

Project: National Heatsheet Printing Site - Off-Site - Site Management
 Contractors: AECOM and Preferred Environmental Services
 AECOM Job No: _____
 Site No: _____
 AECOM Project Manager: Walt Howard

AECOM
 40 British American Boulevard
 Airport Park
 Latham, NY 12110
 Telephone: 518.7951.2242

DAILY REPORT

Day:

| | | | | | | |
|---|---|---|---|----|---|---|
| S | M | T | W | TH | F | S |
|---|---|---|---|----|---|---|

 Date: 21-Nov-12
 REPORT No. _____
 PAGE No. 1
 PREPARED BY: Thomas Fitzpatrick TITLE: Site Rep.

| | | | | | |
|-----------------|------------|---------------|----------|-------|-----------|
| WEATHER | Bright Sun | Partly Cloudy | Overcast | Rain | Clear |
| TEMP | To 32 | 32-50 | 50-70 | 70-85 | 85 and up |
| WIND | Light | Moderate | High | | |
| HUMIDITY | Dry | Moderate | Humid | | |
| WIND DIR | NE | NW | SE | SW | |
| | N | S | E | W | |

AVERAGE FIELD FORCE

| Name of Contractor | Title | Hours Worked | Remarks |
|--------------------|------------|---------------|-----------|
| Thomas Fitzpatrick | Technician | 8:40 - 10:59 | Preferred |
| Marc Morgenstern | Technician | 10:20 - 10:51 | Preferred |

VISITORS

| Name | Time (From - To) | Representing | Remarks |
|------|------------------|--------------|---------|
| NA | NA | NA | NA |

EQUIPMENT AT THE SITE

I = Idle W = Working

| | | | |
|---------------|------------------------|-----------------------|-------------------------------|
| 1. Camera - W | 3. Pressure Gauges - W | 5. Vacuum Pump - W | 7. VelociCalc - TSI 9555/9 -W |
| 2. PID - W | 4. Interface Probe - W | 6. Four Gas Meter - W | |

OPERATION & MAINTENANCE ACTIVITIES

| |
|---|
| AECOM/Preferred Site Representative: Thomas Fitzpatrick - Preferred |
| DESCRIPTION OF WORK PERFORMED AND OBSERVED |
| 8:40- Preferred arrived on-site. Both systems are up with four (4) alarms triggered: 11/07/12 21:08 W12: Well DDC-7 Low Differential Pressure 11/03/12 11:29 W5 B-501 low vacuum 11/03/12 11:29 W6 B-502 low vacuum 11/10/12 8:52 W9:Well DDC-10 Low Differential Pressure |
| 8:45 - Weekly O&M started. |
| 10:20- Marc Morgenstern on-site to assist in the gauging of the DDC wells located along Benjoe Drive. |
| 10:51 - Marc Morgenstern off-site. |
| 15:55 - O&M completed. |
| 10:59 - Preferred locked both sheds and all parties off-site. Blower B-501 & B-502 up upon departure. |

- Designates report is continued on additional pages

AECOM/Preferred Site Representative: Thomas Fitzpatrick (Preferred) Project Manager: W. Howard

O&M DATA SHEET - NATIONAL HEATSET - OFF-SITE SYSTEM

Date: 11/21/2012

Time: 8:40

Weather: 50° F - Bright Sun -Slight Humidity

B-501 Status on Arrival: **Up** / Down / Off

B-502 Status on Arrival: **Up** / Down / Off

Alarm Light Status on Arrival: **ON** / OFF

Alarm Light Reset on Arrival: YES / **NO**

SYSTEM OPERATING DATA

| ID | B-501 | TP-211 | B-502 | TP-212 | B-503 | TP-213 | Time |
|----------|----------------------|-------------------------|----------|----------------------|------------------|------------------|-----------------|
| Hours | 3,590.9 | 0.1 | 3,863.8 | 0.3 | 0 | 0 | @ 8:49 |
| Hz | 32 | Hz | 31 | | Separator ID | Water Level (IN) | Drained |
| PI-511 | 5.0 | PI-512 | 6.0 | | ST-201 | 0 | YES / NO |
| TSH-511 | 100 | TSH-512 | 145 | | ST-202 | 0 | YES / NO |
| VI-201 | -2.0 | IWC | VI-202 | | -2.0 | IWC | |
| TI-201 | 60 | °F | TI-202 | 62 | °F | | |
| DPT-201 | 0.58 | IWC (6" Pipe) | DPT-202 | 0.58 | IWC (6" Pipe) | | |
| V-DLH5-6 | Open / Closed | | V-DLH5-6 | Open / Closed | | | |
| VI-401 | -4.0 | IWC | VI-402 | -5.0 | IWC | | |
| TI-401 | 60 | °F | TI-402 | 60 | °F | | |
| VI-401B | -6.0 | IWC | VI-402A | -22 | IWC | | |
| SP-401B | 0.0 | ppb / <u>ppm</u> | SP-402A | 0.0 | ppb / <u>ppm</u> | | |
| VI-401A | -24 | IWC | VI-402B | -8.0 | IWC | | |
| SP-401A | 0.0 | ppb / ppm | SP-402B | 1.3 | ppb / <u>ppm</u> | | |
| VI-403B | -16 | IWC | VI-403A | -16 | IWC | | |
| SP-403B | 0.0 | ppb / <u>ppm</u> | SP-403A | 0.8 | ppb / <u>ppm</u> | | |
| VI-501 | -30 | IWC | VI-502 | -30 | IWC | | |
| SP-501 | 0.0 | ppb / <u>ppm</u> | SP-502 | 0.0 | ppb / <u>ppm</u> | | |
| TI-501 | 64 | °F | TI-502 | 64 | °F | | |
| VI-501A | -32 | IWC | VI-502A | -32 | IWC | | |
| DPT-301 | 0.43 | IWC (6" Pipe) | DPT-302 | 0.36 | IWC (6" Pipe) | | |
| PI-301 | 5.5 | PSI | PI-302 | 6.5 | PSI | | |
| TI-301 | 100 | °F | TI-302 | 110 | °F | | |
| FM-601 | 82.7 gal | Electric Meter Reading: | | 3,363 kW/h @ | 9:30 AM | | |

B-501 Status on Departure: **UP** / DOWN / OFF

B-502 Status on Departure: **UP** / DOWN / OFF

Alarm Light Status on Departure: **ON** / OFF

Alarm Light Reset on Departure: YES / **NO**

O&M DATA SHEET - NATIONAL HEATSET - OFF-SITE SYSTEM

 Date: 11/21/12

 Time: 9:30

Weather: _____

50° F - Bright Sun

INJECTION & EXTRACTION MANIFOLD OPERATING DATA

| Well ID | 4" - INJECTION | | | 6" - EXTRACTION | | | |
|---------|------------------|-----------|----------------|-----------------|-----------|-------------------|-------------------|
| | Δ Pressure (IWC) | Temp (°F) | Pressure (PSI) | Vacuum (IWC) | Temp (°F) | Velocity (ft/min) | VOCs (ppb or ppm) |
| DDC-05 | 0.18 | 90 | 3.8 | 1.062 | 62 | 649 | 0.0 |
| DDC-10 | 0.14 | 90 | 4.1 | 0.919 | 64 | 664 | 0.0 |
| DDC-09 | 0.35 | 88 | 4.8 | 0.857 | 64 | 963 | 0.0 |
| DDC-08 | 0.29 | 90 | 4.0 | 1.613 | 64 | 898 | 1.8 |
| DDC-07 | 0.15 | 88 | 4.5 | 1.691 | 64 | 515 | 0.0 |
| DDC-06 | 0.20 | 92 | 4.5 | 1.767 | 62 | 790 | 0.0 |

DDC WELLHEAD OPERATING DATA

| WELL ID | PZ SHALLOW (FT) | PZ DEEP (FT) | Air Space (FT) | COMMENTS | MW ID | DTW (FT) |
|---------|-----------------|--------------|----------------|--------------------------|-------|----------|
| DDC-05 | 16.01 | 10.83 | 5.0' | Drained Condensate Valve | NA | NA |
| DDC-10 | 10.82 | 14.72 | 2.5' | --- | NA | NA |
| DDC-09 | 10.52 | 15.55 | 2.0' | --- | NA | NA |
| DDC-08 | 10.00 | 14.86 | 1.5' | --- | NA | NA |
| DDC-07 | 10.25 | 12.55 | 2.0' | --- | NA | NA |
| DDC-06 | 10.26 | 10.12 | 4.5' | --- | NA | NA |

AIR SAMPLING DATA

| B-501 | | | B-502 | | |
|----------------------|----------------|-------------------------|----------------------|----------------|-------------------------|
| Sample Port Position | SAMPLE PORT ID | VOC Reading (ppb / ppm) | Sample Port Position | SAMPLE PORT ID | VOC Reading (ppb / ppm) |
| Influent | SP-401B | 0.0 | Influent | SP-402B | 1.3 |
| Intermediate #1 | SP-403B | 0.0 | Intermediate #1 | SP-403A | 0.8 |
| Intermediate #2 | SP-401A | 0.0 | Intermediate #2 | SP-402A | 0.0 |
| Effluent | SP-501 | 0.0 | Effluent | SP-502 | 0.0 |

CHILLER

| | |
|------------------------|-----|
| Set Temp. (°F) | 75 |
| Actual Temp. (°F) | 73 |
| Pump Pressure (PSI) | 25 |
| Freon High Pres. (PSI) | 175 |
| Freon Low Pres. (PSI) | 105 |

TECHNICIAN COMMENTS/NOTES:

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PHOTOGRAPHIC LOG

Date: 11-21-12

AECOM Job No.

National Heatset Printing Site - Off-Site

| PHOTO | DATE | TIME | DESCRIPTION | COMMENTS |
|--------------|-------------|-------------|---|-----------------|
| Picture 327 | 11/21/2012 | 13:43 | View of water discharging from the four (4)-inch injection line to the DDC-5-PS well. | |
| Picture 332 | 11/21/2012 | 15:25 | All piezometer wells were gauged with an interface probe to determine water levels. | |

Photos (11.21.12)



Picture 327- View of water discharging from the four (4)-inch injection line to the DDC-5-PS well.



Picture 332- All piezometer wells were gauged with an interface probe to determine water levels.