No	ational Heatset Printing Site - 1	Adama Paulayard Farmi	adala NV Si	ło.				
Project: Ma		Adams Boulevard, Farmi	iguale, INY - SI	ie				
	Engineering and Preferred En	vironmental Services						
EA Engineering Job No: 144	47429							
Site No: 152								
EA Project Manager: Jar	mes Hayward							
	DAILY REPO	<u>RT</u>						
Day: S	M T W TH F	S	WEATHER	Bright Sun	Partly Cloudy	Overcast	Rain	Snow
Date: <u>5-A</u>	Apr-12		TEMP	To 32	32-50	50-70	70-85	85 and up
REPORT No.			WIND	Light	Moderate	High		
PAGE No. 1			HUMIDITY	Dry	Moderate	Humid		
			WIND DIR	NE	NW	SE	SW	
PREPARED BY: Ro	b Peterson TITLE: Geologist	<u>t </u>		N	S	Е	W	
AVERAGE FIELD FORCE								
Name of Contractor	Title	Hours	Worked			Rem	arks	
Rob Peterson	Geologist	11:4	5 - 12:30		EA Engineering			
VISITORS								
Name	Time (From - To)	Repr	esenting				arks	
None	NA NA		NA			N	IA	
EQUIPMENT AT THE SITE	I = Idle	W = Working						
1. Camera - W	3. Pressure Gaug		5. Vacuum P	ump - W				
· ·								
2. PID - W	4. Velocity & Tem	perature Meter - W						
2. PID - W OPERATION & MAINTENANCE EA/Preferred Site Representati	E ACTIVITIES	perature Meter - W						
OPERATION & MAINTENANCE EA/Preferred Site Representat	E ACTIVITIES ive: Rob Peterson - EA DESCRIPTIO	ON OF WORK PERFORI			ng water from	DDC-2, DE	0C-3, and	d DDC-4 sumps
OPERATION & MAINTENANCE EA/Preferred Site Representati 11:45 - Rob Peterson (EA) arrive	E ACTIVITIES ive: Rob Peterson - EA DESCRIPTIO	ON OF WORK PERFORI			ng water from	DDC-2, DE	0C-3, and	d DDC-4 sumps
OPERATION & MAINTENANCE EA/Preferred Site Representati 11:45 - Rob Peterson (EA) arrive via whale pump. 12:00 - Start System #2 O&M.	E ACTIVITIES tive: Rob Peterson - EA DESCRIPTIO ed onsite. System #1 and System	ON OF WORK PERFORI em #2 operating upon ar			ng water from	DDC-2, DE	OC-3, and	I DDC-4 sumps
OPERATION & MAINTENANCE EA/Preferred Site Representati 11:45 - Rob Peterson (EA) arrive via whale pump. 12:00 - Start System #2 O&M. 12:18 - System #2 O&M complete	E ACTIVITIES tive: Rob Peterson - EA DESCRIPTIO ed onsite. System #1 and System	ON OF WORK PERFORI em #2 operating upon ar			ng water from	DDC-2, DD	0C-3, and	I DDC-4 sumps
OPERATION & MAINTENANCE EA/Preferred Site Representation 11:45 - Rob Peterson (EA) arrive via whale pump. 12:00 - Start System #2 O&M. 12:18 - System #2 O&M complet 12:20 - Start System #1 O&M.	E ACTIVITIES ive: Rob Peterson - EA DESCRIPTIO ed onsite. System #1 and System te. System performing satisfac	ON OF WORK PERFORI em #2 operating upon ar ctorily.			ng water from	DDC-2, DD	OC-3, and	I DDC-4 sumps
OPERATION & MAINTENANCE EA/Preferred Site Representati 11:45 - Rob Peterson (EA) arrive via whale pump. 12:00 - Start System #2 O&M. 12:18 - System #2 O&M complete	DESCRIPTION The control of the cont	ON OF WORK PERFORI em #2 operating upon ar ctorily.	ival. EA begins		ng water from	DDC-2, DD	0C-3, and	I DDC-4 sumps

EA/Preferred Site Representative: Rob Peterson (EA) Project Manager: James Hayward Page 1 of 5

Designates report is continued on additional pages

EA Engineering

6712 Brooklawn Parkway, Suite 104, Syracuse, New York 13211

National Heatset Printing Site, Farmingdale, NY Contract No., Site No. 152140 Monitoring Table April 05, 2012

DDC-2 Vacuum Reading

Going to Blower

DATE: 04/05/2012 DAY: Thursday TECHNICIAN: Rob Peterson

Weather: 55F, Sunny

TCE Groundwater Treatment System #1 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading: 10,324.0 hours

System Running at: 30.0 Hz

Discharge to Well

Drum

	Temperature Monitoring						
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments		
12:20	Extracted From Well	TI-01	15.0	59.0	DDC-1		
12:20	Extracted From Well	TI-02	15.0	59.0	DDC-2		
12:22	Pre-Heater Outlet	TI-03	24.0	75.2	Post Shell and Tubing		
12:21	Pre-Heater Input	TI-04	16.0	60.8	Before Shell and Tubing		
12:21	After Cooler Outlet	TI-05	21.0	69.8	Post Cooler Reading		
12:21	After Cooler Input	TI-06	35.0	95.0	Before Cooler Reading		
12:22	Blower Outlet	TI-07	44.0	111.2	Going to Pre-heater		
12:23	Between GAC Units	TI-08	22.0	71.6	After GAC #1		
12:23	GAC Unit Output	TI-09	22.0	71.6	After GAC #2		

	rate: eccie: mpat		00.0		Boiler Cooler Hoading
12:22	Blower Outlet	TI-07	44.0	111.2	Going to Pre-heater
	Between GAC Units	TI-08	22.0	71.6	After GAC #1
12:23		TI-09	22.0	71.6	After GAC #2
_					
		Pressure/V	acuum Monitoring		
Time	Location	PI/VI-ID	Press	sure	Comments
12:20	Discharge to Well	PI-01	2.2 F	PSI	DDC-1

PI-02

PI-03

2.2 PSI

-29.0 in. H2O

Flow Readings						
Time	IF-ID	Location	Flow (SCFM)			
12:20	FI-01	Extracted From DDC-1				
12:20	FI-02	Extracted From DDC-2	190			

Comments

1) Flow meter F0-1 not functioning. Air flow visually inspected at DDC-1 well head. Determined that DDC-1 bubbling sufficiently.

TCE Groundwater Treatment System #1

Influent Port

TIME	PID VOC ppm	Temp Deg. F
12:24	2.1	74.2

Comments: None

GAC Unit Information

Between GAC Unit #1 and GAC Unit #2

TIME	PID VOC ppm	Temp Deg. F
12:27	0.4	67.7
12.21	0.4	07.1

Comments: None

Effluent Port

TIME	PID VOC ppm	Temp Deg. F
12:30	0.0	63.6

Comments: None

II: System Maintenance and Observations

Inspection of Water Column in DDC Wells

	Well#	Comments				
	DDC-1	Bubbling in well sufficient.				
DDC-2 Bubbling in well sufficient.		Bubbling in well sufficient.				

Inspection of Sumps Associated with DDC Wells

Well#	Comments
DDC-1	No sump associated with this well.
DDC-2	~5-inches of water detected within sump. Sump pump non-operational

Liquid Levels in Knock-Out Tanks Comments: No water detected in K/O tanks. Oil Level on Blower
Comments: Oil levels were good. Oil was changed on 8/17/11 with Omega SB-220 oil.

Addition Comments:

Water was discharged from DDC-2 sump via a whale pump. The lines leading back to the system shed most likely contain water.

III: System Evaluation

System is operating satisfactorily
EA recommends / implements the

EA recommends / implements the following....

IV: Sampling / Lab Data

N/A

DATE: 04/05/2012 DAY: Thursday TECHNICIAN: Rob Peterson

Weather: 55F, Sunny

TCE Groundwater Treatment System #2 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading: 13,021.2 hours. System Running at 41.0 Hz.

	Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments	
12:00	Carbon Unit Inlet	CA01	21.0	69.8	Carbon Unit #1	
12:02	Pre-Heater	PHA01	29.4	85.0	After Shell and Tubing	
12:03	Blower Panel	B01	66.0	150.8	Exiting Blower	
12:02	After Cooler Outlet	AC01	31.7	89.0	Post Cooler Piping	
12:02	Pre-Heater	PHB01	57.2	135.0	Before Shell and Tubing	

	Pressure/Vacuum Monitoring					
Time	Location	TI-ID	Pressure	Comments		
12:01	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank		
12:00	Carbon-Unit #1 Outlet	CA1	-4.5 in. Hg	Vacuum exiting GAC #1		
12:01	Discharge to Wells	WD2	2.4 PSI	Pressure reading on piping prior to splicing off to both wells		
12:03	Blower Panel	BP01	-1.0 in. Hg	Vacuum coming off of blower		
12:01	Carbon Unit #2 Outlet	CA2	-4.0 in. Hg	Vacuum exiting GAC #2		
12:15	DDC-3	N/A	0.0 PSI	Pressure gauge on well head		
12:18	DDC-4	N/A	0.0 PSI	Pressure gauge on well head		

Flow Readings						
Time	TI-ID	Location	Flow (CFM)			
12:01	WD01	Injected Air to DDC-3	150			
12:01	WD02	Injected Air to DDC-4	157			

Comments: None

TCE Groundwater Treatment System #2

GAC Unit Information

Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
12:07	0.0	68.3

Comments: None

Inf	luent	Davi	~ ^	C#2
1111	ıuenı	FUIL	GA	U#2

TIME	PID VOC ppm	Temp Deg. F	
12:10	0.0	66.6	

Comments: None

Effluent

TIME	PID VOC ppm	Temp Deg. F
12:13	0.0	67.5

Comments: None

II: System Maintenance and Observations

Inspection of Water Column in DDC Wells

Well#	Comments
DDC-3	Bubbling was sufficient.
DDC-4	Bubbling was sufficient.

Inspection of Sumps Associated with DDC Wells

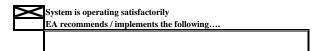
Well#	Comments
DDC-3	~3-inches of water detected in sump. Sump pump non- operational. See additional comments.
DDC-4	~5-inches of water detected in sump. Sump pump non- operational. See additional comments.

Water was discharged from DDC-4 and DDC-3 sumps via a whale pump. The lines leading back to the system shed most likely contain water.

Liquid Levels in Knock-Out Tanks Comments: No water was detected within site-glass.

Oil Level on Blower
Comments: Oil levels were good. Oil was changed on 8/17/11 with Omega SB-220 oil.

III: System Evaluation



N/A

Na	itional Heat:	set Printing	n Site -	- 1 Adaı	loulevard, Farmingdale, NY - Si	te				
Project: Ma	anagement									
Contractors: EA										
EA Engineering Job No: 144	47429									
Site No: 152	2140									
EA Project Manager: <u>Jar</u>	mes Haywa	ırd								
		<u>DAIL</u>	Y RE	PORT						
Day: S	M T	W TH	F	S	WEATHER	Bright Sun	Partly Cloudy	Overcast	Rain	Snow
Date: 9-A					TEMP	To 32	32-50	50-70	70-85	85 and up
REPORT No.					WIND	Light	Moderate	High	$oxed{oxed}$	
PAGE No. 1					HUMIDITY	Dry	Moderate	Humid	0)4/	
PREPARED BY: Rol	h Datarean	TITI E	Goolo	aict	WIND DIR	NE N	NW S	SE E	SW	
AVERAGE FIELD FORCE										
Name of Contractor		Title			Hours Worked		Remarks			
Rob Peterson		Geologis	st		12:54 - 13:45		EA Engineering			
VISITORS										
Name None	Ti	me (From NA	- To)		Representing NA				narks IA	
EQUIPMENT AT THE SITE		l = lo			= Working					
1. Camera - W		3. Press			5. Vacuum P	ump - W]		
					Meter - W					
2. PID - W		4. Veloc	ity & I	empera						
	_	ES		еттрега						
2. PID - W OPERATION & MAINTENANCE	_	E S eterson - E	Ā		ORK PERFORMED AND OBS	SERVED				
2. PID - W OPERATION & MAINTENANCE	ive: Rob Pe	ES eterson - E	A SCRIP	TION C				n DDC-2, DI	DC-3, and	DDC-4 sump
2. PID - W OPERATION & MAINTENANCE EA/Preferred Site Representati 12:54 - Rob Peterson (EA) arrive via whale pump.	ive: Rob Pe	ES eterson - E	A SCRIP	TION C				n DDC-2, DI	DC-3, and	i DDC-4 sump
2. PID - W OPERATION & MAINTENANCE EA/Preferred Site Representati 12:54 - Rob Peterson (EA) arrive via whale pump. 13:05 - Start System #2 O&M. 13:24 - System #2 O&M complet	ed onsite.	ES eterson - E DE: System #1	SCRIP and S	PTION C				n DDC-2, DI	0C-3, and	I DDC-4 sump
2. PID - W OPERATION & MAINTENANCE EA/Preferred Site Representati 12:54 - Rob Peterson (EA) arrive via whale pump. 13:05 - Start System #2 O&M. 13:24 - System #2 O&M complet 13:30 - Start System #1 O&M.	ed onsite. S	ES eterson - E DE: System #1 performin	SCRIP and S	PTION Construction of the state				n DDC-2, DD	DC-3, and	I DDC-4 sump
2. PID - W OPERATION & MAINTENANCE EA/Preferred Site Representati 12:54 - Rob Peterson (EA) arrive via whale pump. 13:05 - Start System #2 O&M. 13:24 - System #2 O&M complet	ed onsite. State. System	ES eterson - E DE: System #1 performin	SCRIP and S	PTION Clystem #	perating upon arrival. EA begin			n DDC-2, DD	OC-3, and	I DDC-4 sump

EA/Preferred Site Representative: Rob Peterson (EA) Project Manager: James Hayward Page 1 of 5

Designates report is continued on additional pages

EA Engineering

6712 Brooklawn Parkway, Suite 104, Syracuse, New York 13211

National Heatset Printing Site, Farmingdale, NY Contract No., Site No. 152140 Monitoring Table April 09, 2012

DATE: 04/09/2012 DAY: Monday TECHNICIAN: Rob Peterson

Weather: 55F, Sunny

TCE Groundwater Treatment System #1 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading: 10,421.1 hours

System Running at: 30.0 Hz

	Temperature Monitoring									
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments					
13:31	Extracted From Well	TI-01	15.0	59.0	DDC-1					
13:31	Extracted From Well	TI-02	16.0	60.8	DDC-2					
13:33	Pre-Heater Outlet	TI-03	24.0	75.2	Post Shell and Tubing					
13:32	Pre-Heater Input	TI-04	17.0	62.6	Before Shell and Tubing					
13:31	After Cooler Outlet	TI-05	24.0	75.2	Post Cooler Reading					
13:32	After Cooler Input	TI-06	35.0	95.0	Before Cooler Reading					
13:32	Blower Outlet	TI-07	45.0	113.0	Going to Pre-heater					
13:33	Between GAC Units	TI-08	23.0	73.4	After GAC #1					
13:33	GAC Unit Output	TI-09	22.0	71.6	After GAC #2					

	Pressure/Vacuum Monitoring						
Time	Location	PI/VI-ID	Pressure	Comments			
13:30	Discharge to Well	PI-01	2.2 PSI	DDC-1			
13:30	Discharge to Well	PI-02	2.2 PSI	DDC-2			
13:30	Drum	PI-03	-29.0 in. H2O	Vacuum Reading Going to Blower			

Flow Readings					
Time	IF-ID	Location	Flow (SCFM)		
13:30	FI-01	Extracted From DDC-1			
13:30	FI-02	Extracted From DDC-2	190		

Comments

1) Flow meter F0-1 not functioning. Air flow visually inspected at DDC-1 well head. Determined that DDC-1 bubbling sufficiently.

TCE Groundwater Treatment System #1

Rotwoon	GAC	I Init #1	and	GAC	Unit t

GAC Unit Information

Influent Port				
TIME	PID VOC ppm	Temp Deg. F		
13:35	2.9	77.7		

TIME	PID VOC ppm	Temp Deg. F		
13:35	2.9	77.7		
Comments: None				

DE	between GAC On #1 and GAC On				
TIME		PID VOC ppm	Temp Deg. F		
	13:38	0.1	68.8		
	Comments: None				

Effluent Port					
TIME	PID VOC ppm	Temp Deg. F			
13:41	0.0	69.3			
Commente: None					

Comments: None

II: System Maintenance and Observations

Inspection of Water Column in DDC Wells

mapeotion of Water Column in DDG Wens					
Well#	Comments				
DDC-1	Bubbling in well sufficient.				
DDC-2	Bubbling in well sufficient.				

Inspection of Sumps Associated with DDC Wells

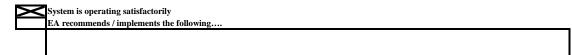
Well#	Comments
DDC-1	No sump associated with this well.
DDC-2	~1-inches of water detected within sump. Sump pump non-operational

Liquid Levels in Knock-Out Tanks
Comments: No water detected in K/O
tanks.

Oil Level on Blower		
Comments: Oil levels were good. Oil was changed on 8/17/11 with Omega SB-220 oil.		

Addition Comments:	Water was discharged from DDC-2 sump via a whale pump. The lines leading back to the system shed most likely contain water.
--------------------	---

III: System Evaluation



N/A	

DATE: 04/09/2012 DAY: Monday TECHNICIAN: Rob Peterson

Weather: 55F, Sunny

TCE Groundwater Treatment System #2 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading: 13,118.3 hours. System Running at 41.0 Hz.

	Temperature Monitoring					
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments	
13:06	Carbon Unit Inlet	CA01	22.0	71.6	Carbon Unit #1	
13:07	Pre-Heater	PHA01	32.2	90.0	After Shell and Tubing	
13:08	Blower Panel	B01	69.0	156.2	Exiting Blower	
13:07	After Cooler Outlet	AC01	35.0	95.0	Post Cooler Piping	
13:07	Pre-Heater	PHB01	57.2	135.0	Before Shell and Tubing	

	Pressure/Vacuum Monitoring					
Time	Location	TI-ID	Pressure	Comments		
13:06	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank		
13:06	Carbon-Unit #1 Outlet	CA1	-4.5 in. Hg	Vacuum exiting GAC #1		
13:06	Discharge to Wells	WD2	2.9 PSI	Pressure reading on piping prior to splicing off to both wells		
13:08	Blower Panel	BP01	-1.3 in. Hg	Vacuum coming off of blower		
13:06	Carbon Unit #2 Outlet	CA2	-4.0 in. Hg	Vacuum exiting GAC #2		
13:20	DDC-3	N/A	0.0 PSI	Pressure gauge on well head		
13:24	DDC-4	N/A	0.0 PSI	Pressure gauge on well head		

	Flow Readings					
Time	TI-ID	Location	Flow (CFM)			
13:05	WD01	Injected Air to DDC-3	150			
13:05 WD02		Injected Air to DDC-4	157			
_						

Comments: None

TCE Groundwater Treatment System #2

GAC Unit Information

Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
13:11	0.2	70.1

Comments: None

Infl	uent	Port	GA	C#2
------	------	------	----	-----

TIME	PID VOC ppm	Temp Deg. F	
13:14	0.1	71.0	

Comments: None

Effluent

TIME	PID VOC ppm	Temp Deg. F
13:17	0.0	71.9

Comments: None

II: System Maintenance and Observations

Inspection of Water Column in DDC Wells

Well#	Comments
DDC-3	Bubbling was sufficient.
DDC-4	Bubbling was sufficient.

Inspection of Sumps Associated with DDC Wells

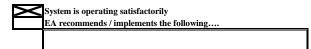
Well#	Comments
DDC-3	~1-inches of water detected in sump. Sump pump non- operational. See additional comments.
DDC-4	~3-inches of water detected in sump. Sump pump non- operational. See additional comments.

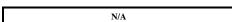
Addition Comments: Water was discharged from DDC-4 and DDC-3 sumps via a whale pump. The lines leading back to the system shed most likely contain water.

Liquid Levels in Knock-Out Tanks
Comments: No water was detected
within site-glass.

Oil Level on Blower
Comments: Oil levels were good. Oil was changed on 8/17/11 with Omega SB-220 oil.

III: System Evaluation





EA Engineering Job No: 1447429 Site No: 152140 EA Project Manager: James Hayward DAILY REPORT Day: S M T W TH F S WEATHER Bright Sun Cloudy Overcast Rain Snow	Project: Ma	nagement Engineering and Preferred Environmen	Services					
Site No: 152140 EA Project Manager: James Hayward Dail: Y REPORT	Oontractors. EA	Engineering and Freiened Environmen	OCIVICCS					
DAJLY REPORT Day: S M T W TH F S Date: 18-Apr-12 REPORT No. PAGE No. 1 PREPARED BY: Rob Peterson TITLE: Geologist AVERAGE FIELD FORCE Name of Contractor Title Hours Worked Remarks Rob Peterson Geologist 11:30 - 12:30 EA Engineering VISITORS Name Time (From - To) Representing Remarks None NA NA NA Requirement of Security Remarks None NA NA NA Requirement of Security Representative: Rob Peterson - EA DESCRIPTION OF WORK PERFORMED AND OBSERVED 11:30 - Rob Peterson (EA) arrived onsite. System #1 and System #2 operating upon arrival. EA begins pumping water from DDC-2, DDC-3, and DDC-4 sun in whale pump. 11:44 - Start System #2 O&M. 12:205 - Start System #2 O&M. 2:205 - Start System #2 O&M. 2:205 - Start System #2 O&M. DESCRIPTION OF MORK DESCRIPTION.								
DAILY REPORT Day Date: 18-Apr-12 REPORT No. PAGE No. 1 PAGE No. 1 PREPARED BY: Rob Peterson TITLE: Geologist WEATHER Sun Cloudy Overcast Rain Snow WIND Light Moderate High HUMIDITY Dry Moderate Humid WIND DIR N S E SW WIND DIR N S E WW SE SW WIND DIR N S E A Engineering WEATHER Sun Cloudy Overcast Rain Snow TEMP To 32 32-50 50-70 70-85 85 and up WIND DIR N S E SW WIND DIR N S E WW SE SW WIND DIR N S E SW								
Day: S M T W TH F S	EA Project Manager: <u>Jar</u>	nes Hayward						
Date: 18-Apr-12		DAILY REPORT						
REPORT No. PAGE No. 1 PREPARED BY: Rob Peterson TITLE: Geologist WIND Light Moderate High HUMIDITY Dry Moderate Humid WIND DIR NE NW SE SW N S E W WIND DIR NE NW SE SW N S E W AVERAGE FIELD FORCE Name of Contractor Title Hours Worked Remarks Rob Peterson Geologist 11:30 - 12:30 EA Engineering //SITORS Name Time (From - To) Representing Remarks None NA NA NA NA NA COUIPMENT AT THE SITE I eldle W = Working I. Camera - W 3. Pressure Gauges - W 5. Vacuum Pump - W P. PID - W 4. Velocity & Temperature Meter - W DEFERATION & MAINTENANCE ACTIVITIES EA/Preferred Site Representative: Rob Peterson - EA DESCRIPTION OF WORK PERFORMED AND OBSERVED 11:30 - Rob Peterson (EA) arrived onsite. System #1 and System #2 operating upon arrival. EA begins pumping water from DDC-2, DDC-3, and DDC-4 sur its whale pump. 11:44 - Start System #2 O&M. 2:02 - System #2 O&M complete. System performing satisfactorily. 2:05 - Start System #2 O&M. 2:05 - Start System #1 O&M.	Day: S	M T W TH F S	WEATHER	_	,	Overcast	Rain	Snow
PAGE No. 1 PREPARED BY: Rob Peterson TITLE: Geologist WIND DIR NE NW SE SW N	Date: 18-	Apr-12	TEMP	To 32	32-50	50-70	70-85	85 and up
PREPARED BY: Rob Peterson TITLE: Geologist WIND DIR NE NW SE SW N S E W AVERAGE FIELD FORCE Name of Contractor Title Hours Worked Remarks Rob Peterson Geologist 11:30 - 12:30 EA Engineering //SITORS Name Time (From - To) Representing Remarks None NA NA SEQUIPMENT AT THE SITE I = Idle W = Working Camera - W 3. Pressure Gauges - W 5. Vacuum Pump - W PID - W 4. Velocity & Temperature Meter - W DESCRIPTION & MAINTENANCE ACTIVITIES EA/Preferred Site Representative: Rob Peterson - EA DESCRIPTION OF WORK PERFORMED AND OBSERVED 1:30 - Rob Peterson (EA) arrived onsite. System #1 and System #2 operating upon arrival. EA begins pumping water from DDC-2, DDC-3, and DDC-4 sur its whale pump. 1:44 - Start System #2 O&M. 2:05 - System #2 O&M complete. System performing satisfactorily. 2:05 - System #2 O&M complete. System performing satisfactorily. 2:05 - Start System #1 O&M.			WIND	Light	Moderate	High		
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EA/Preferred Site Representative: Rob Peterson (EA) Project Manager: James Hayward Page 1 of 5

Designates report is continued on additional pages

EA Engineering

6712 Brooklawn Parkway, Suite 104, Syracuse, New York 13211

National Heatset Printing Site, Farmingdale, NY Contract No., Site No. 152140 Monitoring Table April 18, 2012

DATE: <u>04/18/2012</u> DAY: <u>Wednesday</u> TECHNICIAN: <u>Rob Peterson</u>

Weather: 59F, Partly Cloudy

TCE Groundwater Treatment System #1 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading: 10,635.1 hours

System Running at: 30.0 Hz

	Temperature Monitoring									
Time	Location	TI-ID Temperature Te		Comments						
12:07	Extracted From Well	TI-01	15.0	59.0	DDC-1					
12:07	Extracted From Well	TI-02	16.0	60.8	DDC-2					
12:09	Pre-Heater Outlet	TI-03	25.0	77.0	Post Shell and Tubing					
12:08	Pre-Heater Input	TI-04	18.0	64.4	Before Shell and Tubing					
12:07	After Cooler Outlet	TI-05	24.0	75.2	Post Cooler Reading					
12:08	After Cooler Input	TI-06	34.0	93.2	Before Cooler Reading					
12:09	Blower Outlet	TI-07	45.0	113.0	Going to Pre-heater					
12:09	Between GAC Units	TI-08	24.0	75.2	After GAC #1					
12:09	GAC Unit Output	TI-09	24.0	75.2	After GAC #2					

			acuum Monitoring	
Time	Location	PI/VI-ID	Pressure	Comments
12:06	Discharge to Well	PI-01	2.2 PSI	DDC-1
12:06	Discharge to Well	PI-02	2.2 PSI	DDC-2
12:09	Drum	PI-03	-29.0 in. H2O	Vacuum Reading Going to Blower

	Flow Readings						
Time	IF-ID	Location	Flow (SCFM)				
12:06	FI-01	Extracted From DDC-1					
12:06	FI-02	Extracted From DDC-2	190				

Comments:

1) Flow meter F0-1 not functioning. Air flow visually inspected at DDC-1 well head. Determined that DDC-1 bubbling sufficiently.

DATE: <u>04/18/2012</u>		DAY: Wednesday	TECHNICIAN: Ro	b Peterson					
Weather: 59F, Partl	y Cloudy								
TCE Groundy	vater Treatment System #	1	GA	AC Unit Information					
ı	Influent Port		Between GAC Un	it #1 and GAC Unit	#2		Effluent Por	t	
TIME	PID VOC Temp ppm Deg. F		II LIVIE II	D VOC Temp Deg.		TIME	PID VOC ppm	Temp Deg. F	
12:11	0 78.2		12:14	0.0 71.4		12:17	0.0	68.1	
Comments:	None		Comments: None	•	-	Comments: N	one		
II: System	Maintenance and Ob				Inspection of Sumps A	ssociated with DDC Wells			
Well#	Comments			Well#		Comments		7	
DDC-1	Bubbling in well sufficient.			DDC-1	No sump associated wit	th this well.			
DDC-2	Bubbling in well sufficient.			DDC-2	~1-inches of water deter operational	cted within sump. Sump	pump non-		
	rels in Knock-Out Tanks		rel on Blower		Addition Comments:	Water was discharged fro			
Comments: tanks.	No water detected in K/O	Comments: Oil levels were 8/17/11 with Omega SB-2 tomorrow (19 April 2012).	e good. Oil was changed on 20 oil. Plan to change oil		Addition Continents:	leading back to the	system shed m	ost likely contain	water.

III: System Evaluation

$>\!\!<$	System is operating satisfactorily
	EA recommends / implements the following

DATE: 04/18/2012 DAY: Wednesday TECHNICIAN: Rob Peterson

Weather: 59F, Partly Cloudy

TCE Groundwater Treatment System #2 STATUS: ON OFF

I: System Data Collection

Total Run Time Meter Reading: 13,332.9 hours.

System Running at 41.0 Hz.

		Tei	mperature Monitorir	ng	
Time	Location	TI-ID	Temperature deg. C	Temperature deg. F	Comments
11:44	Carbon Unit Inlet	CA01	24.0	75.2	Carbon Unit #1
11:46	Pre-Heater	PHA01	32.2	90.0	After Shell and Tubing
11:47	Blower Panel	B01	69.0	156.2	Exiting Blower
11:46	After Cooler Outlet	AC01	36.7	98.0	Post Cooler Piping
11:47	Pre-Heater	PHB01	57.2	135.0	Before Shell and Tubing

		Press	sure/Vacuum Monitoring	
Time	Location	TI-ID	Pressure	Comments
11:45	Knock-Out Tank	T01	0.0 in. Hg	Vacuum gauge on knock-out tank
11:44	Carbon-Unit #1 Outlet	CA1	-4.5 in. Hg	Vacuum exiting GAC #1
11:45	Discharge to Wells	WD2	2.3 PSI	Pressure reading on piping prior to splicing off to both wells
11:47	Blower Panel	BP01	-1.3 in. Hg	Vacuum coming off of blower
11:46	Carbon Unit #2 Outlet	CA2	-4.0 in. Hg	Vacuum exiting GAC #2
11:58	DDC-3	N/A	0.0 PSI	Pressure gauge on well head
12:02	DDC-4	N/A	0.0 PSI	Pressure gauge on well head

		Flow Readings	
Time	TI-ID	Location	Flow (CFM)
11:44	WD01	Injected Air to DDC-3	150
11:44	WD02	Injected Air to DDC-4	157

Comments: None

TCE Groundwater Treatment System #2

Influent Port GAC#1

TIME	PID VOC ppm	Temp Deg. F
11:50	0.0	71.0
Comments:	None	

GAC Unit Information

Influ	ent Port G	AC#2
TIME	PID VOC ppm	Temp Deg. F
11:53	0.0	71.9
Comments: I	None	

	Effluent	
TIME	PID VOC ppm	Temp Deg. F
11:56	0.0	70.9
Comments: No	ne	

II: System Maintenance and Observations

Inspection of Water Column in DDC Wells

Well#	Comments
DDC-3	Bubbling was sufficient.
DDC-4	Bubbling was sufficient.

Inspection of Sumps Associated with DDC Wells

\	Well#	Comments
С	DDC-3	~1-inches of water detected in sump. Sump pump non- operational. See additional comments.
	DDC-4	~3-inches of water detected in sump. Sump pump non- operational. See additional comments.

Addition Comments:	Water was discharged from DDC-4 and DDC-3 sumps via a whale pump. The lines leading back to the system shed most likely contain water. Plan to replace DDC-3 and DDc-4 pumps tomorrow (19 April 2012) under warranty.
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Liquid Levels in Knock-Out Tanks

Comments: No water was detected within site-glass.

Oil Level on Blower
Comments: Oil levels were good. Oil was changed on 8/17/11 with Omega SB-220 oil. Plan to change oil tomorrow (19 April 2012).

III: System Evaluation

System is operating satisfactorily
EA recommends / implements the following

N/A
