Project: National Heatset Printing Site - Off-Site - Site Management
Contractors: AECOM and Preferred Environmental Services

AECOM Job No: 60135649
Site No: 1-52-140
AECOM Project Manager: Walt Howard

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# DAILY REPORT

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

Date: 5-Dec-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 | 8:25 - 11:15 | Preferred |
| Dan Prisco-Buxbaum | Technician | 10:05 - 10:40 | 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**

**8:25 -** Preferred arrived on-site. Both systems are up with seven (7) 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
11/25/12 14:25 W8: Well DDC-5 Low Differential Pressure
11/21/12 23:13 W11: Well DDC-8 Low Differential Pressure
11/26/12 12:10 W13: Well DDC-6 Low Differential Pressure

**8:30** - Weekly O&M started.

**9:45** - DDC-5 & DDC-6 condensate drainage valves were drained for 15 minutes.

**10:05** - Dan Prisco-Buxbaum on-site to assist in the gauging of the DDC wells located along Benjoe Drive.

**10:40** - Dan Prisco-Buxbaum off-site.

**10:45 -** O&M completed.

**10:50** - Preferred confirms shallow and deep monitoring well locations.

**11:15** - Preferred locked both sheds and all parties off-site. All alarms were reset, with blowers B-501 & B-502 up upon departure.

[ x ] - 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:** 12/5/2012 **Time:** 8:30 **Weather:** 52º F - Partly Cloudy -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** | 3,926.2 | 0.1 | 4,199.1 | 0.3 | 0 | 0 | @ 8:33 |
| **Hz** | 31 | **Hz** | 31 | | **Separator ID** | **Water Level (IN)** | **Drained** |
| **PI-511** | 5.0 | **PI-512** | 6.5 | | | | |
| **TSH-511** | 110 | **TSH-512** | 150 | | **ST-201** | 0 | **YES / NO** |
| | | | | | **ST-202** | 0 | **YES / NO** |

| | | | | | |
|---|---|---|---|---|---|
| **VI-201** | -2.0 | IWC | **VI-202** | -2.0 | IWC |
| **TI-201** | 62 | °F | **TI-202** | 65 | °F |
| **DPT-201** | 0.57 | IWC (6" Pipe) | **DPT-202** | 0.59 | 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** | 62 | °F | **TI-402** | 63 | °F |
| **VI-401B** | -6.0 | IWC | **VI-402A** | -22 | IWC |
| **SP-401B** | 0.0 | ppb / ppm | **SP-402A** | 0.0 | ppb / ppm |
| **VI-401A** | -24 | IWC | **VI-402B** | -8.0 | IWC |
| **SP-401A** | 0.0 | ppb / ppm | **SP-402B** | 0.3 | ppb / ppm |
| **VI-403B** | -16 | IWC | **VI-403A** | -16 | IWC |
| **SP-403B** | 0.0 | ppb / ppm | **SP-403A** | 0.0 | ppb / ppm |
| **VI-501** | -31 | IWC | **VI-502** | -30 | IWC |
| **SP-501** | 0.0 | ppb / ppm | **SP-502** | 0.0 | ppb / ppm |
| **TI-501** | 64 | °F | **TI-502** | 66 | °F |
| **VI-501A** | -32 | IWC | **VI-502A** | -32 | IWC |
| **DPT-301** | 0.44 | IWC (6" Pipe) | **DPT-302** | 0.38 | IWC (6" Pipe) |
| **PI-301** | 5.5 | PSI | **PI-302** | 6.4 | PSI |
| **TI-301** | 100 | °F | **TI-302** | 110 | °F |
| **FM-601** | 82.7 gal | | **Electric Meter Reading:** | 3,679 kW/h @ | 8:51 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: 12/05/12 Time: 9:15 Weather: 52º F - Partly Cloudy

**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 | 4.0 | 1.084 | 63 | 685 | 0.0 |
| **DDC-10** | 0.13 | 90 | 4.0 | 0.939 | 65 | 697 | 0.0 |
| **DDC-09** | 0.36 | 88 | 4.8 | 0.980 | 64 | 979 | 0.0 |
| **DDC-08** | 0.32 | 90 | 4.0 | 1.702 | 64 | 945 | 0.9 |
| **DDC-07** | 0.11 | 88 | 4.3 | 1.714 | 64 | 646 | 0.0 |
| **DDC-06** | 0.20 | 93 | 4.5 | 1.757 | 62 | 750 | 0.0 |

**DDC WELLHEAD OPERATING DATA**

| WELL ID | PZ SHALLOW (FT) | PZ DEEP (FT) | Air Space (FT) | COMMETS | MW ID | DTW (FT) |
|---|---|---|---|---|---|---|
| **DDC-05** | 11.23 | 16.19 | 5.0' | Drained Condensate Valve | NA | NA |
| **DDC-10** | 10.89 | 14.80 | 2.0' | --- | NA | NA |
| **DDC-09** | 10.63 | 15.88 | 1.5' | --- | NA | NA |
| **DDC-08** | 10.15 | 15.18 | 1.5' | --- | NA | NA |
| **DDC-07** | 10.55 | 12.76 | 2.0' | ---- | NA | NA |
| **DDC-06** | 10.27 | 10.43 | 4.5' | Drained Condensate Valve | 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 | 0.3 |
| **Intermediate #1** | SP-403B | 0.0 | **Intermediate #1** | SP-403A | 0.0 |
| **Intermediate #2** | SP-401A | 0.0 | **Intermediate #2** | SP-402A | 0.0 |
| **Effluent** | SP-501 | 0.0 | **Effluent** | SP-502 | 0.0 |

| CHILLER | | TECHNICIAN COMMENTS/NOTES: |
|---|---|---|
| **Set Temp. (°F)** | 75 | |
| **Actual Temp. (°F)** | 72 | |
| **Pump Pressure (PSI)** | 25 | |
| **Freon High Pres. (PSI)** | 152 | |
| **Freon Low Pres. (PSI)** | 110 | |

**PHOTOGRAPHIC LOG**
**Date: 12-05-12**
**AECOM Job No.**
**National Heatset Printing Site - Off-Site**

| PHOTO | DATE | TIME | DESCRIPTION | COMMENTS |
|---|---|---|---|---|
| Picture 367 | 12/5/2012 | 9:45 | DDC-5 & DDC-6 condensate drainage valves were drained for 15 minutes. | |
| Picture 368 | 12/5/2012 | 11:10 | An interface probe was utilized for the gauging of the DDC peizometer wells. | |

# Photos (12.05.12)

**Picture 367-** DDC-5 & DDC-6 condensate drainage valves were drained for 15 minutes.

**Picture 368-** An interface probe was utilized for the gauging of the DDC peizometer wells.