

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: 27-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	12:31 - 14:05	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>
<b>DESCRIPTION OF WORK PERFORMED AND OBSERVED</b>
12:31 - Preferred on-site. Both systems were running upon arrival.
12:35 - O&M started on System #2.
12:59 - O&M started on System #1.
13:30 - Sump pump associated with DDC-3 was observed to be non-functioning.
13:40 - As per GWTT (James Balasko) the auto-dialer's power alarm delay setting was reduced to zero (0) seconds from five (5) seconds, allowing for a momentary power loss of the system to call out.
14:00 - Weekly O&M completed.
14:05 - 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



**National Heatset Printing Site, Farmingdale, NY  
Contract No. , Site No. 152140  
Monitoring Table March 27 2013**

DATE: 3/27/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 50 Deg. F Partly Cloudy

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

## I: System Data Collection

Run Time Meter Reading : 317.7 hours

Total Run Time Meter Reading: 14,738.3 hours @ 14:02

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
12:59	Extracted From Well	TI-01	22.0	71.6	DDC-1
12:59	Extracted From Well	TI-02	15.0	59.0	DDC-2
13:01	Pre-Heater Outlet	TI-03	28.0	82.4	Post Shell and Tubing
13:01	Pre-Heater Input	TI-04	18.0	64.4	Before Shell and Tubing
13:00	After Cooler Outlet	TI-05	36.0	96.8	Post Cooler Reading
13:01	After Cooler Input	TI-06	42.0	107.6	Before Cooler Reading
13:01	Blower Outlet	TI-07	54.0	129.2	Going to Pre-heater
13:01	Between GAC Units	TI-08	28.0	82.4	After GAC #1
13:01	GAC Unit Output	TI-09	26.0	78.8	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
12:59	FI-01	Extracted From DDC-1	90
12:59	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
13:00	Discharge to Well	PI-01	3.3 PSI	DDC-1
13:00	Discharge to Well	PI-02	2.6 PSI	DDC-2
13:00	Drum	PI-03	-26.0 in. H2O	Vacuum Reading Going to Blower

DATE: 3/27/13

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### TCE Groundwater Treatment System #1

Influent Port		
TIME	PID VOC ppm	Temp Deg. F
13:05	0.5	80.7

Comments:

GAC Unit Information Between GAC Unit #1 and GAC Unit #2		
TIME	PID VOC ppm	Temp Deg. F
13:13	0.0	76.8

Comments:

Effluent Port		
TIME	PID VOC ppm	Temp Deg. F
13:09	0.0	68.3

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>
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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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DATE: 3/27/13

DAY: Wednesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 50 Deg. F Partly Cloudy

GWTT EQUIPMENT INFORMATION

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

**I: System Data Collection**

Total Run Time Meter Reading: 17,481.7 hours @ 13:59  
System Running at 40.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
12:35	Carbon Unit Inlet	CA01	16.0	60.8	Carbon Unit #1
12:34	Pre-Heater	PHA01	12.2	54	After Shell and Tubing
12:35	Blower Panel	B01	60.0	140	Exiting Blower
12:34	After Cooler Outlet	AC01	37.2	99	Post Cooler Piping
12:34	Pre-Heater	PHB01	52.2	126	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
12:33	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
12:35	Carbon-Unit #1 Outlet	CA1	-3.6 in. Hg	Vacuum exiting GAC #1
12:33	Discharge to Wells	WD2	2.7 PSI	Pressure reading on piping prior to splicing off to both wells
12:34	Blower Panel	BP01	-0.5 in. Hg	Vacuum coming off of blower
12:34	Carbon Unit #2 Outlet	CA2	-3.2 in. Hg	Vacuum exiting GAC #2
13:15	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
13:18	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 3/27/13

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Weather: 50 Deg. F Partly Cloudy

### TCE Groundwater Treatment System #2

#### GAC Unit Information

##### Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
12:39	1.8	67.4

Comments:

##### Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
12:42	3.4	66.7

Comments:

##### Effluent

TIME	PID VOC ppm	Temp Deg. F
12:46	0.0	65.6

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	Ten (10)-inches of water was detected. Sump was observed to be non-functioning. 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....

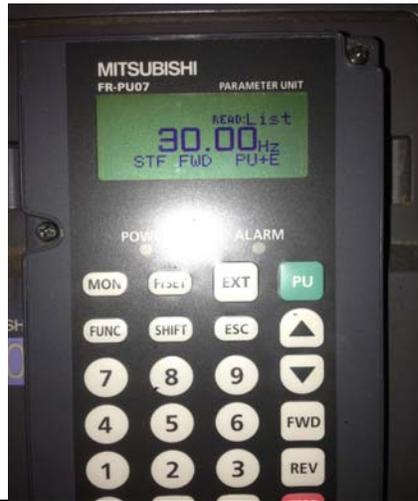
## IV: Sampling / Lab Data

N/A
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**PHOTOGRAPHIC LOG**  
**Date: 3-27-13**  
**AECOM Job No.**  
**National Headset Printing Site**

<b>PHOTO</b>	<b>DATE</b>	<b>TIME</b>	<b>DESCRIPTION</b>	<b>COMMENTS</b>
Picture 3566	3/27/2013	12:59	he Variable Frequency Drive (VFD) for System #1 is set for 30 Hz.	
Picture 3567	3/27/2013	13:10	Air samples were screened utilizing a PID and tedlar bags from the influent, midpoint, and effluent sample ports.	

# Photos (03.27.13)



**Picture 3566** - The Variable Frequency Drive (VFD) for System #1 is set for 30 Hz.



**Picture 3567** - Air samples were screened utilizing a PID and tedlar bags from the influent, midpoint, and effluent sample ports.