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

Date: 27-Feb-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	9:01 -10:05, 12:45 - 14.20	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

9:01 - Preferred arrived on site. Both systems were up upon arrival.

9:40 - O&M started on System #2.

10:13 - O&M started on System #1.

10:45 - Weekly O&M completed.

10:50 - Preferred locked both systems and all parties off-site. Both systems running upon departure.

12:45 - Preferred on-site to assess conditions of the Sensaphone 1400 auto-dialers. Phonetics, Inc was called (1-877-373-0222) to assist ithe diagnosis of the auto-dialers. System #1's Sensaphone was proven to be in working condition with the exception of the auto-dialer not calling out. Phonetics recommended calling the phone company to diagnose phone line issue. System #2's auto-dialer relay is in the "off" position. Phonetics recommended an electrical company to diagnose the condition of the relay.

14:20 - Preferred locks 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**

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 February 20, 2013

DATE: 2/27/13 **DAY: Wednesday** **TECHNICIAN: Thomas Fitzpatrick**

Weather: 42 Deg. F Rain

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

I: System Data Collection

Run Time Meter Reading : __168.6___ hours
Total Run Time Meter Reading: __14,138.2__ hours @ 9:49
System Running at ___30.0__ Hz.

Temperature Monitoring

Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
9:35	Extracted From Well	TI-01	19.0	66.2	DDC-1
9:35	Extracted From Well	TI-02	14.0	57.2	DDC-2
9:36	Pre-Heater Outlet	TI-03	27.0	80.6	Post Shell and Tubing
9:35	Pre-Heater Input	TI-04	17.0	62.6	Before Shell and Tubing
9:36	After Cooler Outlet	TI-05	30.0	86.0	Post Cooler Reading
9:36	After Cooler Input	TI-06	35.0	95.0	Before Cooler Reading
9:36	Blower Outlet	TI-07	45.0	113.0	Going to Pre-heater
9:37	Between GAC Units	TI-08	26.0	78.8	After GAC #1
9:37	GAC Unit Output	TI-09	23.0	73.4	After GAC #2

Flow Readings

Time	IF-ID	Location	Flow (SCFM)
9:32	FI-01	Extracted From DDC-1	90
9:32	FI-02	Extracted From DDC-2	315

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
9:33	Discharge to Well	PI-01	3.1 PSI	DDC-1
9:33	Discharge to Well	PI-02	2.5 PSI	DDC-2
9:33	Drum	PI-03	-26.5 in. H2O	Vacuum Reading Going to Blower

DATE: 2/27/13 **DAY:** Wednesday **TECHNICIAN:** Thomas Fitzpatrick

Weather: 42 Deg. F Rain

TCE Groundwater Treatment System #1

GAC Unit Information

Influent Port

TIME	PID VOC ppm	Temp Deg. F
9:43	1.0	72.9

Comments:

Between GAC Unit #1 and GAC Unit #2

TIME	PID VOC ppm	Temp Deg. F
9:50	0.0	71.2

Comments:

Effluent Port

TIME	PID VOC ppm	Temp Deg. F
9:47	0.0	64.7

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: 2/27/13 DAY:Wednesday TECHNICIAN: Thomas Fitzpatrick

Weather: 42 Deg. F Rain

GWTT EQUIPMENT INFORMATION

TCE Groundwater Treatment System #2 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading:__16,847.5___hours @ 10:01
System Running at ____40.0__ Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
9:11	Carbon Unit Inlet	CA01	15.0	59.0	Carbon Unit #1
9:09	Pre-Heater	PHA01	26.7	80.0	After Shell and Tubing
9:10	Blower Panel	B01	60.0	140.0	Exiting Blower
9:09	After Cooler Outlet	AC01	31.7	89.0	Post Cooler Piping
9:09	Pre-Heater	PHB01	50.6	123.0	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
9:08	WD01	Injected Air to DDC-3	147
9:08	WD02	Injected Air to DDC-4	203

Comments:

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
9:09	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
9:10	Carbon-Unit #1 Outlet	CA1	-3.6 in. Hg	Vacuum exiting GAC #1
9:08	Discharge to Wells	WD2	2.4 PSI	Pressure reading on piping prior to splicing off to both wells
9:09	Blower Panel	BP01	-0.5 in. Hg	Vacuum coming off of blower
9:10	Carbon Unit #2 Outlet	CA2	-3.3 in. Hg	Vacuum exiting GAC #2
9:55	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
9:58	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 2/27/13 **DAY:Wednesday** **TECHNICIAN: Thomas Fitzpatrick**

Weather: 42 Deg. F Rain

TCE Groundwater Treatment System #2

GAC Unit Information

Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
9:14	1.1	60.2

Comments:

Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
9:18	0.9	59.2

Comments:

Effluent

TIME	PID VOC ppm	Temp Deg. F
9:21	0.0	62.5

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	1-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. Water was pumped via whale pump from the sump as a temporary solution.

14138.1

Liquid Levels in Knock-Out Tanks
Comments: No water detected.

Oil Level on Blower
Comments: Oil levels were good. Oil was changed or 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.***
	Small air bubbles were observed leaking from the eductor head of DDC-3 & DDC-4.

III: System Evaluation

☒ **System is operating satisfactorily**

AECOM recommends / implements the following….

AECOM requested Preferred to order and replace DDC-4 sump pump.

IV: Sampling / Lab Data

N/A

PHOTOGRAPHIC LOG
Date: 2-27-13
AECOM Job No.
National Headset Printing Site

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture 014	2/27/2013	9:20	No water was detected within the System #2's knock-out tank.	
Picture 018	2/27/2013	10:10	The GAC sample ports were screened utilizing Tedlar bags.	

Photos (02.27.13)

Picture 014 - No water was detected within the System #2's knock-out tank.

Picture 018 - The GAC sample ports were screened utilizing Tedlar bags.