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

AECOM
40 British American Boulevard
Airport Park
Latham, NY 12110
Telephone: 518.951.2200

# DAILY REPORT

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

Date: 19-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 | 10:04 - 13:30 | Preferred |
| Daniel Prisco-Buxbaum | Technician | 10:32 - 10:58 | 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**

**10:04 -** Preferred arrived on-site. Both systems are up with three (3) alarms triggered:
12/16/12 18:55 W11: Well DDC-8 Low Differential Pressure
12/016/12 6:22 W12: Well DDC-7 Low Differential Pressure
12/13/12 9:33 W8: Well DDC-5 Low Differential Pressure
**10:10** - Weekly O&M started.
**10:32** - Daniel Prisco-Buxbaum assisted in the gauging of the DDC wells located along Benjoe Drive.
**10:58** - Daniel Prisco-Buxbaum off-site.
**12:00 -** DDC-5 & DDC-6 condensate drainage valves were drained in 5 gallon buckets.
**12:30** - Pipe insulation was installed on the four (4)-inch injection pipes in the DDC-5 & DDC-6 shed.
**13:25 -** O&M completed.
**13:30** - 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:** 12/19/2012 **Time:** 11:00 **Weather:** 43º F - Bright Sun - Dry

**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** | 4,265.3 | 0.1 | 4,535.3 | 0.3 | 0 | 0 | @ 11:44 |
| **Hz** | 31 | **Hz** | 31 | | **Separator ID** | **Water Level (IN)** | **Drained** |
| **PI-511** | 5.1 | **PI-512** | 6.9 | | | | |
| **TSH-511** | 100 | **TSH-512** | 145 | | **ST-201** | 0 | **YES / NO** |
| | | | | | **ST-202** | 0 | **YES / NO** |

| | | | | | |
|---|---|---|---|---|---|
| **VI-201** | -2.5 | IWC | **VI-202** | -2.0 | IWC |
| **TI-201** | 59 | °F | **TI-202** | 62 | °F |
| **DPT-201** | 0.55 | IWC (6" Pipe) | **DPT-202** | 0.57 | 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** | 59 | °F | **TI-402** | 58 | °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** | 0.8 | ppb / ppm |
| **VI-403B** | -16 | IWC | **VI-403A** | -16 | IWC |
| **SP-403B** | 0.0 | ppb / ppm | **SP-403A** | 0.3 | ppb / ppm |
| **VI-501** | -30 | IWC | **VI-502** | -30 | IWC |
| **SP-501** | 0.0 | ppb / ppm | **SP-502** | 0.0 | ppb / ppm |
| **TI-501** | 64 | °F | **TI-502** | 64 | °F |
| **VI-501A** | -32 | IWC | **VI-502A** | -32 | IWC |
| **DPT-301** | 0.42 | IWC (6" Pipe) | **DPT-302** | 0.36 | IWC (6" Pipe) |
| **PI-301** | 5.6 | PSI | **PI-302** | 6.4 | PSI |
| **TI-301** | 100 | °F | **TI-302** | 110 | °F |
| **FM-601** | 82.7 gal | | **Electric Meter Reading:** | 4,001 kW/h @ | 11:40 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: 12/12/12 Time: 10:30 Weather: 45º 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** | 0.14 | 85 | 4.0 | 0.955 | 60 | 636 | 0.0 |
| **DDC-10** | 0.17 | 85 | 4.2 | 0.985 | 62 | 641 | 0.0 |
| **DDC-09** | 0.35 | 85 | 4.9 | 1.028 | 62 | 914 | 0.3 |
| **DDC-08** | 0.30 | 85 | 4.0 | 1.582 | 62 | 942 | 1.8 |
| **DDC-07** | 0.23 | 80 | 4.4 | 1.583 | 62 | 501 | 0.0 |
| **DDC-06** | 0.20 | 87 | 4.5 | 1.682 | 60 | 677 | 0.0 |

**DDC WELLHEAD OPERATING DATA**

| WELL ID | PZ SHALLOW (FT) | PZ DEEP (FT) | Air Space (FT) | COMMETS | MW ID | DTW (FT) |
|---|---|---|---|---|---|---|
| **DDC-05** | 11.08 | 16.17 | 5.0' | (1) Drained condensate valve | NA | NA |
| **DDC-10** | 10.65 | 14.72 | 2.0' | --- | NA | NA |
| **DDC-09** | 10.40 | 15.72 | 1.5' | --- | NA | NA |
| **DDC-08** | 9.85 | 14.74 | 1.0' | --- | NA | NA |
| **DDC-07** | 10.20 | 12.43 | 1.0' | 3-inches of pooled water within vault | NA | NA |
| **DDC-06** | 10.07 | 10.21 | 4.0' | (2) 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 | 0.8 |
| **Intermediate #1** | SP-403B | 0.0 | **Intermediate #1** | SP-403A | 0.3 |
| **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)** | 76 |
| **Pump Pressure (PSI)** | 25 |
| **Freon High Pres. (PSI)** | 220 |
| **Freon Low Pres. (PSI)** | 73 |

**TECHNICIAN COMMENTS/NOTES:**

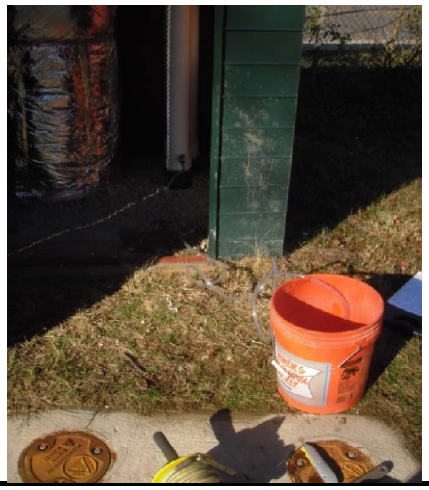
1 - DDC-5's condensate valve was drained for 5 minutes, from which a half gallon of water was produced. After 5 minutes, the valve drained mostly air.

2 - DDC-6's condensate valve was drained for 1 minute, from which a less than a quarter gallon of water was produced. DDC-6 produced mostly air from the initial release of the valve.

**PHOTOGRAPHIC LOG**
**Date: 12-19-12**
**AECOM Job No.**
**National Heatset Printing Site - Off-Site**

| PHOTO | DATE | TIME | DESCRIPTION | COMMENTS |
|---|---|---|---|---|
| Picture 343 | 12/19/2012 | 12:00 | DDC-6 condensate valve was drained in a five (5)-gallon bucket for one (1) minute. | |
| Picture 352 | 12/19/2012 | 12:30 | Pipe insulation was installed on the four (4)-inch injection lines within the DDC-5 & 6 sheds. | |

# Photos (12.19.12)



**Picture 343-** DDC-6 condensate valve was drained in a five (5)-gallon bucket for one (1) minute.

**Picture 352-** Pipe insulation was installed on the four (4)-inch injection lines within the DDC-5 & 6 sheds.