	52140		ent			La	AECOM erican Boulevard Airport Park atham, NY 12110 a: 518.7951.2242
Day:	S M T W TH F S	WEATHE	Bright Sun	Partly Cloudy	Overcast	Rain	Clear
Date: 1	0-Apr-13	TEMP	To 32	32-50	50-70	70-85	85 and up
REPORT No.		WIND	Light	Moderate	High		
PAGE No. 1		HUMIDIT	<b>/</b> Dry	Moderate	Humid		
_		WIND DIE	, NE	NW	SE	SW	
PREPARED BY: <u>T</u>	homas Fitzpatrick TITLE: Site Rep.	WIND DI	` N	S	Е	W	
AVERAGE FIELD FORCE							
Manage of Occident					Rem	arke	
Name of Contractor	Title	Hours Worked					
Thomas Fitzpatrick	Title Technician	8:00 - 9:05			Prefe		
	Technician						
Thomas Fitzpatrick VISITORS Name	Technician Time (From - To)	8:00 - 9:05  Representing			Prefe Rem	arks	
Thomas Fitzpatrick VISITORS	Technician	8:00 - 9:05			Prefe	arks	
Thomas Fitzpatrick  VISITORS  Name  N/A  EQUIPMENT AT THE SIT	Technician	8:00 - 9:05  Representing N/A  N = Working			Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name  N/A  EQUIPMENT AT THE SIT	Time (From - To)  N/A  I = Idle  [3. Pressure Gauges - W	8:00 - 9:05  Representing  N/A  N = Working  [5. Vacuum P	ump - W		Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name N/A  EQUIPMENT AT THE SIT  Camera - W  PROPERATION & MAINTEN	Technician  Time (From - To)  N/A  I = Idle  3. Pressure Gauges - W  4. Velocity & Temperature N	8:00 - 9:05  Representing N/A  N = Working 5. Vacuum P  eter - W	ump - W		Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name N/A  EQUIPMENT AT THE SIT  Camera - W  PROPERATION & MAINTEN	Time (From - To)  N/A  I = Idle  3. Pressure Gauges - W 4. Velocity & Temperature N	8:00 - 9:05  Representing N/A  N = Working 5. Vacuum P  eter - W	ump - W		Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name N/A  EQUIPMENT AT THE SIT  Camera - W  PROPERATION & MAINTEN	Technician  Time (From - To)  N/A  I = Idle  3. Pressure Gauges - W  4. Velocity & Temperature N  IANCE ACTIVITIES  Esentative: Thomas Fitzpatrick - Prefer	8:00 - 9:05  Representing N/A  N = Working 5. Vacuum P  eter - W	·		Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name N/A  EQUIPMENT AT THE SIT I. Camera - W 2. PID - W  OPERATION & MAINTEN AECOM/Preferred Site Repre	Technician  Time (From - To)  N/A  I = Idle  3. Pressure Gauges - W  4. Velocity & Temperature N  IANCE ACTIVITIES  Esentative: Thomas Fitzpatrick - Prefer	8:00 - 9:05    Representing   N/A	·		Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name N/A  EQUIPMENT AT THE SIT I. Camera - W 2. PID - W  OPERATION & MAINTEN AECOM/Preferred Site Repre	Technician  Time (From - To)  N/A  I = Idle  3. Pressure Gauges - W  4. Velocity & Temperature N  IANCE ACTIVITIES  esentative: Thomas Fitzpatrick - Prefer	8:00 - 9:05    Representing   N/A	·		Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name N/A  EQUIPMENT AT THE SIT 1. Camera - W 2. PID - W  OPERATION & MAINTEN AECOM/Preferred Site Repre	Technician  Time (From - To)  N/A  I = Idle  3. Pressure Gauges - W  4. Velocity & Temperature N  IANCE ACTIVITIES  esentative: Thomas Fitzpatrick - Prefer	8:00 - 9:05    Representing   N/A	·		Prefe Rem	arks	
Thomas Fitzpatrick  VISITORS  Name N/A  EQUIPMENT AT THE SIT  Camera - W  PID - W  COPERATION & MAINTEN  AECOM/Preferred Site Repre	Technician  Time (From - To)  N/A  I = Idle  3. Pressure Gauges - W  4. Velocity & Temperature N  IANCE ACTIVITIES  esentative: Thomas Fitzpatrick - Prefer	8:00 - 9:05    Representing   N/A	·		Prefe Rem	arks	

x - Designates report is continued on additional pages

Project Manager: W. Howard

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Thomas Fitzpatrick (Preferred)

AECOM/Preferred Site Representative:

# **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 April 10, 2013

DATE: 4/10/13 DAY: Wednesday TECHNICIAN; Thomas Fitzpatrick

Weather: 48 Deg. F Bright Sun

TCE Groundwater Treatment System #1 STATUS: ON OFF

## **I:** System Data Collection

Run Time Meter Reading : \_\_648.5\_\_\_ hours
Total Run Time Meter Reading: \_\_15,069.0\_\_ hours @ 8:45
System Running at \_\_\_30.0\_\_ Hz.

	Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments	
8:32	Extracted From Well	TI-01	15.0	59.0	DDC-1	
8:32	Extracted From Well	TI-02	15.0	59.0	DDC-2	
8:33	Pre-Heater Outlet	TI-03	24.0	75.2	Post Shell and Tubing	
8:32	Pre-Heater Input	TI-04	16.5	61.7	Before Shell and Tubing	
8:32	After Cooler Outlet	TI-05	20.0	68.0	Post Cooler Reading	
8:32	After Cooler Input	TI-06	37.0	98.6	Before Cooler Reading	
8:33	Blower Outlet	TI-07	47.0	116.6	Going to Pre-heater	
8:33	Between GAC Units	TI-08	24.0	75.2	After GAC #1	
8:33	GAC Unit Output	TI-09	23.0	73.4	After GAC #2	

	Pressure/Vacuum Monitoring				
Time	Location	PI/VI-ID	Pressure	Comments	
8;31	Discharge to Well	PI-01	3.2 PSI	DDC-1	
8:31	Discharge to Well	PI-02	2.6 PSI	DDC-2	
8:31	Drum	PI-03	-26.5 in. H2O	Vacuum Reading Going to Blower	

	Flow Readings				
Time IF-ID Location Flow (SCFM)					
8:31	FI-01	Extracted From DDC-1	90		
8:31	FI-02	Extracted From DDC-2	315		

Comments: Flow meters are set on return pipes to wells. Fl-01 in non-functioning and needs to be replaced. Weather: 48 Deg. F Bright Sun

#### TCE Groundwater Treatment System #1

Influent Port

TIME	PID VOC ppm	Temp Deg. F		
8:16	0.9	71.5		
Comments:				

#### **GAC Unit Information**

## Between GAC Unit #1 and GAC Unit #2

Detween One only and on					
TIME	PID VOC ppm	Temp Deg. F			
8:42	0.1	74.1			
Commonto					

	Effluent Port				
TIME	PID VOC ppm	Temp Deg. F			
8:39	0.0	63.8			
Comments:					

## **II: System Maintenance and Observations**

Inspection of Water Column in DDC Wells

	inoposition of trater column in 220 trans
Well#	Comments
DDC-1	Bubbling in well is not sufficient.
DDC-2	Bubbling in well is sufficient.

#### Inspection of Sumps Associated with DDC Wells

inoposition of campo / tocoolatea with ppe from					
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, Fl-01, is non-functioning and needs to be replaced.
	Slight whistling emanating from within the treatment shed.

## **III: System Evaluation**

System is operating satisfactorily

AECOM recommends / implements the following...

## IV: Sampling / Lab Data

N/A

DATE: 4/10/13 DAY: Wednesday TECHNICIAN: Thomas Fitzpatrick

Weather: 48 Deg. F Bright Sun

8:51 DDC-4

GWTT EQUIPMENT INFORMATION

Pressure gauge on well head

TCE Groundwater Treatment System #2 STATUS: ON OFF

## **I:** System Data Collection

Total Run Time Meter Reading:\_\_17,813.8\_\_\_hours @ 9:02 System Running at \_\_\_\_40.0\_\_ Hz.

	Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments	
8:10	Carbon Unit Inlet	CA01	22.5	72.5	Carbon Unit #1	
8:09	Pre-Heater	PHA01	29.4	85	After Shell and Tubing	
8:10	Blower Panel	B01	65.6	150	Exiting Blower	
8:09	After Cooler Outlet	AC01	41.7	107	Post Cooler Piping	
8:09	Pre-Heater	PHB01	54.4	130	Before Shell and Tubing	

	Pour Maria Maria III					
	nir	Press	ure/Vacuum Monitoring	ii.		
Time	Location	TI-ID	Pressure	Comments		
8:09	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank		
8:10	Carbon-Unit #1 Outlet	CA1	-3.6 in. Hg	Vacuum exiting GAC #1		
			2.6 PSI	Pressure reading on piping prior		
8:08	Discharge to Wells	WD2		to splicing off to both wells		
8:10	Blower Panel	BP01	-1.0 in. Hg	Vacuum coming off of blower		
8:10	Carbon Unit #2 Outlet	CA2	-3.2 in. Hg	Vacuum exiting GAC #2		
8:55	DDC-3	N/A	0.4 PSI	Pressure gauge on well head		

N/A

0.4 PSI

Flow Readings					
Time	TI-ID	Flow (CFM)			
8:08 WD01		Injected Air to DDC-3	140		
8:08 WD02		Injected Air to DDC-4	189		

Comments:

Weather: 48 Deg. F Bright Sun

#### TCE Groundwater Treatment System #2

## Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F		
8:14	0.6	68.3		
Comments:				

GAC Unit Information

#### Influent Port GAC#2

TIME	PID VOC ppm	Temp Deg. F
8:17	0.5	67.8

Effluent				
TIME	PID VOC ppm	Temp Deg. F		
8:20	0.0	70.8		
Commonte:				

## **II: System Maintenance and Observations**

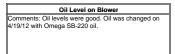
Inspection of Water Column in DDC Well

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

moposition of sumpo Accessition man ppe from					
Well#	Well# Comments				
DDC-3  One (1)-inch of water was detected. Sump was obset be non-functioning on 3-27-13. Pump was pulled and 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.



Addition Comments: Vacuum gauge, BP01, is non-functioning and needs to be replaced

## **III: System Evaluation**

$\sim$	System is operating satisfactorily
	AECOM recommends / implements the following

## IV: Sampling / Lab Data

	N/A	
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## PHOTOGRAPHIC LOG

## Date: 4-10-13 AECOM Job No.

# **National Headset Printing Site**

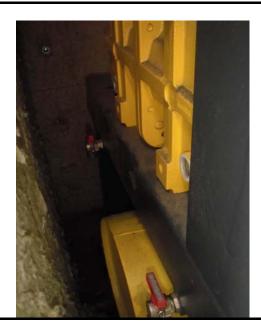
РНОТО	DATE	TIME	DESCRIPTION	COMMENTS
Picture 0026	4/10/2013	8:05	Both systems were running upon arrival with no alarms triggered.	
Picture 0031	4/10/2013	9:00	Oil levels were sufficient in each blower associated with System #1 and System #2.	

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# Photos (04.10.13)



<u>Picture 0026</u> - Both systems were running upon arrival with no alarms triggered.



<u>Picture 0031</u> - Oil levels were sufficient in each blower associated with System #1 and System #2.