

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: 17-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	12:11 - 13:53	Preferred
Dennis Berthold	Technician	12:11 - 13:53	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
12:11 - Both systems were operational upon arrival. O&M started on System #2.
12:30 - Air samples were taken via Tedlar bags of the two (2) influent and one (1) effluent sample ports.
13:20 - O&M started on System #1.
13:33 - Air samples were taken via Tedlar bags of the influent, midpoint, and effluent sample ports.
13:45 - Weekly O&M completed.
13:53 - 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

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National Heatset Printing Site, Farmingdale, NY
Contract No. , Site No. 152140
Monitoring Table January 17, 2013

DATE: 1/17/13

DAY: Thursday

TECHNICIAN: Thomas Fitzpatrick

Weather: 40 Deg. F Partly Cloudy

TCE Groundwater Treatment System #1 STATUS: ON OFF

I: System Data Collection

Run Time Meter Reading : 46.6 hours

Total Run Time Meter Reading: 13,341.7 hours

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
13:21	Extracted From Well	TI-01	13.0	55.4	DDC-1
13:21	Extracted From Well	TI-02	12.0	53.6	DDC-2
13:22	Pre-Heater Outlet	TI-03	23.0	73.4	Post Shell and Tubing
13:22	Pre-Heater Input	TI-04	14.5	58.1	Before Shell and Tubing
13:22	After Cooler Outlet	TI-05	28.5	83.3	Post Cooler Reading
13:22	After Cooler Input	TI-06	36.0	96.8	Before Cooler Reading
13:23	Blower Outlet	TI-07	44.0	111.2	Going to Pre-heater
13:23	Between GAC Units	TI-08	23.0	73.4	After GAC #1
13:23	GAC Unit Output	TI-09	22.0	71.6	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
13:24	FI-01	Extracted From DDC-1	189
13:24	FI-02	Extracted From DDC-2	200

Comments: Flow meters are set on return pipes to wells.

Pressure/Vacuum Monitoring				
Time	Location	PI/VI-ID	Pressure	Comments
13:21	Discharge to Well	PI-01	2.2 PSI	DDC-1
13:21	Discharge to Well	PI-02	2.1 PSI	DDC-2
13:21	Drum	PI-03	-28.8 in. H2O	Vacuum Reading Going to Blower

DATE: 1/17/13

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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
13:33	6.9	72.3

Comments:

Between GAC Unit #1 and GAC Unit #2		
TIME	PID VOC ppm	Temp Deg. F
13:41	0.5	70.6

Comments:

Effluent Port		
TIME	PID VOC ppm	Temp Deg. F
13:36	0.5	66.1

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:
<i>Light bulbs within the System #1 shed need to be replaced.</i>

III: System Evaluation

System is operating satisfactorily
 AECOM recommends / implements the following....

replacing light bulbs

IV: Sampling / Lab Data

N/A

DATE: 1/17/13

DAY: Thursday

TECHNICIAN: Thomas Fitzpatrick

Weather: 40 Deg. F Partly Cloudy

GWTT EQUIPMENT INFORMATION

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

I: System Data Collection

Total Run Time Meter Reading: 15,960.8 hours

System Running at 41.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
12:21	Carbon Unit Inlet	CA01	13.0	55.4	Carbon Unit #1
12:18	Pre-Heater	PHA01	23.9	75.0	After Shell and Tubing
12:19	Blower Panel	B01	57.2	135.0	Exiting Blower
12:17	After Cooler Outlet	AC01	33.3	92.0	Post Cooler Piping
12:18	Pre-Heater	PHB01	46.1	115.0	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
12:16	WD01	Injected Air to DDC-3	157
12:16	WD02	Injected Air to DDC-4	217

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
12:17	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
12:21	Carbon-Unit #1 Outlet	CA1	-3.5 in. Hg	Vacuum exiting GAC #1
12:17	Discharge to Wells	WD2	2.4 PSI	Pressure reading on piping prior to splicing off to both wells
12:19	Blower Panel	BP01	-0.0 in. Hg	Vacuum coming off of blower
12:21	Carbon Unit #2 Outlet	CA2	-3.0 in. Hg	Vacuum exiting GAC #2
12:30	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
9:37	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 1/17/13

DAY: Thursday

TECHNICIAN: Thomas Fitzpatrick

Weather: 40 Deg. F Partly Cloudy

TCE Groundwater Treatment System #2

GAC Unit Information

Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
12:40	2.7	51.6

Comments:

Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
12:58	2.8	56.2

Comments:

Effluent

TIME	PID VOC ppm	Temp Deg. F
13:04	0.4	56.5

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 within 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: 1-17-13
AECOM Job No.
National Headset Printing Site

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture 381	1/17/2013	12:15	The variable frequency drive (VFD) for System #2 was replaced on January 16th, 2013 by D&D electric.	
Picture 396	1/17/2013	9:30	The sump pump associated with DDC-4 was taken out and tested within a 5-gallon bucket of water. Pump was determined to be non-functioning and needs to be replaced.	

Photos (01.17.13)



Picture 381 - The variable frequency drive (VFD) for System #2 was replaced on January 16th, 2013 by D&D electric.



Picture 396 - The sump pump associated with DDC-4 was taken out and tested within a 5-gallon bucket of water. Pump was determined to be non-functioning and needs to be replaced.