

Project: National Heatset Printing Site - 1 Adams Boulevard, Farmingdale, NY - Site Management
 Contractors: EA Engineering, P.C. and Preferred Environmental Services

EA Engineering, P.C.
 6712 Brooklawn Parkway, Suite 104
 Syracuse, NY 13211-2158
 Phone: 315-431-4610,
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A Engineering, P.C. Job No: _____
 Site No: 152140
 EA Engineering, P.C. Project Manager: James Hayward

DAILY REPORT

Day:

S	M	T	W	TH	F	S
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 Date: 14-May-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	8:00 - 10:20	Preferred

VISITORS

Name	Time (From - To)	Representing	Remarks
Rob Peterson	8:00 - 9:20	EA	N/A

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

EA Engineering, P.C./Preferred Site Representative: Thomas Fitzpatrick - Preferred
DESCRIPTION OF WORK PERFORMED AND OBSERVED
8:00 - Preferred and Rob Peterson (EA) on-site. Both systems were running upon arrival with no alarms lit.
9:20 - O&M started on System #2
9:52 - O&M started on System #1
10:15 - Weekly O&M completed.
10:20 - Preferred locked both systems and all parties off-site. Both systems running upon departure.

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 - Designates report is continued on additional pages

EA Engineering, P.C.

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National Heatset Printing Site, Farmingdale, NY
Contract No. , Site No. 152140
Monitoring Table May 14, 2013

DATE: 5/14/13

DAY: Tuesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 55 Deg. F Bright Sun

TCE Groundwater Treatment System #1 STATUS: ON OFF

I: System Data Collection

Run Time Meter Reading : 674.9 hours

Total Run Time Meter Reading: 15,810.0 hours @ 09:54

System Running at 30.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
9:56	Extracted From Well	TI-01	18.0	64.4	DDC-1
9:56	Extracted From Well	TI-02	16.0	60.8	DDC-2
9:58	Pre-Heater Outlet	TI-03	25.0	77.0	Post Shell and Tubing
9:58	Pre-Heater Input	TI-04	17.0	62.6	Before Shell and Tubing
9:58	After Cooler Outlet	TI-05	23.0	73.4	Post Cooler Reading
9:58	After Cooler Input	TI-06	37.0	98.6	Before Cooler Reading
9:58	Blower Outlet	TI-07	49.0	120.2	Going to Pre-heater
9:59	Between GAC Units	TI-08	24.0	75.2	After GAC #1
9:59	GAC Unit Output	TI-09	24.0	75.2	After GAC #2

Flow Readings			
Time	IF-ID	Location	Flow (SCFM)
9:55	FI-01	Extracted From DDC-1	90
9:56	FI-02	Extracted From DDC-2	315

Comments: Inspect FI-01 flow meter during next visit to confirm proper operation.

Pressure/Vacuum Monitoring				
Time	Location	PI/VI-ID	Pressure	Comments
9:55	Discharge to Well	PI-01	3.2 PSI	DDC-1
9:55	Discharge to Well	PI-02	2.6 PSI	DDC-2
9:55	Drum	PI-03	-26.5 in. H2O	Vacuum Reading Going to Blower

DATE: 5/14/13

DAY: Tuesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 55 Deg. F Bright Sun

TCE Groundwater Treatment System #1

GAC Unit Information

Influent Port		
TIME	PID VOC ppm	Temp Deg. F
10:01	1.5	75.5

Comments: None

Between GAC Unit #1 and GAC Unit #2		
TIME	PID VOC ppm	Temp Deg. F
10:05	0.5	73.3

Comments: None

Effluent Port		
TIME	PID VOC ppm	Temp Deg. F
10:07	0.1	65.1

Comments: None

II: System Maintenance and Observations

Inspection of Water Column in DDC Wells

Well#	Comments
DDC-1	Bubbling in well is not sufficient. Adjust air flow as necessary during next visit.
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	Sump pump is operating properly.

Liquid Levels in Knock-Out Tanks
Comments: No liquid observed 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. Next oil change scheduled for July 2013.

Additional Comments:	None
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III: System Evaluation

System is operating satisfactorily
 EA Engineering, P.C. recommends / implements the following....

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IV: Sampling / Lab Data

N/A

DATE: 5/14/13

DAY: Tuesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 55 Deg. F Bright Sun

GWTT EQUIPMENT INFORMATION

TCE Groundwater Treatment System #2 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading: 18,628.4 hours @ 09:21

System Running at 40.0 Hz.

Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
9:22	Carbon Unit Inlet	CA01	22.5	72.5	Carbon Unit #1
9:23	Pre-Heater	PHA01	29.4	85	After Shell and Tubing
9:22	Blower Panel	B01	65.6	150	Exiting Blower
9:22	After Cooler Outlet	AC01	40.6	105	Post Cooler Piping
9:22	Pre-Heater	PHB01	54.4	130	Before Shell and Tubing

Flow Readings			
Time	TI-ID	Location	Flow (CFM)
9:21	WD01	Injected Air to DDC-3	140
9:21	WD02	Injected Air to DDC-4	196

Comments: None

Pressure/Vacuum Monitoring				
Time	Location	TI-ID	Pressure	Comments
9:22	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
9:24	Carbon-Unit #1 Outlet	CA1	-3.5 in. Hg	Vacuum exiting GAC #1
9:21	Discharge to Wells	WD2	2.5 PSI	Pressure reading on piping prior to splicing off to both wells
9:23	Blower Panel	BP01	-0.5 in. Hg	Vacuum coming off of blower
9:23	Carbon Unit #2 Outlet	CA2	-3.0 in. Hg	Vacuum exiting GAC #2
9:40	DDC-3	N/A	0.4 PSI	Pressure gauge on well head
9:40	DDC-4	N/A	0.4 PSI	Pressure gauge on well head

DATE: 5/14/13

DAY: Tuesday

TECHNICIAN: Thomas Fitzpatrick

Weather: 55 Deg. F Bright Sun

TCE Groundwater Treatment System #2

GAC Unit Information

Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
9:28	0.2	68.1

Comments: None

Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
9:32	0.2	66.9

Comments: None

Effluent

TIME	PID VOC ppm	Temp Deg. F
9:37	0.0	69.9

Comments: None

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	One (1)-inch of water was detected. Sump pump was observed to be non-functioning on 3-27-13. Water within the sump was drained manually via a submersible pump. New sump pump is being ordered and will be installed during July 2013 visit.
DDC-4	Sump pump operating properly.

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. Next oil change scheduled for July 2013.
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Additional Comments:

Vacuum gauge, BP01, is non-functioning and needs to be replaced. Item has been ordered and will be replaced during the July 2013 visit.

III: System Evaluation



System is operating satisfactorily



EA Engineering, P.C. recommends / implements the following....

IV: Sampling / Lab Data

N/A

PHOTOGRAPHIC LOG
Date: 5-14-13
EA Engineering, P.C. Job No.
National Headset Printing Site

PHOTO	DATE	TIME	DESCRIPTION	COMMENTS
Picture P5090068	5/14/2013	10:00	No water was detected within the site glass of the knock-out tank.	
Picture P5090071	5/14/2013	9:32	An air sampling pump was utilized in the screening of the sampling ports within System #1 and System #2.	

Photos (05.14.13)



Picture P5090068 - No water was detected within the site glass of the knock-out tank.



Picture P5090071 - An air sampling pump was utilized in the screening of the sampling ports within System #1 and System #2.