

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: 8-Feb-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	11:42 - 12:30	Preferred
Dennis Berthold	Technician	11:42 - 12:30	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
11:30 - Both systems were on with no alarms lit upon arrival.
11:35 - Thomas Fitzpatrick started O&M on System #2.
11:35 - Dennis Berthold started O&M on System #1.
12:25 - Weekly O&M completed.
12:30 - 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 February 08, 2013**

DATE: 2/08/13

DAY: Friday

TECHNICIAN: Thomas Fitzpatrick

Weather: 35 Deg. F Rain

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

## I: System Data Collection

Run Time Meter Reading : 193.2 hours

Total Run Time Meter Reading: 13,788.6 hours @ 12:20

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
11:54	Extracted From Well	TI-01	16.0	60.8	DDC-1
11:54	Extracted From Well	TI-02	12.0	53.6	DDC-2
11:58	Pre-Heater Outlet	TI-03	23.0	73.4	Post Shell and Tubing
11:56	Pre-Heater Input	TI-04	14.0	57.2	Before Shell and Tubing
11:55	After Cooler Outlet	TI-05	27.0	80.6	Post Cooler Reading
11:56	After Cooler Input	TI-06	37.0	98.6	Before Cooler Reading
11:57	Blower Outlet	TI-07	46.0	114.8	Going to Pre-heater
11:58	Between GAC Units	TI-08	22.0	71.6	After GAC #1
11:58	GAC Unit Output	TI-09	21.0	69.8	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
11:52	FI-01	Extracted From DDC-1	0
11:03	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
11:51	Discharge to Well	PI-01	2.9 PSI	DDC-1
11:52	Discharge to Well	PI-02	2.2 PSI	DDC-2
11:58	Drum	PI-03	-26.0 in. H2O	Vacuum Reading Going to Blower

DATE: 2/08/13

DAY: Friday

TECHNICIAN: Thomas Fitzpatrick

Weather: 35 Deg. F Rain

## TCE Groundwater Treatment System #1

### GAC Unit Information

#### Influent Port

TIME	PID VOC ppm	Temp Deg. F
12:08	1.7	64.7

Comments:

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

TIME	PID VOC ppm	Temp Deg. F
12:15	0.0	64.7

Comments:

#### Effluent Port

TIME	PID VOC ppm	Temp Deg. F
12:12	0.0	50.2

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: 2/08/13

DAY: Friday

TECHNICIAN: Thomas Fitzpatrick

Weather: 35 Deg. F Rain

GWTT EQUIPMENT INFORMATION

TCE Groundwater Treatment System #2      STATUS: ON      OFF

**I: System Data Collection**

Total Run Time Meter Reading: 16,448.1 hours @ 12:26

System Running at 40.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
11:48	Carbon Unit Inlet	CA01	14.0	57.2	Carbon Unit #1
11:47	Pre-Heater	PHA01	23.9	75.0	After Shell and Tubing
11:47	Blower Panel	B01	79.4	175.0	Exiting Blower
11:47	After Cooler Outlet	AC01	30.0	86.0	Post Cooler Piping
11:47	Pre-Heater	PHB01	46.1	115.0	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
11:45	WD01	Injected Air to DDC-3	147
11:45	WD02	Injected Air to DDC-4	221

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
11:46	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
11:48	Carbon-Unit #1 Outlet	CA1	-3.9 in. Hg	Vacuum exiting GAC #1
11:46	Discharge to Wells	WD2	2.3 PSI	Pressure reading on piping prior to splicing off to both wells
11:47	Blower Panel	BP01	0.0 in. Hg	Vacuum coming off of blower
11:48	Carbon Unit #2 Outlet	CA2	-3.4 in. Hg	Vacuum exiting GAC #2
12:23	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
12:20	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 2/08/13DAY: FridayTECHNICIAN: Thomas FitzpatrickWeather: 35 Deg. F Rain**TCE Groundwater Treatment System #2****GAC Unit Information****Influent Port GAC#1**

TIME	PID VOC ppm	Temp Deg. F
11:52	0.5	50.5

Comments:

**Influent Port GAC#2**

TIME	PID VOC ppm	Temp Deg. F
0.84375	0.4	54.1

Comments:

**Effluent**

TIME	PID VOC ppm	Temp Deg. F
11:58	0.0	56.2

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.***

*Temperature on Blower Panel appears elevated - reading 175 degrees F - typical readings are 130 degrees +/- 10 degrees - will monitoring closely to evaluate reason for elevated temperature.*

**III: System Evaluation**

System is operating satisfactorily

AECOM recommends / implements the following....

replace sump pump. Evaluate BP-01 next event and monitor blower temp.

**IV: Sampling / Lab Data**

N/A

**PHOTOGRAPHIC LOG**  
**Date: 2-08-13**  
**AECOM Job No.**  
**National Headset Printing Site**

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture 452	2/8/2013	10:03	System #2 was on upon arrival with no alarms triggered on the control panel.	
Picture 458	2/8/2013	10:52	DDC-4 and its associated sump was visually inspected. The sump pump has continued to be non-functioning since 1/17/2013.	

## Photos (02.08.13)



**Picture 452** - System #2 was on upon arrival with no alarms triggered on the control panel.



**Picture 458** - DDC-4 and its associated sump was visually inspected. The sump pump has continued to be non-functioning since 1/17/2013.