

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: 14-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	8:03 - 10:27	Preferred

### VISITORS

Name	Time (From - To)	Representing	Remarks
Robert Peterson	8:11 - 10:27	EA Engineering	NA
Sam Rowe	8:20 - 10:27	AECOM	NA
John & 3 workers	8:08 - 9:10	Gray Electric	NA
Kaleel	9:35 - 10:25	Verizon	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	
8:03 - Preferred on-site. Both systems were down upon arrival with the VFD associated with System #2 reading a "Mom Power Loss".	
8:08 - Gray electric on-site to assess the relay associated with the auto-dialer within the System #2 trailer. The relay was determined to be functioning properly but the Direct Logic 205 unit was not powering the relay. Assessment of the unit must be made by the original installers of same.	
9:02 - O&M started on System #1.	
9:10 - Gray Electric off-site.	
9:35 - Verizon on-site to assess the phone line associated with System #1's auto-dialer. Verizon confirmed no ringtone at the trailer but needed to a bucket truck to further assess why the phone line is not dialing out. AECOM will be updated by Verizon when the assessment is completed.	
9:42 - O&M started on System #2.	
10:20 - Weekly O&M completed.	
10:27 - Preferred locked both systems and all parties off-site. Both systems running upon departure.	

x
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 - 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 14, 2013**

DATE: 3/14/13

DAY: Thursday

TECHNICIAN: Thomas Fitzpatrick

Weather: 33 Deg. F Partly Cloudy

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

## I: System Data Collection

Run Time Meter Reading : 1.9 hours

Total Run Time Meter Reading: 14,422.5 hours @ 11:14

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
9:05	Extracted From Well	TI-01	4.0	39.2	DDC-1
9:05	Extracted From Well	TI-02	11.0	51.8	DDC-2
9:07	Pre-Heater Outlet	TI-03	16.0	60.8	Post Shell and Tubing
9:06	Pre-Heater Input	TI-04	11.0	51.8	Before Shell and Tubing
9:06	After Cooler Outlet	TI-05	17.0	62.6	Post Cooler Reading
9:06	After Cooler Input	TI-06	25.0	77.0	Before Cooler Reading
9:07	Blower Outlet	TI-07	35.0	95.0	Going to Pre-heater
9:07	Between GAC Units	TI-08	16.0	60.8	After GAC #1
9:07	GAC Unit Output	TI-09	11.0	51.8	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
10:56	FI-01	Extracted From DDC-1	90
10:56	FI-02	Extracted From DDC-2	354

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
10:57	Discharge to Well	PI-01	3.3 PSI	DDC-1
10:57	Discharge to Well	PI-02	2.5 PSI	DDC-2
10:57	Drum	PI-03	-27.5 in. H2O	Vacuum Reading Going to Blower

DATE: 3/14/13

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TECHNICIAN: Thomas Fitzpatrick

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## TCE Groundwater Treatment System #1

### GAC Unit Information

#### Influent Port

TIME	PID VOC ppm	Temp Deg. F
9:20	1.3	60.2

Comments:

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

TIME	PID VOC ppm	Temp Deg. F
9:27	0.0	60.9

Comments:

#### Effluent Port

TIME	PID VOC ppm	Temp Deg. F
9:24	0.0	51.9

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: 3/14/13

DAY: Thursday

TECHNICIAN Thomas Fitzpatrick

Weather: 33 Deg. F Partly Cloudy

GWTT EQUIPMENT INFORMATION

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

**I: System Data Collection**

Total Run Time Meter Reading: 17,167.4 hours @ 10:17

System Running at 40.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
9:49	Carbon Unit Inlet	CA01	12.0	53.6	Carbon Unit #1
9:48	Pre-Heater	PHA01	21.7	71	After Shell and Tubing
9:49	Blower Panel	B01	48.9	120	Exiting Blower
9:48	After Cooler Outlet	AC01	26.7	80	Post Cooler Piping
9:48	Pre-Heater	PHB01	43.9	111	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
9:47	WD01	Injected Air to DDC-3	147
9:47	WD02	Injected Air to DDC-4	210

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
9:47	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
9:49	Carbon-Unit #1 Outlet	CA1	-3.3 in. Hg	Vacuum exiting GAC #1
9:47	Discharge to Wells	WD2	2.5 PSI	Pressure reading on piping prior to splicing off to both wells
9:48	Blower Panel	BP01	0.00 in. Hg	Vacuum coming off of blower
9:49	Carbon Unit #2 Outlet	CA2	-2.8 in. Hg	Vacuum exiting GAC #2
10:05	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
9:43	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 3/14/13

DAY: Thursday

TECHNICIAN Thomas Fitzpatrick

Weather: 33 Deg. F Partly Cloudy

## TCE Groundwater Treatment System #2

### GAC Unit Information

#### Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
9:55	0.6	45.6

Comments:

#### Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
9:59	0.5	52.1

Comments:

#### Effluent

TIME	PID VOC ppm	Temp Deg. F
10:02	0.0	52.3

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: 3-14-13**  
**AECOM Job No.**  
**National Headset Printing Site**

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture 002	3/14/2013	8:30	View of the Direct Logic 205 unit within the control panel of System #2.	
Picture 003	3/14/2013	9:30	Bubbling was observed on the well head of DDC-1.	

## Photos (03.6.13)



**Picture 002** - View of the Direct Logic 205 unit within the control panel of System #2.



**Picture 003** - Bubbling was observed on the well head of DDC-1.