

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: 20-Mar-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	10:52 - 11:57	Preferred

### VISITORS

Name	Time (From - To)	Representing	Remarks
Name	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: <u>Thomas Fitzpatrick - Preferred</u>
DESCRIPTION OF WORK PERFORMED AND OBSERVED
10:52 - Preferred on-site. Both systems were running upon arrival.
10:56 - O&M started on System #2.
11:22 - O&M started on System #1.
11:52 - Weekly O&M completed.
11:57 - Preferred locked both systems and all parties off-site. Both systems running upon departure.

☒ x - 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 March 20, 2013**

DATE: 3/20/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 38 Deg. F Partly Cloudy

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

## I: System Data Collection

Run Time Meter Reading : 147.6 hours

Total Run Time Meter Reading: 14,568.2 hours @ 11:52

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
11:28	Extracted From Well	TI-01	19.0	66.2	DDC-1
11:28	Extracted From Well	TI-02	14.0	57.2	DDC-2
11:29	Pre-Heater Outlet	TI-03	25.0	77.0	Post Shell and Tubing
11:29	Pre-Heater Input	TI-04	16.0	60.8	Before Shell and Tubing
11:28	After Cooler Outlet	TI-05	32.0	89.6	Post Cooler Reading
11:29	After Cooler Input	TI-06	41.0	105.8	Before Cooler Reading
11:29	Blower Outlet	TI-07	51.0	123.8	Going to Pre-heater
11:29	Between GAC Units	TI-08	26.0	78.8	After GAC #1
11:29	GAC Unit Output	TI-09	24.0	75.2	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
11:28	FI-01	Extracted From DDC-1	90
11:28	FI-02	Extracted From DDC-2	325

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
11:27	Discharge to Well	PI-01	3.3 PSI	DDC-1
11:27	Discharge to Well	PI-02	2.6 PSI	DDC-2
11:27	Drum	PI-03	-26.0 in. H2O	Vacuum Reading Going to Blower

DATE: 3/20/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 38 Deg. F Partly Cloudy

## TCE Groundwater Treatment System #1

### GAC Unit Information

#### Influent Port

TIME	PID VOC ppm	Temp Deg. F
11:35	3.2	71.0

Comments:

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

TIME	PID VOC ppm	Temp Deg. F
11:45	0.0	74.6

Comments:

#### Effluent Port

TIME	PID VOC ppm	Temp Deg. F
11:39	0.0	66.0

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:

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

## III: System Evaluation



System is operating satisfactorily

AECOM recommends / implements the following....

## IV: Sampling / Lab Data

N/A

DATE: 3/20/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 38 Deg. F Partly Cloudy

GWTT EQUIPMENT INFORMATION

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

**I: System Data Collection**

Total Run Time Meter Reading: 17,313.0 hours @ 11:55

System Running at 40.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
10:59	Carbon Unit Inlet	CA01	15.0	59.0	Carbon Unit #1
10:58	Pre-Heater	PHA01	25.6	78	After Shell and Tubing
10:58	Blower Panel	B01	57.2	135	Exiting Blower
10:58	After Cooler Outlet	AC01	32.8	91	Post Cooler Piping
10:58	Pre-Heater	PHB01	48.9	120	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
10:57	WD01	Injected Air to DDC-3	147
10:57	WD02	Injected Air to DDC-4	190

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
10:57	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
10:59	Carbon-Unit #1 Outlet	CA1	-3.5 in. Hg	Vacuum exiting GAC #1
10:57	Discharge to Wells	WD2	2.7 PSI	Pressure reading on piping prior to splicing off to both wells
10:58	Blower Panel	BP01	0.00 in. Hg	Vacuum coming off of blower
10:58	Carbon Unit #2 Outlet	CA2	-3.0 in. Hg	Vacuum exiting GAC #2
11:19	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
11:15	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 3/20/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 38 Deg. F Partly Cloudy

## TCE Groundwater Treatment System #2

### GAC Unit Information

#### Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
11:01	1.8	52.8

Comments:

#### Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
11:09	1.2	58.0

Comments:

#### Effluent

TIME	PID VOC ppm	Temp Deg. F
11:07	0.0	58.0

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	No water was observed in this sump.
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:

*Vacuum gauge, BP01, is non-functioning and needs to be replaced.*

## III: System Evaluation



System is operating satisfactorily



AECOM recommends / implements the following....

## IV: Sampling / Lab Data

N/A

**PHOTOGRAPHIC LOG**  
**Date: 3-20-13**  
**AECOM Job No.**  
**National Headset Printing Site**

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture 004	3/20/2013	11:28	View of the flow gauges within the System #1 trailer. Flow meter, FI-01, was gauged to read 90 SCFM.	
Picture 005	3/20/2013	11:30	The knock-out pumps within the System #1 trailer are functioning as indicated by the empty knock-out tanks.	

# Photos (03.20.13)



**Picture 004** - View of the flow gauges within the System #1 trailer. Flow meter, FI-01, was gauged to read 90 SCFM.



**Picture 005** - The knock-out pumps within the System #1 trailer are functioning as indicated by the empty knock-out tanks.