D.: EXP-1 Laboratory: CAL Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's ; TPH's

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFGP NORWALK |
| Sampler: M. Humez | Gauging Date: 10/4/10 |
| Well I.D.: EXP-2 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 128.09 | Depth to Water (ft.): 56.65 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: P/C Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0910 Flow Rate: 200 mL/min Pump Depth: 105'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|---------------------------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0913 | 21.0 | 8.28 | 1533 | 8 | 0.66 | -141.1 | 600 | 56.67 |
| 0916 | 21.1 | 8.06 | 1601 | 6 | 0.35 | -122.0 | 1200 | 56.67 |
| 0919 | 21.0 | 8.03 | 1595 | 4 | 0.32 | -118.9 | 1800 | 56.67 |
| 0922 | 21.1 | 7.96 | 1603 | 4 | 0.27 | -113.4 | 2400 | 56.67 |
| 0925 | 21.1 | 7.95 | 1603 | 4 | 0.26 | -112.8 | 3000 | 56.67 |
| 0928 | 21.1 | 7.95 | 1602 | 4 | 0.26 | -112.2 | 3000 | 56.67 |
| — | ALL PARAMETERS STABLE; COLLECT SAMPLE | | | — | — | — | — | — |
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Did well dewater? Yes No Amount actually evacuated: 300 mL

Sampling Time: 0929 Sampling Date: 10/4/10

Sample I.D.: EXP-2 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOL'S ITPHS

Equipment Blank I.D.: @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: Parsons @ DFSP Newark |
| Sampler: M. H. ... | Gauging Date: 10/4/10 |
| Well I.D.: EXP-3 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 123.10 | Depth to Water (ft.): 55.46 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 552e</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0748 Flow Rate: 200 mL/min Pump Depth: 100

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------------------|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0751 | 21.3 | 8.39 | 776 | 8 | 0.93 | -154.2 | 600 | 55.46 |
| 0754 | 21.5 | 8.12 | 799 | 6 | 0.50 | -120.6 | 1200 | 55.46 |
| 0757 | 21.4 | 7.97 | 796 | 6 | 0.36 | -109.5 | 1800 | 55.46 |
| 0800 | 21.4 | 7.96 | 795 | 6 | 0.34 | -109.2 | 2400 | 55.46 |
| 0803 | 21.5 | 7.96 | 795 | 5 | 0.34 | -108.8 | 3000 | 55.46 |
| 0806 | 21.5 | 7.96 | 796 | 5 | 0.33 | -108.8 | 3600 | 55.46 |
| — ALL PARAMETERS | | | STABLE | ; collect | SAMPLE | — | — | — |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL
 Sampling Time: 0807 Sampling Date: 10/4/10
 Sample I.D.: EXP-3 Laboratory: PARSCIENCO
 Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S
 Equipment Blank I.D.: @ Duplicate I.D.: Time

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 100410-MTH | Client: PARSONS CDFSP NOWACK |
| Sampler: <i>MTH</i> | Gauging Date: 10/5/10 |
| Well I.D.: GMLW-6 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 49.28 | Depth to Water (ft.): 30.01 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0735 Flow Rate: 200 mL/min Pump Depth: 39.6

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0738 | 20.7 | 7.33 | 1119 | 8 | 0.59 | 47.6 | 600 | 30.08 |
| 0741 | 21.1 | 6.91 | 1170 | 7 | 0.26 | -49.1 | 1200 | 30.08 |
| 0744 | 21.0 | 6.94 | 1160 | 5 | 0.44 | -55.6 | 1800 | 30.08 |
| 0747 | 21.1 | 6.93 | 1157 | 5 | 0.64 | -59.1 | 2400 | 30.08 |
| 0750 | 21.1 | 6.92 | 1158 | 5 | 0.63 | -59.6 | 3000 | 30.08 |
| 0753 | 21.0 | 6.92 | 1158 | 5 | 0.63 | -60.3 | 3600 | 30.08 |
| — ALL PARAMETERS STABLE; collect sample | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0751 Sampling Date: 10/5/10

Sample I.D.: GMLW-6 Laboratory: PACSUNCO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOL'S TPH'S

Equipment Blank I.D.: @ _____ @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MTH | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. Hansen | Gauging Date: 10/8/10 |
| Well I.D.: GMMW-12 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 48.56 | Depth to Water (ft.): 27.56 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1023 Flow Rate: 200 mL/min Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1026 | 23.5 | 6.80 | 1659 | 41 | 0.30 | 26.8 | 600 | 27.56 |
| 1029 | 23.6 | 6.78 | 1688 | 37 | 0.20 | 37.1 | 1200 | 27.56 |
| 1032 | 23.6 | 6.78 | 1691 | 33 | 0.18 | 38.2 | 1800 | 27.56 |
| 1035 | 23.6 | 6.78 | 1692 | 36 | 0.18 | 38.6 | 2400 | 27.56 |
| 1038 | 23.7 | 6.77 | 1692 | 34 | 0.18 | 38.9 | 3000 | 27.56 |
| 1041 | 23.7 | 6.77 | 1694 | 33 | 0.17 | 39.1 | 3600 | 27.56 |
| — ALL PARAMETERS STABLE; Collect Sample | | | | | | | | |
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Did well dewater? Yes No

Amount actually evacuated: 3600 mL

Sampling Time: 1042 Sampling Date: 10/8/10

Sample I.D.: GMMW-12 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, TPHs

Equipment Blank I.D.: @ _____ Time _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|-----------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP Newark |
| Sampler: M. Hansen | Gauging Date: 10/5/10 |
| Well I.D.: GMW 15 | Well Diameter (in.): 2 3 (4) 6 8 |
| Total Well Depth (ft.): 49.56 | Depth to Water (ft.): 29.36 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0820 Flow Rate: 700 mL/min (25.50) Pump Depth: 39.4'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|------------------|------|------------------------|------------------|-------------|----------|-----------------------------|----------------------|
| 0823 | 20.6 | 7.34 | 985 | 10 | 0.50 | 553 | 600 | 29.36 |
| 0826 | 21.1 | 6.73 | 1001 | 6 | 0.69 | 32.2 | 1200 | 29.36 |
| 0829 | 21.3 | 6.76 | 1006 | 4 | 0.71 | 16.3 | 1800 | 29.36 |
| 0832 | 21.2 | 6.77 | 1007 | 4 | 0.68 | 7.8 | 2400 | 29.36 |
| 0835 | 21.2 | 6.77 | 1007 | 4 | 0.68 | 6.9 | 3000 | 29.36 |
| 0838 | 21.2 | 6.76 | 1008 | 4 | 0.67 | 6.6 | 3600 | 29.36 |
| — All Parameters Stable; Collect Sample — | | | | | | | | |
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Did well dewater? Yes No

Amount actually evacuated: 3600 mL

Sampling Time: 0839 Sampling Date: 10/5/10

Sample I.D.: GMW 15 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VET'S, TPH'S

Equipment Blank I.D.: @ _____ Duplicate I.D.: GMW-15dup

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|-----------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFWSP NEWARK |
| Sampler: MATOUSEL | Gauging Date: 10/5/10 |
| Well I.D.: GMW-16 | Well Diameter (in.): 2 3 (4) 6 8 |
| Total Well Depth (ft.): 49.77 | Depth to Water (ft.): 30.12 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1019 Flow Rate: 200 mL/min (2550) Pump Depth: 39.9

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|---------------------------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1017 | 21.6 | 7.37 | 956 | 11 | 0.30 | -124.9 | 600 | 30.16 |
| 1020 | 21.6 | 7.36 | 957 | 10 | 0.22 | -138.2 | 1200 | 30.16 |
| 1023 | 21.6 | 7.39 | 957 | 10 | 0.21 | -140.1 | 1800 | 30.16 |
| 1026 | 21.5 | 7.40 | 957 | 10 | 0.19 | -147.3 | 2400 | 30.16 |
| 1029 | 21.5 | 7.40 | 959 | 9 | 0.18 | -143.6 | 3000 | 30.16 |
| 1032 | 21.5 | 7.41 | 959 | 9 | 0.18 | -143.9 | 3600 | 30.16 |
| — | ALL PARAMETERS STABLE; collect sample | | | | | | | |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3600 mL |
| Sampling Time: 1033 | Sampling Date: 10/5/10 |
| Sample I.D.: GMW-16 | Laboratory: PARSONS |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: VOC'S, TPH |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------------|---|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP Newark |
| Sampler: <u>W.H. House</u> | Gauging Date: 10/5/10 |
| Well I.D.: <u>GMW-17</u> | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): <u>48.68</u> | Depth to Water (ft.): <u>27.57</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>1/2" 53e</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1050 Flow Rate: 200 mL/min Pump Depth: 38.1

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---------------------------------------|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1053 | 23.6 | 6.73 | 1198 | 33 | 0.89 | -115.1 | 600 | 27.61 |
| 1056 | 23.4 | 6.78 | 1201 | 10 | 0.74 | -117.2 | 1200 | 27.61 |
| 1059 | 23.8 | 6.79 | 1199 | 7 | 0.72 | -118.6 | 1800 | 27.61 |
| 1102 | 23.8 | 6.78 | 1200 | 7 | 0.69 | -120.3 | 2400 | 27.61 |
| 1105 | 23.8 | 6.78 | 1200 | 7 | 0.69 | -121.8 | 3000 | 27.61 |
| 1108 | 23.7 | 6.78 | 1202 | 7 | 0.66 | -122.0 | 3600 | 27.61 |
| A/C PARAMETERS STABLE; collect sample | | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 3600 mL

Sampling Time: 1109 Sampling Date: 10/5/10

Sample I.D.: GMW-17 Laboratory: PARSONS

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCS; TPHS

Equipment Blank I.D.: @ _____ Duplicate I.D.: GMW-17dup

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------------|---|
| Project #: <u>10104-MH1</u> | Client: <u>PARSONS @ DFSP NORWALK</u> |
| Sampler: <u>M. HANSEN</u> | Gauging Date: <u>10/6/10</u> |
| Well I.D.: <u>G.M.W. 19</u> | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): <u>49.21</u> | Depth to Water (ft.): <u>29.50</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>(PVC)</u> Grade | Flow Cell Type: <u>YSI 536</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1169 Flow Rate: 200 mL/min Pump Depth: 39.3

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|------------------|------|------------------------|------------------|-------------|----------|-----------------------------|----------------------|
| 1112 | 24.0 | 7.13 | 985 | 11 | 1.25 | 66.5 | 600 | 29.54 |
| 1115 | 23.9 | 7.21 | 985 | 9 | 1.22 | 60.3 | 1200 | 29.54 |
| 1118 | 24.0 | 7.23 | 986 | 8 | 1.24 | 58.6 | 1800 | 29.55 |
| 1121 | 24.0 | 7.23 | 986 | 8 | 1.24 | 57.9 | 2400 | 29.55 |
| 1124 | 24.0 | 7.23 | 986 | 7 | 1.23 | 56.4 | 3000 | 29.55 |
| 1127 | 24.0 | 7.24 | 987 | 7 | 1.24 | 56.3 | 3600 | 29.55 |
| - ALL PARAMETERS STABLE. COLLECT SAMPLE - | | | | | | | | |
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| Did well dewater? Yes <u>(No)</u> | Amount actually evacuated: <u>3600 mL</u> |
| Sampling Time: <u>1128</u> | Sampling Date: <u>10/6/10</u> |
| Sample I.D.: <u>G.M.W. 19</u> | Laboratory: <u>CALSILCO</u> |
| Analyzed for: TPH-G BTEX MTBE TPH-D Other: <u>VOCS, TPHS</u> | |
| Equipment Blank I.D.: @ Duplicate I.D.: | |

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|-----------------------------------|
| Project #: 1010011-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. HUNZEL | Gauging Date: 10/8/10 |
| Well I.D.: GML 31 | Well Diameter (in.): 2 3 (4) 6 8 |
| Total Well Depth (ft.): 64.77 | Depth to Water (ft.): 29.23 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0735 Flow Rate: 200 mL/min Pump Depth: 47

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0736 | 21.3 | 7.22 | 1066 | 4 | 0.92 | -67.3 | 600 | 29.21 |
| 0739 | 21.4 | 7.21 | 1065 | 4 | 0.69 | -95.8 | 1200 | 29.26 |
| 0742 | 21.4 | 7.71 | 1065 | 4 | 0.48 | -96.2 | 1800 | 29.26 |
| 0745 | 21.4 | 7.19 | 1062 | 4 | 0.25 | -99.9 | 2400 | 29.26 |
| 0748 | 21.4 | 7.19 | 1062 | 4 | 0.25 | -100.2 | 3000 | 29.26 |
| 0751 | 21.4 | 7.19 | 1061 | 4 | 0.26 | -100.8 | 3600 | 29.26 |
| — ALL PARAMETERS STABLE; collect sample | | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 3600 mL

Sampling Time: 0752 Sampling Date: 10/8/10

Sample I.D.: GML 31 Laboratory: CALSCLORCO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

| | |
|-------------------------------|-----------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP Nowak |
| Sampler: M. Hume | Gauging Date: 10/7/10 |
| Well I.D.: Gmw-32 | Well Diameter (in.): 2 3 (4) 6 8 |
| Total Well Depth (ft.): 51.61 | Depth to Water (ft.): 27.12 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0757 Flow Rate: 700 mL/min Pump Depth: (20-50)

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0755 | 22.5 | 6.70 | 1074 | 8 | 0.46 | -88.5 | 600 | 27.14 |
| 0758 | 22.6 | 6.66 | 1078 | 7 | 0.52 | -96.6 | 1200 | 27.17 |
| 0801 | 22.5 | 6.66 | 1079 | 5 | 0.24 | -99.0 | 1800 | 27.19 |
| 0804 | 22.5 | 6.67 | 1081 | 5 | 0.23 | -101.2 | 2400 | 27.19 |
| 0807 | 22.5 | 6.67 | 1081 | 5 | 0.22 | -102.3 | 3000 | 27.19 |
| 0810 | 22.5 | 6.67 | 1081 | 5 | 0.22 | -102.8 | 3600 | 27.19 |
| — ALL PARAMETERS STABLE; COLLECT SAMPLE — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0811 Sampling Date: 10/7/10

Sample I.D.: Gmw-32 Laboratory: PARSONS @

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S: TPH'S

Equipment Blank I.D.: @ Duplicate I.D.: Gmw-32dup

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP numeric |
| Sampler: M-Hansen | Gauging Date: 10/6/10 |
| Well I.D.: GMW 41 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 49.61 | Depth to Water (ft.): 27.21 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 536 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1351 Flow Rate: 200 mL/min Pump Depth: 38.4

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Wat (ft.) |
|------|--|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-----------------------|
| 1354 | 21.3 | 7.13 | 1385 | 6 | 0.84 | 0.9 | 600 | 27.24 |
| 1357 | 21.3 | 7.08 | 1381 | 6 | 0.92 | -10.0 | 1200 | 27.27 |
| 1400 | 21.3 | 7.07 | 1381 | 6 | 0.89 | -9.6 | 1800 | 27.29 |
| 1403 | 21.3 | 7.07 | 1381 | 5 | 0.88 | -9.3 | 2400 | 27.29 |
| 1406 | 21.3 | 7.07 | 1380 | 5 | 0.84 | -9.1 | 3000 | 27.29 |
| 1409 | 21.2 | 7.07 | 1380 | 5 | 0.82 | -9.1 | 3600 | 27.29 |
| — | ALL PARAMETERS STABLE ; collect sample | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1410 Sampling Date: 10/6/10

Sample I.D.: GMW 41 Laboratory: CALSILCO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S; TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MA1 | Client: PARSONS @ DFGP NORWALK |
| Sampler: MTH 2 | Gauging Date: 10/8/10 |
| Well I.D.: GMLW-43 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 50.22 | Depth to Water (ft.): 27.33 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 55L</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0856 Flow Rate: 700 mL/min Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|-----------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0901 | 27.9 | 7.16 | 685 | 10 | 0.58 | -35.6 | 600 | 27.34 |
| 0904 | 27.9 | 7.03 | 679 | 7 | 0.36 | 13.8 | 1200 | 27.37 |
| 0907 | 27.9 | 6.95 | 678 | 6 | 0.28 | -1.1 | 1800 | 27.39 |
| 0910 | 27.9 | 6.94 | 678 | 6 | 0.28 | -6.7 | 2400 | 27.39 |
| 0913 | 27.8 | 6.94 | 677 | 6 | 0.27 | -7.1 | 3000 | 27.39 |
| 0916 | 27.8 | 6.94 | 677 | 6 | 0.27 | -7.7 | 3600 | 27.39 |
| — | ALL PARAMETERS STABLE | | | Collect Sample | — | — | — | — |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0917 Sampling Date: 10/8/10

Sample I.D.: GMLW-43 Laboratory: VOC'S

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-VH1 | Client: PARSONS @ NFSI NORWALK |
| Sampler: M.H. / M.O. | Gauging Date: 10/8/10 |
| Well I.D.: G.M.W. 44 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 49.81 | Depth to Water (ft.): 27.34 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

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|-----------------------------------|-----------------------|--------------|
| Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump |
| Sampling Method: Dedicated Tubing | New Tubing | Other |
| Start Purge Time: 0951 | Flow Rate: 700 ml/min | Pump Depth: |

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to Wat (ft.) |
|--|---------------------|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|-----------------------|
| 0951 | 22.8 | 7.01 | 901 | 16 | 0.66 | -2.3 | 600 | 27.34 |
| 0957 | 22.9 | 7.01 | 906 | 8 | 0.46 | -35.0 | 1200 | 27.34 |
| 1000 | 22.9 | 7.00 | 905 | 7 | 0.40 | -36.3 | 1800 | 27.36 |
| 1003 | 22.8 | 6.99 | 905 | 5 | 0.39 | -36.9 | 2400 | 27.36 |
| 1006 | 22.8 | 6.98 | 904 | 5 | 0.39 | -37.0 | 3000 | 27.36 |
| 1009 | 22.8 | 6.99 | 904 | 5 | 0.39 | -37.5 | 3600 | 27.36 |
| — ALL PARAMETERS STABLE ; collect sample — | | | | | | | | |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 3600 ml |
| Sampling Time: 1010 | Sampling Date: 10/8/10 |
| Sample I.D.: G.M.W. 44 | Laboratory: CALSCLENCE |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: VOC'S ; TP110 |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: W.H. Huse | Gauging Date: 10/7/10 |
| Well I.D.: G.M.W. 45 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 119.63 | Depth to Water (ft.): 28.44 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>VSI SSL</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1401 Flow Rate: 100 mL/min Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to Wat (ft.) |
|------|---------------------------------------|------|--------------------------------------|---------------------|----------------|-------------|--|-----------------------|
| 1404 | 22.3 | 6.94 | 1564 | 11 | 0.19 | -99.3 | 600 | 28.47 |
| 1407 | 22.3 | 6.87 | 1559 | 9 | 0.17 | -102.2 | 1200 | 28.47 |
| 1410 | 22.4 | 7.17 | 1554 | 8 | 0.25 | -106.0 | 1800 | 28.47 |
| 1413 | 22.3 | 7.24 | 1549 | 7 | 0.27 | -108.8 | 2400 | 28.47 |
| 1416 | 22.3 | 7.24 | 1548 | 6 | 0.25 | -109.3 | 3000 | 28.47 |
| 1419 | 22.4 | 7.25 | 1548 | 6 | 0.25 | -109.2 | 3600 | 28.47 |
| — | ALL PARAMETERS STABLE; collect sample | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1420 Sampling Date: 10/7/10

Sample I.D.: G.M.W. 45 Laboratory: CALSILCO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S; TPH

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|-----------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. Hancz | Gauging Date: 10/6/10 |
| Well I.D.: Gmw 47 | Well Diameter (in.): 2 3 (4) 6 8 |
| Total Well Depth (ft.): 50.33 | Depth to Water (ft.): 28.68 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: YS1556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0730 Flow Rate: 200 mL/min Pump Depth: 39.3'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0733 | 21.9 | 6.89 | 1991 | 7 | 1.93 | -111.7 | 600 | 28.73 |
| 0736 | 22.3 | 6.69 | 1988 | 6 | 0.78 | -118.9 | 1200 | 28.73 |
| 0739 | 22.2 | 6.68 | 1980 | 4 | 0.64 | -120.6 | 1800 | 28.73 |
| 0742 | 22.3 | 6.66 | 1981 | 4 | 0.52 | -122.0 | 2400 | 28.73 |
| 0745 | 22.3 | 6.67 | 1980 | 4 | 0.51 | -122.4 | 3000 | 28.73 |
| 0748 | 22.3 | 6.67 | 1980 | 4 | 0.51 | -123.2 | 3600 | 28.73 |
| — ALL PARAMETERS STABLE; COLLECT SAMPLE — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0749 Sampling Date: 10/6/10

Sample I.D.: Gmw 47 Laboratory: CALSCLCO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S ; TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. H. Zeman | Gauging Date: 10/6/10 |
| Well I.D.: GMLW-57 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 53.61 | Depth to Water (ft.): 29.56 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: VSI 550 |

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|-----------------------------------|------------------------------|--------------------------|
| Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump |
| Sampling Method: Dedicated Tubing | New Tubing | Other |
| Start Purge Time: <u>0808</u> | Flow Rate: <u>200 ml/min</u> | Pump Depth: <u>41.5'</u> |

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to Wat (ft.) |
|------|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-----------------------|
| 0811 | 22.0 | 7.29 | 1123 | 10 | 0.94 | -59.3 | 600 | 29.59 |
| 0814 | 22.2 | 7.32 | 1145 | 9 | 0.68 | -70.0 | 1200 | 29.59 |
| 0817 | 22.3 | 7.33 | 1151 | 7 | 0.70 | -75.3 | 1800 | 29.59 |
| 0820 | 22.5 | 7.31 | 1156 | 3 | 0.67 | -76.0 | 2400 | 29.59 |
| 0823 | 22.5 | 7.32 | 1159 | 3 | 0.66 | -76.7 | 3000 | 29.59 |
| 0826 | 22.4 | 7.31 | 1160 | 3 | 0.66 | -76.7 | 3600 | 29.59 |
| - | ALL PARAMETERS | | STABLE | Collect | Sample | --- | | |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: <u>3600 ml</u> |
| Sampling Time: <u>0827</u> | Sampling Date: <u>10/6/10</u> |
| Sample I.D.: GMLW-57 | Laboratory: CALSCIENCE |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: VOC'S; TPH'S |
| Equipment Blank I.D.: @ | Duplicate I.D.: GMLW-57 dup |

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 10K04-MH1 | Client: PARSONS @ DFSP Newark |
| Sampler: M. House | Gauging Date: 10/6/10 |
| Well I.D.: Gmw-5E | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 51.29 | Depth to Water (ft.): 27.40 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 532</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1047 Flow Rate: 200 mL/min Pump Depth: 40.8'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1050 | 22.5 | 7.28 | 1148 | 6 | 0.57 | -110.0 | 600 | 27.46 |
| 1053 | 22.5 | 7.26 | 1148 | 4 | 0.59 | -111.6 | 1200 | 27.49 |
| 1056 | 22.5 | 7.28 | 1145 | 3 | 0.70 | -115.8 | 1800 | 27.50 |
| 1059 | 22.5 | 7.28 | 1144 | 3 | 0.68 | -118.7 | 2400 | 27.50 |
| 1102 | 22.5 | 7.28 | 1145 | 3 | 0.68 | -119.4 | 3000 | 27.50 |
| 1105 | 22.5 | 7.28 | 1145 | 3 | 0.69 | -119.7 | 3600 | 27.50 |
| — ALL PARAMETERS STABLE; collect sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL
 Sampling Time: 1106 Sampling Date: 10/6/10
 Sample I.D.: Gmw-5E Laboratory: CALSCIENCE
 Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's ; TPH-D
 Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MTH | Client: PARSONS @ DFSP ROWACK |
| Sampler: M.H. / [unclear] | Gauging Date: 10/6/10 |
| Well I.D.: GMW 59 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 54.37 | Depth to Water (ft.): 26.65 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YS155L |

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| Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump |
| Sampling Method: Dedicated Tubing | New Tubing | Other |
| Start Purge Time: 1127 | Flow Rate: 200 mL/min | (20-55) Pump Depth: 40.5' |

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1130 | 21.6 | 6.89 | 1445 | 21 | 1.98 | -124.3 | 600 | 26.69 |
| 1133 | 21.7 | 6.87 | 1454 | 11 | 1.41 | -135.2 | 1200 | 26.69 |
| 1136 | 21.9 | 6.85 | 1456 | 9 | 1.31 | -146.3 | 1800 | 26.69 |
| 1139 | 21.8 | 6.85 | 1454 | 7 | 0.94 | -150.1 | 2400 | 26.69 |
| 1142 | 21.8 | 6.85 | 1453 | 6 | 0.86 | -151.1 | 3000 | 26.69 |
| 1145 | 21.7 | 6.85 | 1453 | 6 | 0.86 | -153.3 | 3600 | 26.69 |
| 1148 | 21.7 | 6.85 | 1452 | 6 | 0.84 | -153.7 | 4200 | 26.69 |
| — ALL PARAMETERS STABLE; collect sample — | | | | | | | | |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: 4200 mL |
| Sampling Time: 1149 | Sampling Date: 10/6/10 |
| Sample I.D.: GMW 59 | Laboratory: CALSCIENCE |
| Analyzed for: <u>TPH-G</u> BTEX MTBE TPH-D | Other: VOC'S, TPH'S |
| Equipment Blank I.D.: @ | Duplicate I.D.: GMW-59 dup |

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|-----------------------------------|
| Project #: 106001-M11 | Client: PARSONS @ DFGP NORWALK |
| Sampler: M. Hanz | Gauging Date: 10/6/10 |
| Well I.D.: GMLW-60 | Well Diameter (in.): 2 3 (4 6 8) |
| Total Well Depth (ft.): 39.92 | Depth to Water (ft.): 28.88 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1253 Flow Rate: 200 mL/min Pump Depth: 34.3'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Wat (ft.) |
|------|--|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-----------------------|
| 1256 | 21.9 | 6.98 | 2333 | 16 | 0.98 | -117.8 | 600 | 28.88 |
| 1259 | 21.9 | 6.95 | 2333 | 10 | 0.95 | -119.2 | 1200 | 28.88 |
| 1302 | 22.0 | 6.92 | 2338 | 7 | 0.80 | -121.7 | 1800 | 28.88 |
| 1305 | 21.9 | 6.92 | 2338 | 6 | 0.79 | -121.9 | 2400 | 28.88 |
| 1308 | 21.9 | 6.92 | 2337 | 6 | 0.79 | -122.1 | 3000 | 28.88 |
| 1311 | 21.8 | 6.91 | 2337 | 6 | 0.78 | -122.3 | 3600 | 28.88 |
| — | All PARAMETERS SAMPLED; collect Sample — | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1312 Sampling Date: 10/6/10

Sample I.D.: GMLW 60 Laboratory: PARSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S; TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP Newark |
| Sampler: M. H. [unclear] | Gauging Date: 10/6/10 |
| Well I.D.: GMLW-61 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 4100 | Depth to Water (ft.): 28.14 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1214 Flow Rate: 200 mL/min Pump Depth: 35 (30-40)

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1217 | 22.1 | 7.14 | 2086 | 7 | 0.90 | -154.0 | 600 | 28.14 |
| 1220 | 22.2 | 7.12 | 2065 | 5 | 0.79 | -168.8 | 1200 | 28.14 |
| 1223 | 22.3 | 7.12 | 2065 | 5 | 0.75 | -171.2 | 1800 | 28.14 |
| 1226 | 22.3 | 7.10 | 2055 | 4 | 0.65 | -171.9 | 2400 | 28.14 |
| 1229 | 22.3 | 7.11 | 2057 | 4 | 0.66 | -171.2 | 3000 | 28.14 |
| 1232 | 22.2 | 7.11 | 2057 | 4 | 0.66 | -171.4 | 3600 | 28.14 |
| — ALL PARAMETERS STABLE; Collect Sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1233 Sampling Date: 10/6/10

Sample I.D.: GMLW-61 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, TPHs

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---|---|
| Project #: 101004-MH1 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: <u>M. Hansen</u> | Gauging Date: 10/5/10 |
| Well I.D.: <u>GMLW 62</u> | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): <u>39.88</u> | Depth to Water (ft.): <u>29.00</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>(PVE)</u> Grade | Flow Cell Type: <u>YS155L</u> |

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| Purge Method: | <input checked="" type="checkbox"/> 2" Grundfos Pump | <input type="checkbox"/> Peristaltic Pump | <input checked="" type="checkbox"/> Bladder Pump |
| Sampling Method: | <input checked="" type="checkbox"/> Dedicated Tubing | <input type="checkbox"/> New Tubing | <input type="checkbox"/> Other |
| Start Purge Time: <u>1133</u> | Flow Rate: <u>200 mL/min</u> | Pump Depth: <u>39.4'</u> | |

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>μS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>ml</u>) | Depth to Water (ft.) |
|------|---------------------------------------|------|--------------------------------------|---------------------|----------------|-------------|--|-------------------------|
| 1136 | 20.7 | 7.21 | 2525 | 6 | 1.23 | -282.8 | 600 | 29.02 |
| 1139 | 20.7 | 6.95 | 2539 | 4 | 0.67 | -311.8 | 1200 | 29.02 |
| 1142 | 20.7 | 6.73 | 2542 | 3 | 0.67 | -316.8 | 1800 | 29.02 |
| 1145 | 20.7 | 6.72 | 2551 | 3 | 0.66 | -316.2 | 2400 | 29.02 |
| 1148 | 20.7 | 6.71 | 2551 | 3 | 0.68 | -319.6 | 3000 | 29.02 |
| 1151 | 20.7 | 6.71 | 2552 | 3 | 0.68 | -321.3 | 3600 | 29.02 |
| — | ALL PARAMETERS STABLE; collect sample | | | | | | — | |
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| Did well dewater? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | Amount actually evacuated: <u>3600 mL</u> |
| Sampling Time: <u>1152 (SHEEN)</u> | Sampling Date: <u>10/5/10</u> |
| Sample I.D.: <u>GMLW 62</u> | Laboratory: <u>CALSICORE</u> |
| Analyzed for: <input checked="" type="checkbox"/> TPH-G BTEX MTBE TPH-D | Other: <u>VOC'S; TPH</u> |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|-----------------------------------|
| Project #: 101001-MH1 | Client: PARSONS @ DISP NORWALK |
| Sampler: <i>M. Hume</i> | Gauging Date: 10/5/10 |
| Well I.D.: Gmw-63 | Well Diameter (in.): 2 3 4 6 8 |
| Total Well Depth (ft.): 40.19 | Depth to Water (ft.): 30.11 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>VSI SSL</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1344 Flow Rate: 700 mL/min Pump Depth: 35'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|---------------------------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1347 | 18.7 | 7.30 | 1543 | 8 | 1.17 | -53.3 | 600 | 30.11 |
| 1350 | 19.0 | 7.17 | 1572 | 6 | 0.82 | -63.1 | 1200 | 30.11 |
| 1353 | 19.0 | 7.00 | 1581 | 4 | 0.80 | -64.1 | 1800 | 30.11 |
| 1356 | 19.0 | 6.92 | 1582 | 4 | 0.77 | -65.6 | 2400 | 30.11 |
| 1359 | 19.0 | 6.93 | 1582 | 4 | 0.76 | -66.1 | 3000 | 30.11 |
| 1402 | 19.0 | 6.94 | 1581 | 4 | 0.76 | -66.7 | 3600 | 30.11 |
| — | ALL PARAMETERS STABLE, COLLECT SAMPLE | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1403 Sampling Date: 10/5/10

Sample I.D.: Gmw-63 Laboratory: CAL SCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S; TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. Hines | Gauging Date: 10/5/10 |
| Well I.D.: GMLW 64 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 40.00 | Depth to Water (ft.): 28.72 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 550 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 1255 Flow Rate: 200 ml/min Pump Depth: _____

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|---|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1301 | 19.2 | 7.36 | 1790 | 4 | 1.70 | -112.7 | 600 | 28.74 |
| 1304 | 19.2 | 7.12 | 1790 | 4 | 0.98 | -109.7 | 1200 | 28.74 |
| 1307 | 19.1 | 7.01 | 1792 | 4 | 0.82 | -92.5 | 1800 | 28.74 |
| 1310 | 19.1 | 6.99 | 1792 | 4 | 0.74 | -92.1 | 2400 | 28.74 |
| 1313 | 19.1 | 6.98 | 1793 | 3 | 0.74 | -91.8 | 3000 | 28.74 |
| 1316 | 19.2 | 6.98 | 1793 | 3 | 0.76 | -91.3 | 3600 | 28.74 |
| — | ALL PARAMETERS STABLE; Collect Sample — | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 3600

Sampling Time: 1317 Sampling Date: 10/5/10

Sample I.D.: GMLW 64 Laboratory: PARSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCS, TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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| Project #: 101004-MH1 | Client: PARSONS @ DFSP Nowack |
| Sampler: <u>W.H. [unclear]</u> | Gauging Date: 10/5/10 |
| Well I.D.: <u>GMLW-65</u> | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): <u>40.64</u> | Depth to Water (ft.): <u>29.28</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>34.9</u> <u>1/51</u> <u>556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1219 Flow Rate: 200 ml/min NO ME Pump Depth: 34.9

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to Water (ft.) |
|------|---------------------------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1222 | 20.3 | 7.37 | 3039 | 16 | 1.58 | -2034 | 600 | 29.31 |
| 1225 | 20.2 | 7.46 | 3040 | 10 | 1.12 | -2069 | 1200 | 29.31 |
| 1228 | 20.2 | 7.29 | 3040 | 8 | 1.09 | -2095 | 1800 | 29.31 |
| 1231 | 20.3 | 7.24 | 3043 | 7 | 0.89 | -210.6 | 2400 | 29.31 |
| 1234 | 20.3 | 7.24 | 3043 | 7 | 0.88 | -211.3 | 3000 | 29.31 |
| 1237 | 20.3 | 7.24 | 3044 | 7 | 0.88 | -211.8 | 3600 | 29.31 |
| - | ALL PARAMETERS STABLE; COLLECT SAMPLE | | | | | | | |
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Did well dewater? Yes (No) Amount actually evacuated: 3600 ml
 Sampling Time: 1238 Sampling Date: 10/5/10
 Sample I.D.: GMLW65 Laboratory: CALSCECO
 Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S TPHS
 Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. HOUSEK | Gauging Date: 10/6/10 |
| Well I.D.: Gmw 66 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 39.99 | Depth to Water (ft.): 29.98 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 532</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____

Start Purge Time: 0924 Flow Rate: 200 mL/min ^{NO INFO} Pump Depth: 34.9'

| Time | Temp. (<u>C</u> or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|---------------------------------------|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0927 | 21.6 | 7.06 | 1622 | 11 | 0.77 | 47.9 | 600 | 29.90 |
| 0930 | 21.7 | 7.11 | 1623 | 8 | 0.76 | 48.0 | 1200 | 29.91 |
| 0933 | 21.7 | 7.11 | 1625 | 6 | 0.69 | 49.3 | 1800 | 29.93 |
| 0936 | 21.7 | 7.11 | 1626 | 6 | 0.68 | 49.6 | 2400 | 29.93 |
| 0939 | 21.7 | 7.11 | 1626 | 6 | 0.68 | 49.7 | 3000 | 29.93 |
| 0942 | 21.6 | 7.11 | 1627 | 6 | 0.68 | 49.7 | 3600 | 29.93 |
| — | ALL PARAMETERS SAME; Collect Sample — | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0943 Sampling Date: 10/6/10

Sample I.D.: Gmw-66 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: _____

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 1010041-MH1 | Client: PARSONS @ DTSP Newark |
| Sampler: M. Hance | Gauging Date: 10/5/10 |
| Well I.D.: Gw 6 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 61.63 | Depth to Water (ft.): 29.52 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVD</u> Grade | Flow Cell Type: <u>YS155L</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0931 Flow Rate: 200 mL/min Pump Depth: 44.7'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|---------------------------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0937 | 21.1 | 7.23 | 660 | 8 | 0.42 | -52.2 | 600 | 29.54 |
| 0940 | 21.1 | 7.20 | 659 | 6 | 0.41 | -52.5 | 1200 | 29.56 |
| 0943 | 21.3 | 7.24 | 669 | 4 | 0.31 | -56.1 | 1800 | 29.56 |
| 0946 | 21.3 | 7.14 | 670 | 4 | 0.30 | -56.2 | 2400 | 29.56 |
| 0949 | 21.3 | 7.16 | 671 | 4 | 0.30 | -56.4 | 3000 | 29.56 |
| 0952 | 21.3 | 7.16 | 671 | 4 | 0.30 | -56.7 | 3600 | 29.56 |
| — | ALL PARAMETERS STABLE; Collect Sample | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0953 Sampling Date: 10/5/10

Sample I.D.: Gw 6 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S ; TPH-D

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------------------|-----------------------------------|
| Project #: 100 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. Hunsu | Gauging Date: 10/6/10 |
| Well I.D.: MW-13 | Well Diameter (in.): 2 3 (4) 6 8 |
| Total Well Depth (ft.): 52.26 | Depth to Water (ft.): 31.74 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: VSI SSL |

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|-----------------------------------|-----------------------|------------------|
| Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump |
| Sampling Method: Dedicated Tubing | New Tubing | Other |
| Start Purge Time: 0847 | Flow Rate: 200 mL/min | Pump Depth: 39.8 |

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0850 | 21.6 | 7.11 | 1472 | 7 | 0.80 | -8.4 | 600 | 31.77 |
| 0853 | 21.6 | 7.10 | 1472 | 6 | 0.79 | -9.7 | 1200 | 31.77 |
| 0856 | 21.7 | 7.11 | 1475 | 5 | 0.79 | -10.9 | 1800 | 31.77 |
| 0859 | 21.7 | 7.10 | 1473 | 5 | 0.75 | -12.3 | 2400 | 31.77 |
| 0902 | 21.7 | 7.11 | 1473 | 5 | 0.75 | -13.4 | 3000 | 31.77 |
| 0905 | 21.7 | 7.11 | 1474 | 5 | 0.75 | -14.8 | 3600 | 31.77 |
| — All PARAMETERS STABLE; collect Sample | | | | | | | | |
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| Did well dewater? Yes (No) | Amount actually evacuated: 3600 mL |
| Sampling Time: 0907 | Sampling Date: 10/6/10 |
| Sample I.D.: MW-13 | Laboratory: CALSCIENCE |
| Analyzed for: TPH-G BTEX MTBE TPH-D | Other: VOCs; TPHs |
| Equipment Blank I.D.: @ | Duplicate I.D.: |

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: Parsons@DFSP Newark |
| Sampler: M. Hines | Gauging Date: 10/11/10 |
| Well I.D.: MW-14 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 51.88 | Depth to Water (ft.): 31.83 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1021 Flow Rate: 200 mL/min Pump Depth: 31.9'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|--|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1024 | 21.7 | 8.04 | 1434 | 6 | 0.37 | -83.7 | 600 | 31.86 |
| 1027 | 22.0 | 7.89 | 1450 | 4 | 0.28 | -101.2 | 1200 | 31.86 |
| 1030 | 22.0 | 7.79 | 1462 | 4 | 0.89 | -111.7 | 1800 | 31.86 |
| 1033 | 22.0 | 7.78 | 1463 | 4 | 0.91 | -112.2 | 2400 | 31.86 |
| 1036 | 22.1 | 7.77 | 1463 | 4 | 0.92 | -112.3 | 3000 | 31.86 |
| 1039 | 22.0 | 7.77 | 1463 | 4 | 0.92 | -112.9 | 3600 | 31.86 |
| — | Flow Parameters Stable; collect sample | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1040 Sampling Date: 10/11/10

Sample I.D.: MW-14 Laboratory: CalScience

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC's; TPH's

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-M111 | Client: PARSONS @ MFSR NORWACK |
| Sampler: MTH/2m/2L | Gauging Date: 10/7/10 |
| Well I.D.: MW-16 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 51.00 | Depth to Water (ft.): 29.28 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0719 Flow Rate: 200 mL/min Pump Depth: ⁽¹⁸⁻⁴²⁾ 38.6

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0722 | 22.7 | 6.88 | 1214 | 10 | 0.75 | 175.1 | 600 | 29.30 |
| 0725 | 23.2 | 6.75 | 1127 | 7 | 0.48 | -1.9 | 1200 | 29.33 |
| 0728 | 23.3 | 6.78 | 1106 | 5 | 0.34 | -24.9 | 1800 | 29.33 |
| 0731 | 23.4 | 6.74 | 1091 | 4 | 0.23 | -38.3 | 2400 | 29.33 |
| 0734 | 23.4 | 6.76 | 1090 | 4 | 0.23 | -39.2 | 3000 | 29.33 |
| 0737 | 23.4 | 6.76 | 1090 | 4 | 0.24 | -39.8 | 3600 | 29.33 |
| — ALL PARAMETERS STABLE; COLLECT SAMPLE — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0738 Sampling Date: 10/7/10

Sample I.D.: MW-16 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S

Equipment Blank I.D.: @ _____ Time _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP Norwalk |
| Sampler: M. Housler | Gauging Date: 10/6/10 |
| Well I.D.: MW-17 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 52.00 | Depth to Water (ft.): 30.62 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 530 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1005 Flow Rate: 200 mL/min Pump Depth: 39.3 (12.42)

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1008 | 21.5 | 7.12 | 1275 | 9 | 2.69 | 68.3 | 600 | 30.63 |
| 1011 | 21.4 | 7.10 | 1293 | 9 | 2.37 | 71.2 | 1200 | 30.63 |
| 1014 | 21.5 | 7.20 | 1292 | 7 | 2.35 | 72.2 | 1800 | 30.63 |
| 1017 | 21.5 | 7.17 | 1278 | 6 | 2.32 | 74.4 | 2400 | 30.63 |
| 1020 | 21.4 | 7.17 | 1273 | 6 | 2.30 | 74.8 | 3000 | 30.63 |
| 1023 | 21.4 | 7.16 | 1272 | 6 | 2.33 | 74.9 | 3600 | 30.63 |
| — All parameters stable; collect sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1024 Sampling Date: 10/6/10

Sample I.D.: MW-17 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S ; TPH

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---|
| Project #: 101004-MHI | Client: PRESSURE @ DFSP MARIANA |
| Sampler: MHI/ma | Gauging Date: 10/4/10 |
| Well I.D.: MW-22 (M.I.D) | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): 57.56 | Depth to Water (ft.): 34.26 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>eye</u> Grade | Flow Cell Type: <u>VSI 536</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 10:56 Flow Rate: 200 mL/min Pump Depth: (412-52) 431'

| Time | Temp. (C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|--------------------|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1059 | 21.3 | 8.19 | 1996 | 7 | 0.40 | -187.5 | 600 | 34.29 |
| 1102 | 21.6 | 7.98 | 2018 | 6 | 0.20 | -142.9 | 1200 | 34.29 |
| 1105 | 21.6 | 7.91 | 2021 | 5 | 0.30 | -149.7 | 1800 | 34.29 |
| 1108 | 21.6 | 7.87 | 2021 | 5 | 0.46 | -152.6 | 2400 | 34.29 |
| 1111 | 21.7 | 7.87 | 2022 | 5 | 0.47 | -153.1 | 3000 | 34.29 |
| 1114 | 21.7 | 7.86 | 2022 | 5 | 0.47 | -153.7 | 3600 | 34.29 |
| — ALL PARAMETERS STABLE; COLLECT SAMPLE — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1115 Sampling Date: 10/4/10

Sample I.D.: MW-22 (M.I.D) Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S; TPH

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____
Time

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS & DEFSP NORWALK |
| Sampler: M.H.M. | Gauging Date: 10/4/10 |
| Well I.D.: MW-23(MID) | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 57.11 | Depth to Water (ft.): 32.54 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 552 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1406 Flow Rate: 200 ml/min (47.52) Pump Depth: 47'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1409 | 21.8 | 7.29 | 1028 | 8 | 0.35 | -132.6 | 600 | 32.56 |
| 1412 | 22.0 | 7.06 | 1054 | 7 | 0.25 | -155.6 | 1200 | 32.86 |
| 1415 | 22.0 | 6.96 | 1001 | 6 | 0.26 | -162.9 | 1800 | 32.52 |
| 1418 | 22.1 | 6.91 | 1070 | 4 | 0.43 | -170.4 | 2400 | 32.52 |
| 1421 | 22.1 | 6.91 | 1070 | 4 | 0.43 | -171.2 | 3000 | 32.56 |
| 1424 | 22.1 | 6.90 | 1072 | 4 | 0.45 | -172.6 | 3600 | 32.56 |
| — ALL PARAMETERS STABLE; Collect Sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1425 Sampling Date: 10/4/10

Sample I.D.: MW-23(MID) Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MW1 | Client: PARSONS @ DFSP NOWALK |
| Sampler: M. H. [Signature] | Gauging Date: 10/11/10 |
| Well I.D.: MW-24 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 47.16 | Depth to Water (ft.): 31.74 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>151 55le</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0946 Flow Rate: 200 mL/min Pump Depth: 37.8' (14.44)

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mb</u>) | Depth to Water (ft.) |
|------|--|------|--------------------------------------|---------------------|----------------|-------------|--|-------------------------|
| 0949 | 22.0 | 8.42 | 1301 | 8 | 0.42 | -20.2 | 600 | 31.75 |
| 0952 | 22.0 | 8.26 | 1303 | 5 | 0.24 | -22.9 | 1200 | 31.77 |
| 0955 | 22.1 | 8.19 | 1303 | 4 | 0.18 | -25.9 | 1800 | 31.77 |
| 0958 | 22.1 | 8.07 | 1302 | 4 | 0.17 | -26.3 | 2400 | 31.77 |
| 1001 | 22.1 | 8.06 | 1302 | 4 | 0.17 | -27.0 | 3000 | 31.77 |
| 1004 | 22.0 | 8.06 | 1303 | 4 | 0.18 | -27.1 | 3600 | 31.77 |
| — | ALL PARAMETERS STABLE ; collect sample | | | — | — | — | — | — |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1005 Sampling Date: 10/11/10

Sample I.D.: MW-24 Laboratory: CALSCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S; TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP Norwalk |
| Sampler: M. House | Gauging Date: 10/11/10 |
| Well I.D.: MW 25 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 47.16 | Depth to Water (ft.): 32.42 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: 451536 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1129 Flow Rate: 200 ml/min (225-475) Pump Depth: 37.4'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|-----------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1132 | 21.7 | 8.00 | 2285 | 6 | 0.22 | -39.0 | 600 | 32.48 |
| 1135 | 21.8 | 7.96 | 2286 | 4 | 0.37 | -38.2 | 1200 | 32.48 |
| 1138 | 21.8 | 7.93 | 2287 | 4 | 0.48 | -37.5 | 1800 | 32.48 |
| 1141 | 21.8 | 7.88 | 2287 | 4 | 0.39 | -36.6 | 2400 | 32.48 |
| 1144 | 21.8 | 7.87 | 2288 | 4 | 0.39 | -36.2 | 3000 | 32.48 |
| 1147 | 21.8 | 7.87 | 2288 | 4 | 0.38 | -35.9 | 3600 | 32.48 |
| — | ALL PARAMETERS STABLE | | ; collect sample | | — | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 ml

Sampling Time: 1148 Sampling Date: 10/11/10

Sample I.D.: MW 25 Laboratory: CASCIENCO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPHS

Equipment Blank I.D.: @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------------|---|
| Project #: <u>101004-MH1</u> | Client: <u>PARSONS @ DFSP NORWALK</u> |
| Sampler: <u>M.Hen SL</u> | Gauging Date: <u>10/1/10</u> |
| Well I.D.: <u>MW-27</u> | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): <u>52.03</u> | Depth to Water (ft.): <u>31.61</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 536</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1313 Flow Rate: 200 mL/min Pump Depth: 39.8'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1316 | 21.7 | 7.29 | 1767 | 8 | 0.88 | -124.7 | 600 | 31.62 |
| 1319 | 21.8 | 7.38 | 1776 | 6 | 0.78 | -140.0 | 1200 | 31.64 |
| 1322 | 21.8 | 7.38 | 1777 | 6 | 0.80 | -140.6 | 1800 | 31.64 |
| 1325 | 21.8 | 7.21 | 1776 | 5 | 0.98 | -145.7 | 2400 | 31.64 |
| 1328 | 21.8 | 7.20 | 1776 | 5 | 0.99 | -146.1 | 3000 | 31.64 |
| 1331 | 21.8 | 7.20 | 1777 | 5 | 0.98 | -147.2 | 3600 | 31.64 |
| — All Parameters Stable; Collect Sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1332 Sampling Date: 10/1/10

Sample I.D.: MW-27 Laboratory: PARSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S; TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------------|---------------------------------------|
| Project #: 101604-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: <u>Whitaker</u> | Gauging Date: <u>10/8/10</u> |
| Well I.D.: <u>GW-2</u> | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): <u>58.53</u> | Depth to Water (ft.): <u>29.30</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI SSL</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: 1236 Flow Rate: 200 ml/min Pump Depth: 43.9'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or ml) | Depth to Wat (ft.) |
|--|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-----------------------|
| 1239 | 22.5 | 7.30 | 1543 | 10 | 0.20 | -100.3 | 600 | 29.33 |
| 1242 | 22.5 | 6.94 | 1591 | 7 | 0.18 | -106.9 | 1200 | 29.33 |
| 1245 | 22.5 | 6.57 | 1595 | 6 | 0.18 | -107.2 | 1800 | 29.33 |
| 1248 | 22.5 | 6.55 | 1601 | 5 | 0.18 | -109.2 | 2400 | 29.33 |
| 1251 | 22.5 | 6.56 | 1606 | 5 | 0.19 | -109.2 | 3000 | 29.33 |
| 1254 | 22.4 | 6.56 | 1606 | 5 | 0.19 | -109.5 | 3600 | 29.33 |
| <u>— ALL PARAMETERS STABLE; collect sample —</u> | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 ml

Sampling Time: 1255 Sampling Date: 10/8/10

Sample I.D.: GW-2 Laboratory: Cal Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S ; TPH'S

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---------------------------------------|
| Project #: 101004-MH11 | Client: Parsons @ DSP NORWALK |
| Sampler: M. H. Moore | Gauging Date: 10/8/10 |
| Well I.D.: GW-13 | Well Diameter (in.): 2 3 4 <u>6</u> 8 |
| Total Well Depth (ft.): 46.00 | Depth to Water (ft.): 30.22 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: VS1556 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1154 Flow Rate: 200 ml/min Pump Depth: 48.1'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1157 | 23.5 | 7.11 | 1859 | 6 | 0.56 | -78.4 | 600 | 30.26 |
| 1200 | 23.5 | 7.09 | 1871 | 5 | 0.53 | -80.0 | 1200 | 30.26 |
| 1203 | 23.4 | 7.05 | 1922 | 5 | 0.41 | -91.3 | 1800 | 30.27 |
| 1206 | 23.4 | 7.05 | 1923 | 4 | 0.38 | -92.2 | 2400 | 30.27 |
| 1209 | 23.4 | 7.05 | 1918 | 4 | 0.37 | -93.1 | 3000 | 30.27 |
| 1211 | 23.4 | 7.04 | 1916 | 4 | 0.35 | -93.6 | 3600 | 30.27 |
| — ALL PARAMETERS STABLE: collect sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1212 Sampling Date: 10/8/10

Sample I.D.: GW-13 Laboratory: CALSICO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs, TPHs

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|---------------------------------|---|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. H. [Signature] | Gauging Date: 10/8/10 |
| Well I.D.: GW-16 | Well Diameter (in.): 2 3 4 <u>(6)</u> 8 |
| Total Well Depth (ft.): 61.30 | Depth to Water (ft.): 29.65 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 552 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated (Circled) Tubing New Tubing Other _____
 Start Purge Time: 1316 Flow Rate: 200 mL/min no ink Pump Depth: 45.4

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|--|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1319 | 22.9 | 7.49 | 1640 | 8 | 0.29 | -70.6 | 600 | 29.66 |
| 1322 | 22.9 | 7.46 | 1645 | 6 | 0.31 | -71.5 | 1200 | 29.68 |
| 1326 | 22.9 | 7.29 | 1694 | 5 | 0.21 | -79.0 | 1800 | 29.71 |
| 1328 | 22.9 | 7.19 | 1702 | 5 | 0.20 | -80.2 | 2400 | 29.71 |
| 1331 | 22.9 | 7.18 | 1706 | 5 | 0.21 | -80.6 | 3000 | 29.71 |
| 1334 | 22.9 | 7.18 | 1708 | 5 | 0.21 | -80.7 | 3600 | 29.71 |
| — ALL PARAMETERS STABLE ; collect sample — | | | | | | | | |
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Did well dewater? Yes (NO) Amount actually evacuated: 3600
 Sampling Time: 1338 Sampling Date: 10/8/10
 Sample I.D.: GW-16 Laboratory: CALSCIENCE
 Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S RPPLS
 Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|-----------------------------------|
| Project #: 101004-MH1 | Client: PARSONS@DFSP NORWALK |
| Sampler: M.H. 12 | Gauging Date: 10/20/10 |
| Well I.D.: PZ-3 | Well Diameter (in.): (2) 3 4 6 8 |
| Total Well Depth (ft.): 57.21 | Depth to Water (ft.): 28.74 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: (PVC) Grade | Flow Cell Type: VSI 55L |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0810 Flow Rate: 200 mL/min Pump Depth: 39.9

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0813 | 23.3 | 6.71 | 1070 | 7 | 0.13 | -78.3 | 600 | 28.77 |
| 0816 | 23.5 | 6.73 | 1067 | 6 | 0.30 | -81.4 | 1200 | 28.81 |
| 0819 | 23.5 | 6.73 | 1063 | 4 | 0.35 | -83.2 | 1800 | 28.83 |
| 0822 | 23.4 | 6.74 | 1059 | 4 | 0.33 | -84.5 | 2400 | 28.83 |
| 0823 | 23.4 | 6.74 | 1059 | 4 | 0.31 | -85.1 | 3000 | 28.83 |
| 0826 | 23.4 | 6.73 | 1060 | 4 | 0.31 | -85.7 | 3600 | 28.83 |
| — ALL PARAMETERS STABLE; Collect Sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0827 Sampling Date: 10/20/10

Sample I.D.: PZ-3 Laboratory: CA Science

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCs ; TPHs

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------------|---|
| Project #: <u>101004-MHA</u> | Client: <u>PARSONS @ DFSP NORWALK</u> |
| Sampler: <u>Mittner</u> | Gauging Date: <u>10/7/10</u> |
| Well I.D.: <u>WCU-2</u> | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): <u>53.35</u> | Depth to Water (ft.): <u>28.08</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>VSI SSL</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0910 Flow Rate: 200 mL/min Pump Depth: 39

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or µS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|--|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0913 | 21.7 | 7.17 | 2399 | 7 | 0.25 | 34.6 | 600 | 28.11 |
| 0916 | 21.7 | 7.17 | 2398 | 5 | 0.20 | 28.7 | 1200 | 28.11 |
| 0919 | 21.7 | 7.16 | 2398 | 5 | 0.25 | 26.0 | 1800 | 28.16 |
| 0922 | 21.7 | 7.16 | 2398 | 5 | 0.20 | 23.8 | 2400 | 28.16 |
| 0925 | 21.7 | 7.16 | 2398 | 5 | 0.20 | 22.1 | 3000 | 28.16 |
| 0928 | 21.7 | 7.16 | 2398 | 5 | 0.21 | 22.1 | 3600 | 28.16 |
| — ALL PARAMETERS STABLE ; collect sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0929 Sampling Date: 10/7/10

Sample I.D.: MHA WCU-2 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------------|---|
| Project #: 100 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M. Hense | Gauging Date: 10/7/10 |
| Well I.D.: WCCW-4 | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): 52.00 | Depth to Water (ft.): 31.33 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1030 Flow Rate: 200 mL/min (20.50) Pump Depth: 40.6

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|--------------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1033 | 22.7 | 6.69 | 3400 | 9 | 0.46 | -50.3 | 600 | 31.36 |
| 1036 | 22.5 | 6.73 | 3400 | 6 | 0.31 | -61.3 | 1200 | 31.39 |
| 1039 | 22.4 | 6.74 | 3402 | 6 | 0.34 | -61.9 | 1800 | 31.39 |
| 1042 | 22.3 | 6.76 | 3396 | 6 | 0.29 | -64.6 | 2400 | 31.39 |
| 1045 | 22.3 | 6.78 | 3397 | 6 | 0.27 | -64.8 | 3000 | 31.39 |
| 1048 | 22.3 | 6.78 | 3398 | 6 | 0.26 | -65.2 | 3600 | 31.39 |
| — ALL PARAMETERS STABLE; COLLECT SAMPLE — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1049 Sampling Date: 10/7/10

Sample I.D.: WCCW-4 Laboratory: CALSCION CO

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S

Equipment Blank I.D.: _____ @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|--------------------------------------|---------------------------------------|
| Project #: 100 101009-MH1 | Client: PARSONS @ NISP NORWALK |
| Sampler: M. Hance | Gauging Date: 10/7/10 |
| Well I.D.: WCU5 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 56.74 | Depth to Water (ft.): 25.86 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 552</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 1233 Flow Rate: 200 mL/min Pump Depth: 37.9

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>µS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to Wat (ft.) |
|---|---------------------|------|--------------------------------------|---------------------|----------------|-------------|--|-----------------------|
| 1236 | 23.6 | 7.55 | 2680 | 10 | 0.78 | 63.3 | 600 | 25.83 |
| 1239 | 23.6 | 7.46 | 2713 | 8 | 0.39 | 61.7 | 1700 | 25.86 |
| 1242 | 23.6 | 7.44 | 2712 | 7 | 0.38 | 61.8 | 1800 | 25.88 |
| 1245 | 23.4 | 7.42 | 2710 | 7 | 0.38 | 62.0 | 2400 | 25.88 |
| 1248 | 23.4 | 7.42 | 2708 | 7 | 0.36 | 62.3 | 3000 | 25.88 |
| 1251 | 23.4 | 7.42 | 2709 | 7 | 0.36 | 62.6 | 3600 | 25.88 |
| — ALL PARAMETERS STABLE; collect sample — | | | | | | | | |
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Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1252 Sampling Date: 10/7/10

Sample I.D.: WCU-5 Laboratory: CALSCIENCE

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOCS, TPHD

Equipment Blank I.D.: @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

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|-------------------------------|-----------------------------------|
| Project #: 101004 m+1 | Client: PARSONS @ NORWALK |
| Sampler: M.H. [Signature] | Gauging Date: 10/7/10 |
| Well I.D.: WCL | Well Diameter (in.): 2 3 (4) 6 8 |
| Total Well Depth (ft.): 51.48 | Depth to Water (ft.): 28.17 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: PVC Grade | Flow Cell Type: YSI 536 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other
 Start Purge Time: 08:39 Flow Rate: _____ Pump Depth: 39'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|--|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0842 | 22.1 | 6.61 | 3363 | 6 | 0.29 | -56.1 | 600 | 28.19 |
| 0845 | 22.2 | 6.52 | 3406 | 4 | 0.35 | -60.2 | 1200 | 28.20 |
| 0848 | 22.2 | 6.57 | 3417 | 3 | 0.21 | -61.7 | 1800 | 28.20 |
| 0851 | 22.2 | 6.57 | 3432 | 3 | 0.17 | -64.1 | 2400 | 28.20 |
| 0854 | 22.2 | 6.57 | 3432 | 3 | 0.16 | -64.3 | 3000 | 28.20 |
| 0857 | 22.2 | 6.57 | 3434 | 3 | 0.16 | -65.1 | 3600 | 28.20 |
| — ALL PARAMETERS STABLE collect sample — | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |
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| | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 0858 Sampling Date: 10/7/10

Sample I.D.: WCL Laboratory: CALSCIENES

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S TPH'S

Equipment Blank I.D.: @ _____ Time Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

| | |
|--------------------------------------|---|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: <u>AAH</u> | Gauging Date: 10/7/10 |
| Well I.D.: WCV-E | Well Diameter (in.): 2 3 <u>(4)</u> 6 8 |
| Total Well Depth (ft.): <u>51.60</u> | Depth to Water (ft.): <u>30.52</u> |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>(PVC)</u> Grade | Flow Cell Type: <u>YSI 556</u> |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing (19.44) Other _____
 Start Purge Time: 1159 Flow Rate: 200 mL/min Pump Depth: 40.2'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or <u>μS/cm</u>) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or <u>mL</u>) | Depth to Water (ft.) |
|------|---------------------------------------|------|--------------------------------------|---------------------|----------------|-------------|--|-------------------------|
| 1202 | 22.6 | 7.26 | 2993 | 7 | 0.31 | -86.1 | 1100 | 30.59 |
| 1205 | 22.5 | 7.06 | 2991 | 6 | 0.24 | -95.4 | 1200 | 30.61 |
| 1208 | 22.6 | 7.06 | 2995 | 5 | 0.31 | -100.2 | 1800 | 30.61 |
| 1211 | 22.6 | 7.07 | 2994 | 4 | 0.32 | -100.7 | 2400 | 30.61 |
| 1214 | 22.5 | 7.06 | 2995 | 4 | 0.30 | -101.1 | 3000 | 30.61 |
| 1217 | 22.5 | 7.06 | 2995 | 4 | 0.30 | -101.3 | 3600 | 30.61 |
| — | ALL PARAMETERS STABLE; COLLECT SAMPLE | | | | | | | — |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: 3600 ML

Sampling Time: WCV-E 1218 Sampling Date: 10/7/10

Sample I.D.: WCV-E Laboratory: CALSCORCI

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S

Equipment Blank I.D.: @ _____ Duplicate I.D.: _____

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DFSP NORWALK |
| Sampler: M.H. Huser | Gauging Date: 10/7/10 |
| Well I.D.: WCCW-12 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 60.39 | Depth to Water (ft.): 29.12 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: YSI 520 |

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump
 Sampling Method: Dedicated Tubing New Tubing Other _____
 Start Purge Time: 0948 Flow Rate: 200 mL/min (30.60) Pump Depth: 45'

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|---|---------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 0951 | 22.4 | 7.12 | 2361 | 7 | 0.62 | 76.2 | 600 | 29.16 |
| 0954 | 22.3 | 7.06 | 2357 | 4 | 0.46 | 73.3 | 1200 | 29.16 |
| 0957 | 22.3 | 7.00 | 2356 | 4 | 0.41 | 72.0 | 1800 | 29.16 |
| 1000 | 22.3 | 6.93 | 2355 | 4 | 0.38 | 71.8 | 2400 | 29.16 |
| 1003 | 22.4 | 6.90 | 2355 | 4 | 0.38 | 71.5 | 3000 | 29.16 |
| 1006 | 22.4 | 6.90 | 2355 | 4 | 0.38 | 71.5 | 3600 | 29.16 |
| — ALL PARAMETERS STABLE; Collect Sample — | | | | | | | | |
| | | | | | | | | |
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| | | | | | | | | |

Did well dewater? Yes No Amount actually evacuated: 3600 mL

Sampling Time: 1007 Sampling Date: 10/7/10

Sample I.D.: WCCW-12 Laboratory: CALSCLC

Analyzed for: TPH-G BTEX MTBE TPH-D Other: VOC'S, TPH'S

Equipment Blank I.D.: @ Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

| | |
|---------------------------------|---------------------------------------|
| Project #: 101004-MH1 | Client: PARSONS @ DTSP NORWALK |
| Sampler: M. HANSEN | Gauging Date: 10/7/10 |
| Well I.D.: WCLW-14 | Well Diameter (in.): 2 3 <u>4</u> 6 8 |
| Total Well Depth (ft.): 59.00 | Depth to Water (ft.): 31.94 |
| Depth to Free Product: | Thickness of Free Product (feet): |
| Referenced to: <u>PVC</u> Grade | Flow Cell Type: <u>YSI 532</u> |

| | | |
|-----------------------------------|-----------------------|--------------------------|
| Purge Method: 2" Grundfos Pump | Peristaltic Pump | Bladder Pump |
| Sampling Method: Dedicated Tubing | New Tubing | Other |
| Start Purge Time: 1108 | Flow Rate: 200 mL/min | (24-59) Pump Depth: 40.9 |

| Time | Temp. (°C or °F) | pH | Cond. (mS/cm or μS/cm) | Turbidity (NTUs) | D.O. (mg/L) | ORP (mV) | Water Removed (gals. or mL) | Depth to Water (ft.) |
|------|---------------------------------------|------|------------------------------|---------------------|----------------|-------------|--------------------------------|-------------------------|
| 1111 | 22.2 | 7.13 | 2315 | 18 | 0.52 | 65.6 | 600 | 31.97 |
| 1114 | 22.2 | 7.18 | 2315 | 15 | 0.31 | 62.6 | 1700 | 31.99 |
| 1117 | 22.2 | 7.15 | 2309 | 10 | 0.70 | 58.3 | 1800 | 32.01 |
| 1120 | 22.2 | 7.06 | 2309 | 8 | 0.18 | 57.3 | 2400 | 32.01 |
| 1123 | 22.2 | 7.08 | 2310 | 8 | 0.17 | 57.1 | 3000 | 32.01 |
| 1126 | 22.2 | 7.08 | 2309 | 8 | 0.17 | 56.9 | 3600 | 32.01 |
| — | ALL PARAMETERS STABLE; collect sample | | | | | | | — |
| | | | | | | | | |
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| | | | | | | | | |

| | |
|--|------------------------------------|
| Did well dewater? Yes <u>No</u> | Amount actually evacuated: 3600 mL |
| Sampling Time: 1127 | Sampling Date: 10/7/10 |
| Sample I.D.: WCLW-14 | Laboratory: CALSILVERO |
| Analyzed for: <u>TPH-G</u> BTEX MTBE TPH-D | Other: VOC'S ; TPH'S |
| Equipment Blank I.D.: @ | Duplicate I.D.: |



CalScience Environmental Laboratories, Inc.

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 (714) 895-5494
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 Concord, CA 94520-8577
 (925) 689-9022

CHAIN OF CUSTODY RECORD

Date 10/4/10
 Page 1 of 2

| | | | | | | | | | | | | | | | | | |
|---|---------------------------------------|---|--------------------------------|----------------------|----------------------------|--------------------------------|--------------------|--------------------|---------------|--------------------|-------------|------------------------|-------------------------|---------------------------------|--------------------------|----------------|--|
| LABORATORY CLIENT: <u>PARSONS</u> | | CLIENT PROJECT NAME / NUMBER: <u>660M</u> | | P.O. NO.: | | | | | | | | | | | | | |
| ADDRESS: <u>100 W. WALNUT STREET</u> | | PROJECT CONTACT: <u>MARK LUCAS</u> | | LAB USE ONLY | | | | | | | | | | | | | |
| CITY: <u>PASADENA</u> | STATE: <u>CA</u> | SAMPLER(S) (PRINT): <u>MATT HENSEL</u> | | COOLER RECEIPT | | | | | | | | | | | | | |
| TEL: <u>626 440-6032</u> | E-MAIL: <u>MARK.LUCAS@PARSONS.COM</u> | COELT LOG CODE | | TEMP: °C | | | | | | | | | | | | | |
| TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> STANDARD SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWOCB REPORTING FORMS <input type="checkbox"/> COELT EDF <input type="checkbox"/> | | REQUESTED ANALYSES | | | | | | | | | | | | | | | |
| SPECIAL INSTRUCTIONS: | | TPH (g) | TPH (d) or (C6-C36) or (C6-C4) | TPH (ASAP by 8:05) | BTEX / MTBE (8260B) or () | VOCs (8260B) (STEX, MTBE, TBA) | Oxygenates (8260B) | Encore Prep (5035) | SVOCs (8270C) | Pesticides (8081A) | PCBs (8082) | PNAs (8310) or (8270C) | T22 Metals (6010B/747X) | Cr(VI) (7196A or 7199 or 218.6) | VOCs (TO-14A) or (TO-15) | TPH (g) (TO-3) | |
| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | SAMPLING TIME | MATRIX | NO. OF CONT. | | | | | | | | | | | |
| | TB | | 10/4/10 | 0800 | W | 2 | | | | | | | | | | | |
| | EXP-3 | | | 0807 | W | 4 | | | | | | | | | | | |
| | EXP-1 | | | 0843 | W | 4 | | | | | | | | | | | |
| | EXP-2 | | | 0929 | W | 4 | | | | | | | | | | | |
| | MW-24 | | | 1005 | W | 4 | | | | | | | | | | | |
| | MW-14 | | | 1040 | W | 4 | | | | | | | | | | | |
| | MW-22(MIN) | | | 1115 | W | 4 | | | | | | | | | | | |
| | MW-25 | | | 1148 | W | 4 | | | | | | | | | | | |
| | MW-26 | | | 1246 | W | 4 | | | | | | | | | | | |
| | MW-27 | | 10/4/10 | 1332 | W | 4 | | | | | | | | | | | |
| Relinquished by: (Signature) <u>Matt Hensel</u> | | Received by: (Signature/Affiliation) | | Date: <u>10/4/10</u> | | Time: <u>1545</u> | | | | | | | | | | | |
| Relinquished by: (Signature) | | Received by: (Signature/Affiliation) | | Date: | | Time: | | | | | | | | | | | |
| Relinquished by: (Signature) | | Received by: (Signature/Affiliation) | | Date: | | Time: | | | | | | | | | | | |



Calscience Environmental Laboratories, Inc.

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NorCal Service Center
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 (925) 689-9022

CHAIN OF CUSTODY RECORD

Date: 10/6/10

Page 1 of 2

| LABORATORY CLIENT: PARSONS | | CLIENT PROJECT NAME / NUMBER: 716442 DFSP Newark | | P.O. NO.: | |
|--|------------|---|---------------|--|--------------|
| ADDRESS: 100 W. BEAUMONT ST | | PROJECT CONTACT: MARY LUCAS | | LAB USE ONLY: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| CITY: PASADENA | | STATE: CA. | | ZIP: 91124 | |
| TEL: 626-410 | | E-MAIL: MARY.LUCAS@PARSONS.COM | | COOLER RECEIPT: TEMP: _____ °C | |
| TURNAROUND TIME: <input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HR <input type="checkbox"/> 48 HR <input checked="" type="checkbox"/> STANDARD | | SAMPLER(S) (PRINT): M. Hansen | | COELT LOG CODE: <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> | |
| SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY) <input type="checkbox"/> RWQCB REPORTING FORMS <input type="checkbox"/> COELT EDF <input type="checkbox"/> | | REQUESTED ANALYSES | | | |
| SPECIAL INSTRUCTIONS: | | | | | |
| LAB USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING DATE | | NO. OF CONT. |
| | TRB3 | | 10/6/10 | 0730 | 2 |
| | Gmw-47 | | | 0749 | 4 |
| | Gmw-57 | | | 0827 | 4 |
| | Gmw-57 dup | | | | 4 |
| | MW-13 | | | 0906 | 4 |
| | Gmw-66 | | | 0943 | 4 |
| | MW-17 | | | 1024 | 4 |
| | Gmw-58 | | | 1106 | 4 |
| | Gmw-59 | | | 1149 | 7 |
| | Gmw-59 dup | | 10/6/10 | | 4 |
| Relinquished by: (Signature) <i>M. Hansen</i> | | Received by: (Signature/Affiliation) <i>S. Custodian</i> | | | |
| Relinquished by: (Signature) | | Received by: (Signature/Affiliation) <i>Mary Lucas</i> | | | |
| Relinquished by: (Signature) | | Received by: (Signature/Affiliation) | | | |
| | | Date: <u>10/6/10</u> | | Time: <u>530</u> | |
| | | Date: <u>10/6/10</u> | | Time: <u>600</u> | |
| | | Date: _____ | | Time: _____ | |

DISTRIBUTION: White with final report, Green and Yellow to Client.
Please note that pages 1 and 2 of our TIRs are printed on the reverse side of this C.

05/01/07 Revision

CHAIN OF CUSTODY RECORD

SoCal Laboratory
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 Garden Grove, CA 92841-1427
 (714) 895-5494

NorCal Service Center
 5063 Commercial Circle, Suite H
 Concord, CA 94520-8577
 (925) 689-9022

LABORATORY CLIENT: PARSONS P.O. NO.: _____
 ADDRESS: 100 W WASHINGTON CITY: CAGUIBAN STATE: CA ZIP: 91121
 CITY: CAGUIBAN PROJECT CONTACT: MARY LUCAS
 TEL: 606 110 6032 E-MAIL: MARY.LUCAS@PARSONS.COM
 TURNAROUND TIME: SAME DAY 24 HR 48 HR 72 HR 5 DAYS 10 DAYS

SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY)
 RWQCB REPORTING FORMS COELT EDF

SPECIAL INSTRUCTIONS: _____

| LATE USE ONLY | SAMPLE ID | FIELD POINT NAME (FOR COELT EDF) | SAMPLING | | MATRIX | NO OF CONT. |
|---------------|-----------|----------------------------------|----------|-------|--------|-------------|
| | | | DATE | TIME | | |
| | TPS1 | | 10/1/10 | 07:30 | W | 2 |
| | MW10 | | 10/1/10 | 07:30 | W | 4 |
| | AMW 37 | | 10/1/10 | 07:30 | W | 1 |
| | GMW 32/34 | | | | W | 1 |
| | WGW 6 | | 10/1/10 | 08:00 | W | 7 |
| | WGW 2 | | 10/1/10 | 07:30 | W | 7 |
| | WGW 12 | | 10/1/10 | 07:30 | W | 7 |
| | WGW 1 | | 10/1/10 | 07:30 | W | 7 |
| | WGW 11 | | 10/1/10 | 07:30 | W | 7 |
| | WGW 6 | | 10/1/10 | 07:30 | W | 7 |

| TPH (g) (C7-C36) or (C7-C44) | TPH (ASBESTOS) | BTEX / MTBE (8260B) or () | VOCs (8260B) | Oxygenates (8260B) | Encore Prep (5035) | SVOCs (8270C) | Pesticides (8081A) | PCBs (8082) | PNAs (8310) or (8270C) | T22 Metals (6010B/747X) | Cr(VI) [7196A or 7199 or 218.6] | VOCs (TO-14A) or (TO-15) | TPH (g) (TO-3)+ |
|------------------------------|----------------|----------------------------|--------------|--------------------|--------------------|---------------|--------------------|-------------|------------------------|-------------------------|---------------------------------|--------------------------|-----------------|
| X | X | X | X | X | X | X | X | X | X | X | X | X | X |

Relinquished by: (Signature) Mary Lucas Date: 10/1/10 Time: 15:30
 Relinquished by: (Signature) _____ Date: 10/1/10 Time: 16:00
 Relinquished by: (Signature) _____ Date: _____ Time: _____

WELLHEAD INSPECTION CHECKLIST

Page ____ of ____

Client PARSONS & DFSP NORWALK Date 10/4/10
 Site Address Excelsior Dr. 3, NORWALK Blvd
 Job Number 101004-MHI Technician M. Han

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12" or less) | WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less) | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitted |
|------------|--|---|---|---------------------------|----------------------------|--------------|---------------|------------------------------------|------------------------------------|------------------------|
| EXP-5 | | STAND Pipe w/ GAUARD Post | | | | | | | | |
| EYP-1 | ↓ | ↓ | ↓ | | | | | | | |
| EYP-2 | ↓ | ↓ | ↓ | | | | | | | |
| MW-24 | | STAND Pipe w/ GAUARD Post | | | | | | | | |
| MW-14 | ↓ | ↓ | ↓ | | | | | | | |
| MW-22(MIN) | ↓ | ↓ | ↓ | | | | | | | |
| MW-25 | ↓ | ↓ | ↓ | | | | | | | |
| MW-26 | ↓ | ↓ | ↓ | | | | | | | |
| MW-27 | ↓ | ↓ | ↓ | | | | | | | |
| MW-23(MIN) | | STAND Pipe w/ GAUARD Post | | | | | | | | |
| GML-6 | X | - 1 bolt | | | | | | | | |
| GML-15 | Y | - 1 bolt | | | | | | | | |
| GML-6 | | VAULT LID | - 4 bolts | | | | | | | |
| GML-16 | Y | - 2 bolts | | | | | | | | |
| GML-17 | X | - 2 bolts | | | | | | | | |
| GML-62 | X | X | X | | | | | | | |
| GML-65 | X | X | X | | | | | | | |

NOTES:

WELLHEAD INSPECTION CHECKLIST

Page ____ of ____

Client PARSONS @ DFSP Newark Date 10/4/10
 Site Address EXPLOSION NE 1 Newark Road
 Job Number 10004-MAH Technician MAH

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12" or less) | WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less) | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitted |
|---------|--|---|---|---------------------------|----------------------------|--------------|---------------|------------------------------------|------------------------------------|------------------------|
| Gmw 64 | X | X | X | | | | | | | |
| Gmw 63 | X | X | X | | | | | | | |
| Gmw 47 | X | - 2 bolts | | | | | | | | |
| Gmw 57 | X | - 2 bolts | | | | | | | | |
| mw-13 | STAND | Pipe w/ GUARD POST | | | | | | | | |
| Gmw 66 | X | X | X | | | | | | | |
| mw-17 | STAND | Pipe w/ GUARD POST | | | | | | | | |
| Gmw 58 | VAULT | LID | | | | | | | | |
| Gmw 59 | VAULT | LID | | | | | | | | |
| Gmw 60 | X | X | X | | | | | | | |
| Gmw 61 | X | X | X | | | | | | | |
| Gw 15 | VAULT | LID | | | | | | | | |
| Gmw 41 | X | - X | X | | | | | | | |
| mw-16 | STAND | Pipe w/ GUARD POST | | | | | | | | |
| Gmw 32 | X | - 2 bolts | | | | | | | | |
| well 6 | X | X | X | | | | | | | |
| well 2 | X | X | X | | | | | | | |

NOTES:

WELLHEAD INSPECTION CHECKLIST

Page ____ of ____

Client PARSONS @ DFSP NORWALK Date 10/4/10
 Site Address NORWALK toward Excelsior Dr.
 Job Number 101004-MH1 Technician ALH

| Well ID | Well Inspected - No Corrective Action Required | WELL IS SECURABLE BY DESIGN (12" or less) | WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12" or less) | Water Bailed From Wellbox | Wellbox Components Cleaned | Cap Replaced | Lock Replaced | Other Action Taken (explain below) | Well Not Inspected (explain below) | Repair Order Submitted |
|---------|--|---|---|---------------------------|----------------------------|--------------|---------------|------------------------------------|------------------------------------|------------------------|
| wcw-12 | X | Y | Y | | | | | | | |
| wcw-4 | X | X | X | | | | | | | |
| wcw-14 | X | X | X | | | | | | | |
| wcw-8 | X | X | X | | | | | | | |
| wcw-5 | X | X | X | | | | | | | |
| GMW-45 | X | X | X | | | | | | | |
| GMW-31 | X | -2 bolts | | | | | | | | |
| PZ-3 | X | -2 bolts | | | | | | | | |
| GMW-43 | X | X | Y | | | | | | | |
| GMW-44 | X | X | Y | | | | | | | |
| GMW-12 | X | X | X | | | | | | | |
| GMW-19 | X | X | X | | | | | | | |
| GW-2 | VAULT | LID | | | | | | | | |
| GW-13 | VAULT | LID | | | | | | | | |
| GW-16 | VAULT | LID | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

NOTES: _____

DFSP Norwalk Quarterly GWM - October 2010
Gauging Data

Page _____ of _____

| Well No. | Date | Time | DTP | DTW | Notes |
|----------------------------------|------------|-------|------------------|-------|-------|
| GMW-62 | 09-28-2010 | | | | |
| GMW-63 | 09-28-2010 | | | | |
| GMW-65 | 09-28-2010 | | | | |
| GMW-64 | 09-28-2010 | | | | |
| GMW-12 | 09-28-2010 | | | | |
| MW-16 | 09-28-2010 | 1415 | - | 29.16 | |
| GMW-32 | 09-28-2010 | 1420 | | 26.98 | |
| GMW-39 | 09-28-2010 | | | | |
| GMW-15 | 09-28-2010 | 754 | - | 28.90 | |
| ? GMW 0-17 | 09-28-2010 | | | | |
| MW-17 | 09-28-2010 | 910 | - | 30.38 | |
| GMW-31 | 09-28-2010 | | | | |
| GMW-41 | 09-28-2010 | | | | |
| GW-16 | 09-28-2010 | 831 | - | 29.15 | |
| GW-15 | 09-28-2010 | 840 | 28.39 | 28.50 | |
| PZ-3 | 09-28-2010 | 13:25 | 28.39 | 28.70 | |
| EXP-1 | 09-28-2010 | | | | |
| EXP-3 | 09-28-2010 | | | | |
| MW22 ^{MID} _m | 09-28-2010 | 1303 | - | 34.04 | |
| MW23 ^{MID} _m | 09-28-2010 | 7:35 | - | 32.37 | |
| WCW-02 | 09-28-2010 | | | | |
| WCW-04 | 09-28-2010 | | | | |
| WCW-05 | 09-28-2010 | | | | |
| WCW-06 | 09-28-2010 | | | | |

WCW-08 - 09-28-2010

DFSP Norwalk Quarterly GWM - October 2010
Gauging Data

Page _____ of _____

| Well No. | Date | Time | DTP | DTW | Notes |
|----------|------------|--------------------|-----|-------|-------|
| EXP-2 | 09.29.2010 | 719 | - | 56.35 | |
| MW-24 | 09.29.2010 | 725 | - | 31.58 | |
| GW-2 | 09.29.2010 | 712 | - | 28.87 | |
| MW-14 | 09.29.2010 | 707 | - | 31.70 | |
| GW-13 | 09.29.2010 | 7:01 | - | 30.06 | |
| GMW-16 | 09.29.2010 | 7:32 | - | 29.83 | |
| GW-6 | 09.29.2010 | 7:42 | - | 29.29 | |
| GMW-6 | 09.29.2010 | 758 | - | 29.99 | |
| GMW-45 | 09.29.2010 | 805 | - | 28.44 | |
| MW-25 | 09.29.2010 | 1308 ^{ms} | - | 32.18 | |
| MW-27 | 09.29.2010 | 1316 | - | 31.04 | |
| MW-26 | 09.29.2010 | 1312 | - | 30.26 | |
| MW-13 | 09.29.2010 | 813 | - | 30.94 | |
| GMW-31 | 09.29.2010 | 1329 | - | 29.22 | |
| GMW-19 | 09.29.2010 | 1403 | - | 23.39 | |
| GMW-43 | 09.29.2010 | 1353 | - | 27.02 | |
| GMW-44 | 09.29.2010 | 1348 | - | 27.25 | |
| GMW-66 | 09.29.2010 | 824 | - | 29.62 | |
| GMW-47 | 09.29.2010 | 817 | - | 28.63 | |
| GMW-57 | 09.29.2010 | 8:34 | - | 29.30 | |
| GMW-58 | 09.29.2010 | 851 | - | 27.36 | |
| GMW-60 | 09.29.2010 | 856 | - | 28.84 | |
| GMW-59 | 09.29.2010 | 914 | - | 26.63 | |
| GMW-61 | 09.29.2010 | 906 | - | 28.12 | |

