

Project: National Heatset Printing Site - 1 Adams Boulevard, Farmingdale, NY - Site Management  
Contractors: AECOM and Preferred Environmental Services  
AECOM Job No: 60135649  
Site No: 152140  
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
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Date: 23-Jan-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	9:54 - 11:10	Preferred
Daniel Prisco-Buxbaum	Technician	9:54 - 11:10	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
2. PID - W	4. Velocity & Temperature Meter - W	

### OPERATION & MAINTENANCE ACTIVITIES

AECOM/Preferred Site Representative: Thomas Fitzpatrick - Preferred
DESCRIPTION OF WORK PERFORMED AND OBSERVED
9:54 - Both systems were operational upon arrival.
10:00 - O&M started on System #1.
10:35 - O&M started on System #2.
11:05 - Weekly O&M completed.
11:10 - 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 January 23, 2013**

DATE: 1/23/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 20 Deg. F Partly Cloudy

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

## **I: System Data Collection**

Run Time Meter Reading : 187.8 hours

Total Run Time Meter Reading: 13,482.9 hours @11:00

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
10:04	Extracted From Well	TI-01	12.0	53.6	DDC-1
10:04	Extracted From Well	TI-02	12.0	53.6	DDC-2
10:06	Pre-Heater Outlet	TI-03	20.0	68.0	Post Shell and Tubing
10:05	Pre-Heater Input	TI-04	14.0	57.2	Before Shell and Tubing
10:09	After Cooler Outlet	TI-05	26.0	78.8	Post Cooler Reading
10:05	After Cooler Input	TI-06	32.0	89.6	Before Cooler Reading
10:05	Blower Outlet	TI-07	39.0	102.2	Going to Pre-heater
10:06	Between GAC Units	TI-08	20.0	68.0	After GAC #1
10:06	GAC Unit Output	TI-09	19.0	66.2	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
10:03	FI-01	Extracted From DDC-1	0
10:06	FI-02	Extracted From DDC-2	200

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
10:02	Discharge to Well	PI-01	2.2 PSI	DDC-1
10:02	Discharge to Well	PI-02	2.0 PSI	DDC-2
10:05	Drum	PI-03	-29.0 in. H2O	Vacuum Reading Going to Blower

DATE: 1/23/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 20 Deg. F Partly Cloudy

## TCE Groundwater Treatment System #1

### GAC Unit Information

#### Influent Port

TIME	PID VOC ppm	Temp Deg. F
10:14	3.8	63.3

Comments:

#### Between GAC Unit #1 and GAC Unit #2

TIME	PID VOC ppm	Temp Deg. F
10:17	0.0	62.2

Comments:

#### Effluent Port

TIME	PID VOC ppm	Temp Deg. F
10:20	0.0	53.4

Comments:

## II: System Maintenance and Observations

### Inspection of Water Column in DDC Wells

Well#	Comments
DDC-1	Bubbling in well is 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:

*Light bulbs within the System #1 shed need to be replaced.*

*Flow Gauge, FI-01, is non-functioning and needs to be replaced.*

## III: System Evaluation



System is operating satisfactorily

AECOM recommends / implements the following....

*replacing light bulbs and evaluate FI-01 next event*

## IV: Sampling / Lab Data

N/A

DATE: 1/23/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 20 Deg. F Partly Cloudy

GWTT EQUIPMENT INFORMATION

**TCE Groundwater Treatment System #2**      **STATUS: ON    OFF**

**I: System Data Collection**

Total Run Time Meter Reading: 16,103.6 hours @ 11:01

System Running at 41.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
10:43	Carbon Unit Inlet	CA01	10.0	50.0	Carbon Unit #1
10:38	Pre-Heater	PHA01	20.0	68.0	After Shell and Tubing
10:41	Blower Panel	B01	48.9	120.0	Exiting Blower
10:40	After Cooler Outlet	AC01	25.6	78.0	Post Cooler Piping
10:39	Pre-Heater	PHB01	40.6	105.0	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
10:36	WD01	Injected Air to DDC-3	154
10:35	WD02	Injected Air to DDC-4	224

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
10:36	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
10:43	Carbon-Unit #1 Outlet	CA1	-3.0 in. Hg	Vacuum exiting GAC #1
10:36	Discharge to Wells	WD2	2.4 PSI	Pressure reading on piping prior to splicing off to both wells
10:40	Blower Panel	BP01	-0.0 in. Hg	Vacuum coming off of blower
10:42	Carbon Unit #2 Outlet	CA2	-2.5 in. Hg	Vacuum exiting GAC #2
10:55	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
10:52	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 1/23/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 20 Deg. F Partly Cloudy

## TCE Groundwater Treatment System #2

### GAC Unit Information

#### Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
10:45	0.9	41.7

Comments:

#### Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
10:46	0.9	44.5

Comments:

#### Effluent

TIME	PID VOC ppm	Temp Deg. F
10:47	0.0	49.0

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	1-inch of water was observed in this sump.
DDC-4	About one (1) foot of water observed in sump. Sump pump not functioning and needs to be replaced.

### 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:

***Sump pump associated with DDC-4 was not functioning and needs to be replaced. Vacuum gauge, BP-01, was also not functioning and needs to be replaced.***

## III: System Evaluation



System is operating satisfactorily



AECOM recommends / implements the following....

*replace sump pump. Evaluate BP-01 next event.*

## IV: Sampling / Lab Data

N/A

**PHOTOGRAPHIC LOG**  
**Date: 1-23-13**  
**AECOM Job No.**  
**National Headset Printing Site**

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture 389	1/23/2013	10:03	Flow Gauge, FI-01, is non-functioning and needs to be replaced.	
Picture 399	1/23/2013	10:52	View of the DDC-4 well with its associated pressure gauge reading 0.4 PSI.	

## Photos (01.23.13)



**Picture 389** - Flow Gauge, FI-01, is non-functioning and needs to be replaced.



**Picture 399** - View of the DDC-4 well with its associated pressure gauge reading 0.4 PSI.