

Project: National Heatset Printing Site - 1 Adams Boulevard, Farmingdale, NY - Site Management  
 Contractors: AECOM and Preferred Environmental Services

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

AECOM Job No: 60135649  
 Site No: 152140  
 AECOM Project Manager: Walt Howard

**DAILY REPORT**

Day: 

S	M	T	W	TH	F	S
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Date: 10-Apr-13

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	8:00 - 9:05	Preferred

**VISITORS**

Name	Time (From - To)	Representing	Remarks
N/A	N/A	N/A	N/A

**EQUIPMENT AT THE SITE**

I = Idle W = Working

1. Camera - W	3. Pressure Gauges - W	5. Vacuum Pump - W
2. PID - W	4. Velocity & Temperature Meter - W	

**OPERATION & MAINTENANCE ACTIVITIES**

AECOM/Preferred Site Representative: <u>Thomas Fitzpatrick - Preferred</u>
<b>DESCRIPTION OF WORK PERFORMED AND OBSERVED</b>
8:00 - Preferred on-site. Both systems were running upon arrival with no alarms lit.
8:05 - O&M started on System #2.
8:30 - O&M started on System #1.
9:00 - Weekly O&M completed.
9:05 - Preferred locked both systems and all parties off-site. Both systems running upon departure.

- Designates report is continued on additional pages

AECOM/Preferred Site Representative: Thomas Fitzpatrick (Preferred) Project Manager: W. Howard Page 1 of 7

# AECOM

40 British American Boulevard, Airport Park, Latham, NY 12110 tel: (518) 782-4500 fax: (518) 786-3810



**PREFERRED ENVIRONMENTAL SERVICES**

323 Merrick Avenue - North Merrick, New York 11566 Tel: (516) 546-1100 Fax : (516) 213-8156

**National Heatset Printing Site, Farmingdale, NY**

**Contract No. , Site No. 152140**

**Monitoring Table April 10, 2013**

DATE: 4/10/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 48 Deg. F Bright Sun

**TCE Groundwater Treatment System #1 STATUS: ON OFF**

## I: System Data Collection

Run Time Meter Reading : 648.5 hours

Total Run Time Meter Reading: 15,069.0 hours @ 8:45

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
8:32	Extracted From Well	TI-01	15.0	59.0	DDC-1
8:32	Extracted From Well	TI-02	15.0	59.0	DDC-2
8:33	Pre-Heater Outlet	TI-03	24.0	75.2	Post Shell and Tubing
8:32	Pre-Heater Input	TI-04	16.5	61.7	Before Shell and Tubing
8:32	After Cooler Outlet	TI-05	20.0	68.0	Post Cooler Reading
8:32	After Cooler Input	TI-06	37.0	98.6	Before Cooler Reading
8:33	Blower Outlet	TI-07	47.0	116.6	Going to Pre-heater
8:33	Between GAC Units	TI-08	24.0	75.2	After GAC #1
8:33	GAC Unit Output	TI-09	23.0	73.4	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
8:31	FI-01	Extracted From DDC-1	90
8:31	FI-02	Extracted From DDC-2	315

Comments: Flow meters are set on return pipes to wells. FI-01 in non-functioning and needs to be replaced.

Pressure/Vacuum Monitoring				
Time	Location	PI/VI-ID	Pressure	Comments
8:31	Discharge to Well	PI-01	3.2 PSI	DDC-1
8:31	Discharge to Well	PI-02	2.6 PSI	DDC-2
8:31	Drum	PI-03	-26.5 in. H2O	Vacuum Reading Going to Blower

DATE: 4/10/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 48 Deg. F Bright Sun

### TCE Groundwater Treatment System #1

#### GAC Unit Information

Influent Port		
TIME	PID VOC ppm	Temp Deg. F
8:16	0.9	71.5

Comments:

Between GAC Unit #1 and GAC Unit #2		
TIME	PID VOC ppm	Temp Deg. F
8:42	0.1	74.1

Comments:

Effluent Port		
TIME	PID VOC ppm	Temp Deg. F
8:39	0.0	63.8

Comments:

## II: System Maintenance and Observations

#### Inspection of Water Column in DDC Wells

Well#	Comments
DDC-1	Bubbling in well is not sufficient.
DDC-2	Bubbling in well is sufficient.

#### Inspection of Sumps Associated with DDC Wells

Well#	Comments
DDC-1	No sump associated with this well.
DDC-2	1-inch of water was observed in this sump.

Liquid Levels in Knock-Out Tanks
Comments: No liquid found in either knock-out tank.

Oil Level on Blower
Comments: Oil levels were good. Oil was Changed n 4/19/12 with Omega SB-220 oil.

Addition Comments:
<i>Flow Gauge, FI-01, is non-functioning and needs to be replaced.</i>
<i>Slight whistling emanating from within the treatment shed.</i>

## III: System Evaluation

System is operating satisfactorily  
 AECOM recommends / implements the following....

## IV: Sampling / Lab Data

N/A
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DATE: 4/10/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 48 Deg. F Bright Sun

GWTT EQUIPMENT INFORMATION

TCE Groundwater Treatment System #2 STATUS: ON OFF

**I: System Data Collection**

Total Run Time Meter Reading: 17,813.8 hours @ 9:02  
System Running at 40.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
8:10	Carbon Unit Inlet	CA01	22.5	72.5	Carbon Unit #1
8:09	Pre-Heater	PHA01	29.4	85	After Shell and Tubing
8:10	Blower Panel	B01	65.6	150	Exiting Blower
8:09	After Cooler Outlet	AC01	41.7	107	Post Cooler Piping
8:09	Pre-Heater	PHB01	54.4	130	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
8:08	WD01	Injected Air to DDC-3	140
8:08	WD02	Injected Air to DDC-4	189

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
8:09	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
8:10	Carbon-Unit #1 Outlet	CA1	-3.6 in. Hg	Vacuum exiting GAC #1
8:08	Discharge to Wells	WD2	2.6 PSI	Pressure reading on piping prior to splicing off to both wells
8:10	Blower Panel	BP01	-1.0 in. Hg	Vacuum coming off of blower
8:10	Carbon Unit #2 Outlet	CA2	-3.2 in. Hg	Vacuum exiting GAC #2
8:55	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
8:51	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 4/10/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 48 Deg. F Bright Sun

**TCE Groundwater Treatment System #2**

**GAC Unit Information**

**Influent Port GAC#1**

TIME	PID VOC ppm	Temp Deg. F
8:14	0.6	68.3

Comments:

**Influent Port GAC#2**

TIME	PID VOC ppm	Temp Deg. F
8:17	0.5	67.8

Comments:

**Effluent**

TIME	PID VOC ppm	Temp Deg. F
8:20	0.0	70.8

Comments:

**II: System Maintenance and Observations**

**Inspection of Water Column in DDC Wells**

Well#	Comments
DDC-3	Bubbling is sufficient in well.
DDC-4	Bubbling is sufficient in well.

**Inspection of Sumps Associated with DDC Wells**

Well#	Comments
DDC-3	One (1)-inch of water was detected. Sump was observed to be non-functioning on 3-27-13. Pump was pulled and water within the sump was drained via a whale pump.
DDC-4	One (1)-inch of water was detected.

Liquid Levels in Knock-Out Tanks
Comments: No water detected.

Oil Level on Blower
Comments: Oil levels were good. Oil was changed on 4/19/12 with Omega SB-220 oil.

Addition Comments:	<b><i>Vacuum gauge, BP01, is non-functioning and needs to be replaced.</i></b>
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**III: System Evaluation**

- System is operating satisfactorily
- AECOM recommends / implements the following....

**IV: Sampling / Lab Data**

N/A
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**PHOTOGRAPHIC LOG**  
**Date: 4-10-13**  
**AECOM Job No.**  
**National Headset Printing Site**

<b>PHOTO</b>	<b>DATE</b>	<b>TIME</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
Picture 0026	4/10/2013	8:05	Both systems were running upon arrival with no alarms triggered.	
Picture 0031	4/10/2013	9:00	Oil levels were sufficient in each blower associated with System #1 and System #2.	

# Photos (04.10.13)



**Picture 0026** - Both systems were running upon arrival with no alarms triggered.



**Picture 0031** - Oil levels were sufficient in each blower associated with System #1 and System #2.