

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: 31-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	10:52 - 13:05	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
10:52 - Both systems were off upon arrival. System #1 had all alarms lit, while the VFD in System #2 stated a "Mom Power Loss". Re-started both systems.
11:15 - O&M started on System #2.
11:45 - O&M started on System #1.
12:15 - Confirmed the out going number on both auto-dialers. System #1's auto-dialer not dialing out properly when tested.
13:00 - Weekly O&M completed.
13:05 - 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 January 31, 2013

DATE: 1/31/13

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 : 300.2 hours

Total Run Time Meter Reading: 13,595.3 hours @ 10:59

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
11:46	Extracted From Well	TI-01	9.0	48.2	DDC-1
11:46	Extracted From Well	TI-02	9.5	49.1	DDC-2
11:47	Pre-Heater Outlet	TI-03	16.0	60.8	Post Shell and Tubing
11:47	Pre-Heater Input	TI-04	11.0	51.8	Before Shell and Tubing
11:46	After Cooler Outlet	TI-05	18.0	64.4	Post Cooler Reading
11:46	After Cooler Input	TI-06	26.0	78.8	Before Cooler Reading
11:47	Blower Outlet	TI-07	33.0	91.4	Going to Pre-heater
11:48	Between GAC Units	TI-08	16.0	60.8	After GAC #1
11:48	GAC Unit Output	TI-09	11.0	51.8	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
11:45	FI-01	Extracted From DDC-1	180
11:45	FI-02	Extracted From DDC-2	207

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
11:45	Discharge to Well	PI-01	2.1 PSI	DDC-1
11:45	Discharge to Well	PI-02	2.0 PSI	DDC-2
11:49	Drum	PI-03	-29.0 in. H2O	Vacuum Reading Going to Blower

DATE: 1/31/13

DAY: Thursday

TECHNICIAN: Thomas Fitzpatrick

Weather: 40 Deg. F Partly Cloudy

TCE Groundwater Treatment System #1

GAC Unit Information

Influent Port

TIME	PID VOC ppm	Temp Deg. F
11:50	3.7	63.1

Comments:

Between GAC Unit #1 and GAC Unit #2

TIME	PID VOC ppm	Temp Deg. F
11:53	0.0	62.9

Comments:

Effluent Port

TIME	PID VOC ppm	Temp Deg. F
11:56	0.0	58.4

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: 1/31/13

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: 16,254.6 hours @ 10:55

System Running at 40.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
11:17	Carbon Unit Inlet	CA01	12.5	54.5	Carbon Unit #1
11:15	Pre-Heater	PHA01	18.3	65.0	After Shell and Tubing
11:16	Blower Panel	B01	46.1	115.0	Exiting Blower
11:15	After Cooler Outlet	AC01	23.9	75.0	Post Cooler Piping
11:15	Pre-Heater	PHB01	39.4	103.0	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
11:13	WD01	Injected Air to DDC-3	147
11:13	WD02	Injected Air to DDC-4	221

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
11:14	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
11:17	Carbon-Unit #1 Outlet	CA1	-3.8 in. Hg	Vacuum exiting GAC #1
11:14	Discharge to Wells	WD2	2.1 PSI	Pressure reading on piping prior to splicing off to both wells
11:16	Blower Panel	BP01	-0.022 in. Hg	Vacuum coming off of blower
11:17	Carbon Unit #2 Outlet	CA2	-3.4 in. Hg	Vacuum exiting GAC #2
11:30	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
11:36	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 1/31/13DAY: ThursdayTECHNICIAN: Thomas FitzpatrickWeather: 40 Deg. F Partly Cloudy**TCE Groundwater Treatment System #2****GAC Unit Information****Influent Port GAC#1**

TIME	PID VOC ppm	Temp Deg. F
11:20	1.9	53.2

Comments:

Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
11:24	1.6	52.8

Comments:

Effluent

TIME	PID VOC ppm	Temp Deg. F
11:27	0.0	55.7

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 1/2 -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.

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: 1-31-13
AECOM Job No.
National Headset Printing Site

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture 402	1/31/2013	10:03	System #1 was off upon arrival with all alarms triggered on the control panel.	
Picture 410	1/31/2013	10:52	No water was observed in the site glass associated with either knock out tank in System #1.	

Photos (01.31.13)



Picture 402 - System #1 was off upon arrival with all alarms triggered on the control panel.



Picture 410 - No water was observed in the site glass associated with either knock out tank in System #1.