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VIA ELECTRONIC MAIL

October 14, 2019

Mr. Aaron Fischer
Remedial Bureau B
Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway – 12th Floor
Albany, New York 12233-7016

**Subject: Monthly Progress Report
GE Main Plant (Site No. 4-47-004)
Schenectady, New York**

Dear Aaron:

Pursuant to Section III of the Order on Consent and Administrative Settlement (Index No. A4-0562-0806) regarding General Electric Company's (GE's) Main Plant in Schenectady, New York, please find attached the Monthly Progress Report covering September 2019. As always, please call me if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Tom D. Antonoff'.

Tom D. Antonoff
Senior Project Manager

Attachment

cc: Stephanie Selmer, NYSDOH (via email)
Ben Conlon, Esq., NYSDEC (via email)
Damian Foti, GE (via email)
Eric Merrifield, GE (via email)
Angelica Todd, GE (via email)
Matt Sausville, Ramboll (via email)
Paul Hare, Ramboll (via email)

MONTHLY PROGRESS REPORT

Order on Consent and Administrative Settlement (Index No. A4-0562-0806) GE Main Plant (Site No. 4-47-004) Schenectady, New York

Month Covered: September 2019

I. Actions Taken During Month:

- The Monthly Progress Report (MPR) was submitted to the New York State Departments of Environmental Conservation and Health (NYSDEC and NYSDOH, respectively) on or before September 15, 2019 (or the next business day if on a weekend or holiday).
- O'Brien & Gere Engineers, Inc. (OBG, a Ramboll company) continued operation, maintenance and monitoring (OM&M) of the Seep Collection and Treatment System (SCTS) throughout the month. OBG performed weekly sampling events on September 5, 12, 19, and 26, 2019. System information was collected and recorded during each site visit on Operations Log Sheets, which are attached.
- OBG completed the third quarter Polychlorinated Biphenyl (PCB) Minimization Work Plan sampling on September 19, 2019.
- OBG completed the third quarter Light Non-Aqueous Phase Liquid (LNAPL) gauging and recovery event on September 11, 2019. Approximately 167 ounces of light non-aqueous phase liquid (LNAPL) were recovered. The LNAPL gauging and recovery measurement data sheet is attached.
- In preparation for the annual groundwater sampling event, OBG will complete construction of passive diffusion bag (PDB) holders and continue deployment in October 2019 in the monitoring wells that are only sampled for volatile organics.
- OBG completed the third quarter soil/asphalt cover system inspections for the Phase 3 West, Phase 5A, Phase 5B, Phase 5C and the City Water Main areas on September 11, 2019.
- OBG completed the annual soil/asphalt cover system inspections for the Phase 1, Phase 2, Phase 3, Phase 4, Phase 5, the Electrical High Yard, Seep 1 Armoring and Seep 8 Armoring areas September 11, 2019.
- OBG continued preparation of (a) the Annual Groundwater and Surface Water Monitoring Report and (b) the Annual Operation, Maintenance and Monitoring Report.
- OBG continued preparation of the annual Agronomic Cover System inspection report
- GE continued working with NYSDEC's real estate group to draft the site's environmental covenant.

II. Analytical and Other Results Obtained During Month:

- Analytical results are attached for the samples collected from the SCTS on September 5, 12, 19, and 26, 2019.

III. Deliverables Submitted or Approved During Month:

- None in September 2019.

IV. Actions Scheduled for Following Month:

- GE will submit this MPR to NYSDEC and NYSDOH on or before October 15, 2019 (or the following business day if on a weekend or holiday).
- OBG will continue OM&M of the SCTS, including weekly effluent sampling.
- OBG will collect system optimization samples from the SCTS to evaluate the water quality of the backwash effluent out of the sand filters.
- OBG will complete SGTS injections at the Zone 2 and Zone 3 “B” wells.
- In preparation for the annual groundwater sampling event, OBG will complete construction of PDB holders and continue deployment in October 2019 in the monitoring wells that are only sampled for volatile organics.
- OBG expects to perform the fourth quarter SGTS groundwater sampling event in late October 2019.
- OBG expects to perform the second semi-annual enhanced bioremediation and DM-405F groundwater sampling events in late October 2019.
- OBG will complete and submit the Annual Groundwater and Surface Water Monitoring Report to NYSDEC and NYSDOH.
- OBG will continue preparation of the Annual OM&M Report.

V. Anticipated Delays and Mitigative Measures:

- None in September 2019.

VI. Proposed or Approved Modifications:

- None in September 2019.

VII. Citizen Participation Activities:

- None in September 2019.

Attachments

Operations Logs for Seep Collection & Treatment System

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	9/3/19	9/4/19	9/5/19	9/6/19
				TIME:	1400	1400	1400	1400
				INITIALS:	DS	DS	DS	DS
SEEP COLLECTION PUMP STATIONS (SEEP 1 - 4, SEEP 5 AND SEEP 6)								
SEEP 1 - 4 PUMP RUN	Y/N	P-100A	SEEP 1-4 P-STATION PUMP		Y	Y	Y	Y
SEEP 5 PUMP RUN	Y/N	P-100B	SEEP 5 P-STATION PUMP		Y	Y	Y	Y
SEEP 6 PUMP RUN	Y/N	P-100C	SEEP 6 P-STATION PUMP		N	N	N	N
INFLUENT TANK (T-101)								
FLOW METER - 100A (FM-A)	GPM	FQIT-100A	S1-4 IN-FLOW		20.75	19.97	18.81	18.17
FLOW METER - 100B (FM-B)	GPM	FQIT-100B	S5 IN-FLOW		22.67	21.78	21.44	22.72
FLOW METER - 100C (FM-C)	GPM	FQIT-100C	S6 IN-FLOW		29.18	-	-	-
FLOW METER - 101	GPM	FQIT-101	INF TK OUT-FLOW		13,027,400	45.22	29.66	29.55
FLOW METER - 100A	TOTAL	FQIT-100A	S1-4 IN-FLOW		964,000	13,049,700	13,069,700	13,092,700
FLOW METER - 100B	TOTAL	FQIT-100B	S5 IN-FLOW		13,027,400	977,600	989,900	1,004,000
FLOW METER - 100C	TOTAL	FQIT-100C	S6 IN-FLOW		640,040	640,040	640,040	640,040
FLOW METER - 101	TOTAL	FQIT-101	INF TK OUT-FLOW		2,372,200	2,409,700	2,445,200	2,485,200
BLOWER RUNNING	Y/N	B-101	INF TK BLOWER		Y	Y	Y	Y
BLOWER PRESSURE	PSI	PI-101	INF TK BLOWER PRESS.		4	3	4	4
VFD RATE	Hz	B-101	INF TK BLOWER VFD		49.98	49.97	49.98	50.03
INF Ph	SU	AIT-101	pH FOR INF. WATER		7.57	7.71	7.84	7.62
pH Probe checked	Y/N	AIT-101	pH Probe at influent tank		Y	Y	Y	Y
pH Probe clean (1X/week min)	Y/N	AIT-101	pH Probe at influent tank		N	N	N	Y
INF TANK LEVEL	inwc	T-101	LEVEL TRANSMIT.		53.35	69.27	63.72	68.69
RECIRC PUMP RUNNING	Y/N	P-102	IN TK RECIRC PUMP		Y	Y	Y	Y
VFD RATE	Hz	P-102	IN TK RECIRC VFD		24.92	44.95	24.97	24.91
CAUSTIC PUMP RUNNING	Y/N	P-201	IN TK CAUSTIC ADD		Y	Y	Y	Y
CAUSTIC TANK LEVEL	L	T-201	IN TK CAUSTIC ADD		35 gal / 19"	30 gal / 16"	82 gal / 43"	77 gal / 40"
CAUSTIC USAGE	GAL	T-201	CAUSTIC USAGE		16 gal	5 gal	3 gal	5 gal
CAUSTIC USAGE	TOT	T-201	CAUSTIC USAGE		-	55	-	-
CLARIFIER SYSTEM (T-103B)								
FLASH MIX TANK MIXER RUN.	Y/N	M-102	COAG MIXER		Y	Y	Y	Y
COAGULANT PUMP RUNNING	Y/N	P-202	COAG PUMP		Y	Y	Y	Y
COAGULANT LEVEL	% Full	T-202	COAG TANK		46 gal / 25"	45 gal / 24"	44 gal / 23"	42 gal / 22"
COAGULANT DOSE RATE	mg/l	FE-202	COAG FLOW TO TANK		16	16	16	16
FLOC TANK MIXER RUNNING	Y/N	M-103A	FLOC MIXER		Y	Y	Y	Y
FLOCCULANT PUMP RUNNING	Y/N	P-203	FLOC PUMP		Y	Y	Y	Y
FLOC LEVEL	% Full	T-203	FLOC TANK LEVEL		6 gal / 12"	6 gal / 11.5"	5.9 gal / 11"	5.6 gal / 11"
FLOCCULANT DOSE RATE	GPM	FE-203	DILUTED FLOC TO FLOC MIX TK		1.00	1.00	1.00	1.00
CLARIFIER RAKE MIXER RUN.	Y/N	M-103B	CLARIFIER MIXER		Y	Y	Y	Y
CLARIFIER SLUDGE PUMP RUN.	Y/N	P-103	SLUDGE PUMP TO GEOTUBE		Y	Y	Y	Y
AIR COMPRESSOR RUNNING	Y/N	C-302	SLUDGE PUMP POWER		Y	Y	Y	Y

**OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK**

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	9/13/19	9/14/19	9/15/19	9/16/19
				TIME:	1400	1400	1400	1400
				INITIALS:	JS	JS	JS	JS
AIR COMPRESSOR PRESSURE	PSI	PI-302	AIR COMP. PRESSURE		-	-	-	-
CLARIFIER EFF TANK LEVEL	FEET	T-104	GRAVITY TANK POST CLAR.		25"	38"	37"	24"
CLARIFIER EFF PUMP A RUN	Y/N	P-104A	PUMP TO FILTRATION		N	N	N	N
VFD RATE	Hz	P-104A	PUMP RATE TO FILTRATION		-	-	-	-
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104A	PUMP PRESSURE TO FILT.		-	-	-	-
CLARIFIER EFF PUMP B RUN	Y/N	P-104B	PUMP TO FILTRATION		Y	Y	Y	Y
VFD RATE	Hz	P-104B	PUMP RATE TO FILTRATION		35-	35.00	35.00	35.00
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104B	PUMP PRESSURE TO FILT.		29	32	32	28
GEOTUBE SYSTEM								
GEOTUBE CONTAINER 1 LEVEL	EST.	G-101	GEOTUBE DEWATERING BOX		10%	10%	10%	10%
GEOTUBE CONTAINER 2 LEVEL	EST.	G-102	GEOTUBE DEWATERING BOX		80%	75%	75%	75%
GEOTUBE DISPOSAL	Y/N	G-101/G-102	GEOTUBE DEWATERING BOX		N	N	N	N
GEOTUBE DISPOSAL QTY	TON	G-101/G-102	WEIGHT OF MATERIAL DISPOSED		-	-	-	-
POLYMER PUMP RUNNING	Y/N	P-20S	POLY ADD TO SLUDGE		Y	Y	Y	Y
POLYMER DOSE	GPM	FE-20S	POLY FLOW TO SLUDGE		1.00	1.00	1.00	1.00
POLYMER TANK LEVEL	% Full	T-20S	POLYMER LEVEL IN TANK		10"	10"	8"	8"
FILTRATION SYSTEM								
SAND FILTER A IN-USE	Y/N	TA-10SA	SAND FILTER		Y	Y	Y	Y
SAND FILTER A BACKWASH	Y/N	TA-10SA	SAND FILTER		Y	Y	Y	Y
INLET PRESSURE	PSI	PI-10SA/PI-703	INLET PRESSURE TO SAND		22	25	25	28
OUTLET PRESSURE	PSI	PDSH-10SA	OUTLET PRESS. TO BAG FIL.		14	12	14	14
PRESSURE DIFFERENTIAL	PSI	PDSH-10SA	PRESSURE DIFFERENTIAL		8	13	11	6
SAND FILTER B IN-USE	Y/N	TA-10SB	SAND FILTER		Y	Y	Y	Y
SAND FILTER B BACKWASH	Y/N	TA-10SB	SAND FILTER		Y	Y	Y	Y
INLET PRESSURE	PSI	PI-10SB/PI-703	INLET PRESSURE TO SAND		22	25	26	22
OUTLET PRESSURE	PSI	PDSH-10SB	OUTLET PRESS. TO BAG FIL.		14	13	14	13
PRESSURE DIFFERENTIAL	PSI	PDSH-10SB	PRESSURE DIFFERENTIAL		11.8	12	12	9
BAG FILTER 701 IN-USE	Y/N	F-701A	10, 5 and 1 MICRON BAG FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-701A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-701A	PRESSURE DIFFERENTIAL					
BAG CHANGES	Y/N	F-701A	BAG FILTER					
BAG FILTER 702 IN-USE	Y/N	F-702A	10, 5 and 1 MICRON BAG FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-702A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-702A	PRESSURE DIFFERENTIAL					
BAG CHANGE	Y/N	F-702A	BAG FILTER					

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	9/3/19	9/4/19	9/5/19	9/6/19
				TIME:	1400	1400	1400	1400
				INITIALS:	JS	JS	JS	JS
CARBON FILTER 1 IN-USE	Y/N	TA-106A	CARBON FILTER		Y	Y	Y	Y
CARBON FILTER 1 BACKWASH	Y/N	TA-106A	CARBON FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-106A	INLET PRESSURE FROM BF		15	17	12	13
OUTLET PRESSURE	PSI	PI-106B	OUTLET PRESS. TO EFF-TK		13	12	12	13
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		2	2	—	—
CARBON FILTER 2 IN-USE	Y/N	TA-106B	CARBON FILTER		Y	Y	Y	Y
CARBON FILTER 2 BACKWASH	Y/N	TA-106B	CARBON FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-106B	INLET PRESSURE FROM BF		14	14	14	14
OUTLET PRESSURE	PSI		OUTLET PRESS. TO EFF-TK		12	14	14	14
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		3	—	—	—
BACKWASH PUMP A RUN	Y/N	P-305A	BACKWASH PUMP TO FILT.		N	N	N	N
BACKWASH PRESSURE	PSI	PI-305A	BACKWASH PRESSURE		—	—	—	—
BACKWASH PUMP B RUN	Y/N	P-305B	BACKWASH PUMP TO FILT.		Y	Y	Y	Y
BACKWASH PRESSURE	PSI	PI-305B	BACKWASH PRESSURE		95	92	93	92
EFFLUENT AND FINAL HOLDING TANK (T-107 AND T-401)								
EFFLUENT FLOW METER	GPM	FQIT-107	FLOW RATE FROM FILTERS		54.20	54.89	54.72	50.14
EFF. FLOW METER TOTAL	TOT.	FQIT-107	TOTAL FLOW		1,340,300	1,368,600	1,398,800	1,431,600
EFFLUENT TANK LEVEL	inwc	T-107	TANK LEVEL		104.43	59.75	58.72	100.32
pH METER	SU	AIT-107	EFF. pH		7.78	7.71	7.76	7.86
DISSOLVED OXYGEN (DOM-107)	DO	AIT-107A	EFF. DO READING		—	—	—	—
TURBIDITY (TBM-107)	NTU	AIT-107B	EFF. TURBIDITY		0.41	0.41	0.41	0.41
FINAL HOLDING TANK LEVEL	FEET	T-401	FH TK LEVEL		15"	15"	14"	32"
IRRIG. PUMP RUNNING	Y/N	P-401	IRRIGATION SYSTEM		N	N	N	N
VFD RATE	Hz	P-401	IRRIGATION SYSTEM		—	—	—	—
GRAVITY OUTFALL IN-USE	Y/N	OF-101	OUTFALL TO POENTIC KILL		N	N	Y	N
BUILDING SYSTEM COMPONENTS								
EXHAUST FAN NW IN-USE	Y/N	EF-1	EXHAUST FANS		N	N	N	N
EXHAUST FAN NE IN-USE	Y/N	EF-2	EXHAUST FANS		N	N	N	N
BUILDING HEATERS IN-USE	Y/N	UH-1-B	HEATERS		Y	Y	Y	Y
BUILDING TEMPERATURE	DEG. F		BLDG. TEMP		75°	75°	75	75
OVERHEAD DOOR SW OPER.	Y/N		OVERHEAD DOOR		Y	Y	Y	Y
OVERHEAD DOOR NE OPER.	Y/N		OVERHEAD DOOR		Y	Y	Y	Y
OVERHEAD DOOR SE OPER.	Y/N		OVERHEAD DOOR		Y	Y	Y	Y
BLDG CONT SYS OPERATIONAL	Y/N		REMOTE TELEMETRY SYS		Y	Y	Y	Y
GENERAL COMMENTS								

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	9/9/19	9/10/19	9/11/19	9/12/19
				TIME:	1400	1400	1400	1400
				INITIALS:	DS	DS	DS	DS
SEEP COLLECTION PUMP STATIONS (SEEP 1 - 4, SEEP 5 AND SEEP 6)								
SEEP 1 - 4 PUMP RUN	Y/N	P-100A	SEEP 1-4 P-STATION PUMP		Y	Y	Y	Y
SEEP 5 PUMP RUN	Y/N	P-100B	SEEP 5 P-STATION PUMP		Y	Y	Y	Y
SEEP 6 PUMP RUN	Y/N	P-100C	SEEP 6 P-STATION PUMP		N	N	N	N
INFLUENT TANK (T-101)								
FLOW METER - 100A (FM-A)	GPM	FQIT-100A	S1-4 IN-FLOW		15.98	18.25	17.97	18.39
FLOW METER - 100B (FM-B)	GPM	FQIT-100B	S5 IN-FLOW		22.91	21.44	21.65	20.34
FLOW METER - 100C (FM-C)	GPM	FQIT-100C	S6 IN-FLOW		-	-	-	-
FLOW METER - 101	GPM	FQIT-101	INF TK OUT-FLOW		30.31	25.05	25.38	26.37
FLOW METER - 100A	TOTAL	FQIT-100A	S1-4 IN-FLOW		13,154,800	13,173,100	13,190,700	13,211,600
FLOW METER - 100B	TOTAL	FQIT-100B	S5 IN-FLOW		1,042,800	1,053,600	1,064,400	1,077,600
FLOW METER - 100C	TOTAL	FQIT-100C	S6 IN-FLOW		640,040	640,040	640,040	640,040
FLOW METER - 101	TOTAL	FQIT-101	INF TK OUT-FLOW		25,939,000	2,644,300	2,655,000	2,681,500
BLOWER RUNNING	Y/N	B-101	INF TK BLOWER		Y	Y	Y	Y
BLOWER PRESSURE	PSI	PI-101	INF TK BLOWER PRESS.		4	3	3	3
VFD RATE	Hz	B-101	INF TK BLOWER VFD		50	50.02	50.04	49.98
INF Ph	SU	AIT-101	pH FOR INF. WATER		7.72	7.67	7.65	7.52
pH Probe checked	Y/N	AIT-101	pH Probe at influent tank		Y	Y	Y	Y
pH Probe clean (1X/week min)	Y/N	AIT-101	pH Probe at influent tank		N	N	N	N
INF TANK LEVEL	inwc	T-101	LEVEL TRANSMIT.		72.24	25.72	30.39	39.23
RECIRC PUMP RUNNING	Y/N	P-102	IN TK RECIRC PUMP		Y	Y	Y	Y
VFD RATE	Hz	P-102	IN TK RECIRC VFD		25	24.97	24.97	24.91
CAUSTIC PUMP RUNNING	Y/N	P-201	IN TK CAUSTIC ADD		Y	Y	Y	Y
CAUSTIC TANK LEVEL	L	T-201	IN TK CAUSTIC ADD		6.8gal/36"	6.5gal/34"	6.3gal/33"	6.0gal/32"
CAUSTIC USAGE	GAL	T-201	CAUSTIC USAGE		9gal	3gal	2gal	3gal
CAUSTIC USAGE	TOT	T-201	CAUSTIC USAGE		-	-	-	-
CLARIFIER SYSTEM (T-103B)								
FLASH MIX TANK MIXER RUN.	Y/N	M-102	COAG MIXER		Y	Y	Y	Y
COAGULANT PUMP RUNNING	Y/N	P-202	COAG PUMP		Y	Y	Y	Y
COAGULANT LEVEL	% Full	T-202	COAG TANK		40gal/22"	37gal/20"	35.2gal/19"	35gal/19"
COAGULANT DOSE RATE	mg/l	FE-202	COAG FLOW TO TANK		16	16	16	16
FLOC TANK MIXER RUNNING	Y/N	M-103A	FLOC MIXER		Y	Y	Y	Y
FLOCCULANT PUMP RUNNING	Y/N	P-203	FLOC PUMP		Y	Y	Y	Y
FLOC LEVEL	% Full	T-203	FLOC TANK LEVEL		5.6gal/11"	5.5gal/10.75"	5.5gal/10.75"	5.3gal/10.25"
FLOCCULANT DOSE RATE	GPM	FE-203	DILUTED FLOC TO FLOC MIX TK		1.00	1.00	1.00	1.00
CLARIFIER RAKE MIXER RUN.	Y/N	M-103B	CLARIFIER MIXER		Y	Y	Y	Y
CLARIFIER SLUDGE PUMP RUN.	Y/N	P-103	SLUDGE PUMP TO GEOTUBE		Y	Y	Y	Y
AIR COMPRESSOR RUNNING	Y/N	C-302	SLUDGE PUMP POWER		Y	Y	Y	Y

1. DS. 09/11/19

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	9/4/19	9/10/19	9/11/19	9/12/19
				TIME:	7400	1400	1400	1400
				INITIALS:	DS	DS	DS	DS
AIR COMPRESSOR PRESSURE	PSI	PI-302	AIR COMP. PRESSURE		—	—	—	—
CLARIFIER EFF TANK LEVEL	FEET	T-104	GRAVITY TANK POST CLAR.		33"	31"	33	23
CLARIFIER EFF PUMP A RUN	Y/N	P-104A	PUMP TO FILTRATION		N	N	N	N
VFD RATE	H2	P-104A	PUMP RATE TO FILTRATION		—	—	—	—
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104A	PUMP PRESSURE TO FILT.		—	—	—	—
CLARIFIER EFF PUMP B RUN	Y/N	P-104B	PUMP TO FILTRATION		Y	Y	Y	Y
VFD RATE	H2	P-104B	PUMP RATE TO FILTRATION		3501	34.98	34.99	34.99
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104B	PUMP PRESSURE TO FILT.		26	30	32	34
GEOTUBE SYSTEM								
GEOTUBE CONTAINER 1 LEVEL	EST.	G-101	GEOTUBE DEWATERING BOX		80%	85%	80%	80%
GEOTUBE CONTAINER 2 LEVEL	EST.	G-102	GEOTUBE DEWATERING BOX		10%	10%	10%	10%
GEOTUBE DISPOSAL	Y/N	G-101/G-102	GEOTUBE DEWATERING BOX		N	N	N	N
GEOTUBE DISPOSAL QTY	TON	G-101/G-102	WEIGHT OF MATERIAL DISPOSED		—	—	—	—
POLYMER PUMP RUNNING	Y/N	P-205	POLY ADD TO SLUDGE		Y	Y	Y	Y
POLYMER DOSE	GPM	FE-205	POLY FLOW TO SLUDGE		0.595	0.595	0.595	0.595
POLYMER TANK LEVEL	% Full	T-205	POLYMER LEVEL IN TANK		17"	14"	11"	16"
FILTRATION SYSTEM								
SAND FILTER A IN-USE	Y/N	TA-105A	SAND FILTER		Y	Y	Y	Y
SAND FILTER A BACKWASH	Y/N	TA-105A	SAND FILTER		N	Y	N	N
INLET PRESSURE	PSI	PI-105A/PI-703	INLET PRESSURE TO SAND		20	23	25	28
OUTLET PRESSURE	PSI	PDSH-105A	OUTLET PRESS. TO BAG FIL.		14	14	13	12
PRESSURE DIFFERENTIAL	PSI	PDSH-105A	PRESSURE DIFFERENTIAL		6	9	12	16
SAND FILTER B IN-USE	Y/N	TA-105B	SAND FILTER		Y	Y	Y	Y
SAND FILTER B BACKWASH	Y/N	TA-105B	SAND FILTER		Y	N	Y	N
INLET PRESSURE	PSI	PI-105B/PI-703	INLET PRESSURE TO SAND		20	23	26	28
OUTLET PRESSURE	PSI	PDSH-105B	OUTLET PRESS. TO BAG FIL.		14	14	14	12
PRESSURE DIFFERENTIAL	PSI	PDSH-105B	PRESSURE DIFFERENTIAL		6	9	12	16
BAG FILTER 701 IN-USE	Y/N	F-701A	10, 5 and 1 MICRON BAG FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-701A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-701A	PRESSURE DIFFERENTIAL					
BAG CHANGES	Y/N	F-701A	BAG FILTER					
BAG FILTER 702 IN-USE	Y/N	F-702A	10, 5 and 1 MICRON BAG FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-702A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-702A	PRESSURE DIFFERENTIAL					
BAG CHANGE	Y/N	F-702A	BAG FILTER					

DS 9/12/19

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	9/9/19	9/10/19	9/11/19	9/12/19
				TIME:	1400	1400	1400	1400
				INITIALS:	SS	SS	SS	SS
CARBON FILTER 1 IN-USE	Y/N	TA-106A	CARBON FILTER		Y	Y	Y	Y
CARBON FILTER 1 BACKWASH	Y/N	TA-106A	CARBON FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-106A	INLET PRESSURE FROM BF		15	15	13	16
OUTLET PRESSURE	PSI	PI-106B	OUTLET PRESS. TO EFF-TK		15	13	12	14
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		-	2	1	2
CARBON FILTER 2 IN-USE	Y/N	TA-106B	CARBON FILTER		Y	Y	Y	Y
CARBON FILTER 2 BACKWASH	Y/N	TA-106B	CARBON FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-106B	INLET PRESSURE FROM BF		16	14	13	13
OUTLET PRESSURE	PSI		OUTLET PRESS. TO EFF-TK		16	14	13	13
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		7	7	7	7
BACKWASH PUMP A RUN	Y/N	P-305A	BACKWASH PUMP TO FILT.		N	N	N	N
BACKWASH PRESSURE	PSI	PI-305A	BACKWASH PRESSURE		-	-	-	-
BACKWASH PUMP B RUN	Y/N	P-305B	BACKWASH PUMP TO FILT.		Y	Y	Y	N
BACKWASH PRESSURE	PSI	PI-305B	BACKWASH PRESSURE		94	93	93	-
EFFLUENT AND FINAL HOLDING TANK (T-107 AND T-401)								
EFFLUENT FLOW METER	GPM	FQIT-107	FLOW RATE FROM FILTERS		55.64	54.26	52.55	57.02
EFF. FLOW METER TOTAL	TOT.	FQIT-107	TOTAL FLOW		1,578,400	1,542,400	1,563,000	1,596,400
EFFLUENT TANK LEVEL	inwc	T-107	TANK LEVEL		75.37	59.66	80.07	99.66
pH METER	SU	AIT-107	EFF. pH		7.89	7.86	7.85	7.86
DISSOLVED OXYGEN (DOM-107)	DO	AIT-107A	EFF. DO READING		-	-	-	-
TURBIDITY (TBM-107)	NTU	AIT-107B	EFF. TURBIDITY		0.41	0.41	0.41	0.42
FINAL HOLDING TANK LEVEL	FEET	T-401	FH TK LEVEL		15"	23"	14"	40"
IRRIG. PUMP RUNNING	Y/N	P-401	IRRIGATION SYSTEM		N	N	N	N
VFD RATE	Hz	P-401	IRRIGATION SYSTEM		-	-	-	-
GRAVITY OUTFALL IN-USE	Y/N	OF-101	OUTFALL TO POENTIC KILL		Y	Y	Y	Y
BUILDING SYSTEM COMPONENTS								
EXHAUST FAN NW IN-USE	Y/N	EF-1	EXHAUST FANS		N	N	N	N
EXHAUST FAN NE IN-USE	Y/N	EF-2	EXHAUST FANS		N	N	N	N
BUILDING HEATERS IN-USE	Y/N	UH-1-8	HEATERS		Y	Y	Y	Y
BUILDING TEMPERATURE	DEG. F		BLDG. TEMP		Y	Y	Y	Y
OVERHEAD DOOR SW OPER.	Y/N		OVERHEAD DOOR		Y	Y	Y	Y
OVERHEAD DOOR NE OPER.	Y/N		OVERHEAD DOOR		Y	Y	Y	Y
OVERHEAD DOOR SE OPER.	Y/N		OVERHEAD DOOR		Y	Y	Y	Y
BLDG CONT SYS OPERATIONAL	Y/N		REMOTE TELEMETRY SYS		Y	Y	Y	Y
GENERAL COMMENTS								

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	09/13/19	09/16/19	09/17/19	09/18/19
				TIME:	1400	1400	1400	1400
				INITIALS:	DS	DS	DS	DS
SEEP COLLECTION PUMP STATIONS (SEEP 1 - 4, SEEP 5 AND SEEP 6)								
SEEP 1 - 4 PUMP RUN	Y/N	P-100A	SEEP 1-4 P-STATION PUMP		Y	Y	Y	Y
SEEP 5 PUMP RUN	Y/N	P-100B	SEEP 5 P-STATION PUMP		Y	Y	Y	Y
SEEP 6 PUMP RUN	Y/N	P-100C	SEEP 6 P-STATION PUMP		N	N	N	N
INFLUENT TANK (T-101)								
FLOW METER - 100A (FM-A)	GPM	FQIT-100A	S1-4 IN-FLOW		18.90	20.09	21.16	20.59
FLOW METER - 100B (FM-B)	GPM	FQIT-100B	S5 IN-FLOW		20.45	18.64	18.81	18.85
FLOW METER - 100C (FM-C)	GPM	FQIT-100C	S6 IN-FLOW		-	-	-	-
FLOW METER - 101	GPM	FQIT-101	INF TK OUT-FLOW		21.08	27.58	20.54	32.77
FLOW METER - 100A	TOTAL	FQIT-100A	S1-4 IN-FLOW		13,230,000	13,286,500	13,305,900	13,324,600
FLOW METER - 100B	TOTAL	FQIT-100B	S5 IN-FLOW		1,088,900	1,123,100	1,134,600	1,145,800
FLOW METER - 100C	TOTAL	FQIT-100C	S6 IN-FLOW		640,040	640,040	640,040	640,040
FLOW METER - 101	TOTAL	FQIT-101	INF TK OUT-FLOW		2,724,200	2,821,700	2,854,800	2,889,400
BLOWER RUNNING	Y/N	B-101	INF TK BLOWER		Y	Y	Y	Y
BLOWER PRESSURE	PSI	PI-101	INF TK BLOWER PRESS.		3	3	3	3
VFD RATE	Hz	B-101	INF TK BLOWER VFD		49.97	49.98	49.97	50.03
INF Ph	SU	AIT-101	pH FOR INF. WATER		7.68	7.54	7.60	7.58
pH Probe checked	Y/N	AIT-101	pH Probe at influent tank		Y	Y	Y	Y
pH Probe clean (1X/week min)	Y/N	AIT-101	pH Probe at influent tank		Y	N	N	N
INF TANK LEVEL	inwc	T-101	LEVEL TRANSMIT.		40.14	26.40	29.30.01	61.91
RECIRC PUMP RUNNING	Y/N	P-102	IN TK RECIRC PUMP		Y	Y	Y	Y
VFD RATE	Hz	P-102	IN TK RECIRC VFD		49.92	24.92	24.94	34.94
CAUSTIC PUMP RUNNING	Y/N	P-201	IN TK CAUSTIC ADD		Y	Y	Y	Y
CAUSTIC TANK LEVEL	L	T-201	IN TK CAUSTIC ADD		58gal/18"	53gal/28"	52gal/28"	51gal/27"
CAUSTIC USAGE	GAL	T-201	CAUSTIC USAGE		5	5	2	1
CAUSTIC USAGE	TOT	T-201	CAUSTIC USAGE		-	-	-	-
CLARIFIER SYSTEM (T-103B)								
FLASH MIX TANK MIXER RUN.	Y/N	M-102	COAG MIXER		Y	Y	Y	Y
COAGULANT PUMP RUNNING	Y/N	P-202	COAG PUMP		Y	Y	Y	Y
COAGULANT LEVEL	% Full	T-202	COAG TANK		33gal/18"	30gal/16"	65gal/35"	69gal/35"
COAGULANT DOSE RATE	mg/l	FE-202	COAG FLOW TO TANK		16	16	16	16
FLOC TANK MIXER RUNNING	Y/N	M-103A	FLOC MIXER		Y	Y	Y	Y
FLOCCULANT PUMP RUNNING	Y/N	P-203	FLOC PUMP		Y	Y	Y	Y
FLOC LEVEL	% Full	T-203	FLOC TANK LEVEL		5.1gal/10"	5gal/9 1/2"	9.1gal/18"	9gal/17 1/2"
FLOCCULANT DOSE RATE	GPM	FE-203	DILUTED FLOC TO FLOC MIX TK		1.00	1.00	1.00	1.00
CLARIFIER RAKE MIXER RUN.	Y/N	M-103B	CLARIFIER MIXER		Y	Y	Y	Y
CLARIFIER SLUDGE PUMP RUN.	Y/N	P-103	SLUDGE PUMP TO GEOTUBE		Y	Y	Y	Y
AIR COMPRESSOR RUNNING	Y/N	C-302	SLUDGE PUMP POWER		Y	Y	Y	Y

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	09/13/19	09/16/19	09/17/19	09/18/19
				TIME:	1400	1400	1400	1400
				INITIALS:	DS	DS	DS	DS
AIR COMPRESSOR PRESSURE	PSI	PI-302	AIR COMP. PRESSURE		—	—	—	—
CLARIFIER EFF TANK LEVEL	FEET	T-104	GRAVITY TANK POST CLAR.		27"	40"	27"	41"
CLARIFIER EFF PUMP A RUN	Y/N	P-104A	PUMP TO FILTRATION		N	N	N	N
VFD RATE	Hz	P-104A	PUMP RATE TO FILTRATION		—	—	—	—
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104A	PUMP PRESSURE TO FILT.		—	—	—	—
CLARIFIER EFF PUMP B RUN	Y/N	P-104B	PUMP TO FILTRATION		Y	Y	Y	Y
VFD RATE	Hz	P-104B	PUMP RATE TO FILTRATION		34.99	34.99	34.98	34.98
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104B	PUMP PRESSURE TO FILT.		31	31	39	35
GEOTUBE SYSTEM								
GEOTUBE CONTAINER 1 LEVEL	EST.	G-101	GEOTUBE DEWATERING BOX		85%	80%	80%	80
GEOTUBE CONTAINER 2 LEVEL	EST.	G-102	GEOTUBE DEWATERING BOX		10%	10%	10%	10
GEOTUBE DISPOSAL	Y/N	G-101/G-102	GEOTUBE DEWATERING BOX		N	N	N	N
GEOTUBE DISPOSAL QTY	TON	G-101/G-102	WEIGHT OF MATERIAL DISPOSED		—	—	—	—
POLYMER PUMP RUNNING	Y/N	P-205	POLY ADD TO SLUDGE		Y	Y	Y	Y
POLYMER DOSE	GPM	FE-205	POLY FLOW TO SLUDGE		0.595	0.484	0.448	0.448
POLYMER TANK LEVEL	% Full	T-205	POLYMER LEVEL IN TANK		9"	15"	14"	12"
FILTRATION SYSTEM								
SAND FILTER A IN-USE	Y/N	TA-105A	SAND FILTER		Y	Y	Y	Y
SAND FILTER A BACKWASH	Y/N	TA-105A	SAND FILTER		Y	Y	Y	Y
INLET PRESSURE	PSI	PI-105A/PI-703	INLET PRESSURE TO SAND		26	24	30	28
OUTLET PRESSURE	PSI	PDSH-105A	OUTLET PRESS. TO BAG FIL.		13	12	12	12
PRESSURE DIFFERENTIAL	PSI	PDSH-105A	PRESSURE DIFFERENTIAL		13	12	18	16
SAND FILTER B IN-USE	Y/N	TA-105B	SAND FILTER		Y	Y	Y	Y
SAND FILTER B BACKWASH	Y/N	TA-105B	SAND FILTER		Y	Y	Y	Y
INLET PRESSURE	PSI	PI-105B/PI-703	INLET PRESSURE TO SAND		26	25	30	28
OUTLET PRESSURE	PSI	PDSH-105B	OUTLET PRESS. TO BAG FIL.		13	13	12	12
PRESSURE DIFFERENTIAL	PSI	PDSH-105B	PRESSURE DIFFERENTIAL		13	12	18	16
BAG FILTER 701 IN-USE	Y/N	F-701A	10, 5 and 1 MICRON BAG FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-701A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-701A	PRESSURE DIFFERENTIAL					
BAG CHANGES	Y/N	F-701A	BAG FILTER					
BAG FILTER 702 IN-USE	Y/N	F-702A	10, 5 and 1 MICRON BAG FILTER		N	N	N	N
INLET PRESSURE	PSI	PI-702A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-702A	PRESSURE DIFFERENTIAL					
BAG CHANGE	Y/N	F-702A	BAG FILTER					

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	TIME:	INITIALS:
				09/13/2019	1400	DS
				09/16/19	1400	DS
				09/18/19	1400	DS
				09/19/2019	1400	DS
CARBON FILTER 1 IN-USE	Y/N	TA-106A	CARBON FILTER			Y
CARBON FILTER 1 BACKWASH	Y/N	TA-106A	CARBON FILTER			N
INLET PRESSURE	PSI	PI-106A	INLET PRESSURE FROM BF			14
OUTLET PRESSURE	PSI	PI-106B	OUTLET PRESS. TO EFF-TK			12
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL			2
CARBON FILTER 2 IN-USE	Y/N	TA-106B	CARBON FILTER			Y
CARBON FILTER 2 BACKWASH	Y/N	TA-106B	CARBON FILTER			N
INLET PRESSURE	PSI	PI-106B	INLET PRESSURE FROM BF			13
OUTLET PRESSURE	PSI		OUTLET PRESS. TO EFF-TK			13
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL			-
BACKWASH PUMP A RUN	Y/N	P-305A	BACKWASH PUMP TO FILT.			N
BACKWASH PRESSURE	PSI	PI-305A	BACKWASH PRESSURE			-
BACKWASH PUMP B RUN	Y/N	P-305B	BACKWASH PUMP TO FILT.			Y
BACKWASH PRESSURE	PSI	PI-305B	BACKWASH PRESSURE			93
EFFLUENT AND FINAL HOLDING TANK (T-107 AND T-401)						
EFFLUENT FLOW METER	GPM	FQIT-107	FLOW RATE FROM FILTERS			52.25
EFF. FLOW METER TOTAL	TOT.	FQIT-107	TOTAL FLOW			1,622,400
EFFLUENT TANK LEVEL	inwc	T-107	TANK LEVEL			72.26
pH METER	SU	AIT-107	EFF. pH			7.55
DISSOLVED OXYGEN (DOM-107)	DO	AIT-107A	EFF. DO READING			-
TURBIDITY (TBM-107)	NTU	AIT-107B	EFF. TURBIDITY			0.42
FINAL HOLDING TANK LEVEL	FEET	T-401	FH TK LEVEL			14"
IRRIG. PUMP RUNNING	Y/N	P-401	IRRIGATION SYSTEM			N
VFD RATE	Hz	P-401	IRRIGATION SYSTEM			-
GRAVITY OUTFALL IN-USE	Y/N	OF-101	OUTFALL TO POENTIC KILL			Y
BUILDING SYSTEM COMPONENTS						
EXHAUST FAN NW IN-USE	Y/N	EF-1	EXHAUST FANS			N
EXHAUST FAN NE IN-USE	Y/N	EF-2	EXHAUST FANS			N
BUILDING HEATERS IN-USE	Y/N	UH-1-8	HEATERS			Y
BUILDING TEMPERATURE	DEG. F		BLDG. TEMP			72°
OVERHEAD DOOR SW OPER.	Y/N		OVERHEAD DOOR			Y
OVERHEAD DOOR NE OPER.	Y/N		OVERHEAD DOOR			Y
OVERHEAD DOOR SE OPER.	Y/N		OVERHEAD DOOR			Y
BLDG CONT SYS OPERATIONAL	Y/N		REMOTE TELEMETRY SYS			Y
GENERAL COMMENTS						

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	09/19/19	09/20/2019	9/23/19	9/25/19
				TIME:	1400	1450	1200	1900
				INITIALS:	SS	SS	GD	SS
SEEP COLLECTION PUMP STATIONS (SEEP 1 - 4, SEEP 5 AND SEEP 6)								
SEEP 1 - 4 PUMP RUN	Y/N	P-100A	SEEP 1-4 P-STATION PUMP		Y	Y	Y	Yes
SEEP 5 PUMP RUN	Y/N	P-100B	SEEP 5 P-STATION PUMP		Y	Y	Y	Y
SEEP 6 PUMP RUN	Y/N	P-100C	SEEP 6 P-STATION PUMP		N	N	N	N
INFLUENT TANK (T-101)								
FLOW METER - 100A (FM-A)	GPM	FQIT-100A	S1-4 IN-FLOW		19.37	19.35	18.23	17.8
FLOW METER - 100B (FM-B)	GPM	FQIT-100B	S5 IN-FLOW		18.33	20.15	20.41	19.8
FLOW METER - 100C (FM-C)	GPM	FQIT-100C	S6 IN-FLOW					
FLOW METER - 101	GPM	FQIT-101	INF TK OUT-FLOW		23.750 13342.400	39.04	32.4	86.5
FLOW METER - 100A	TOTAL	FQIT-100A	S1-4 IN-FLOW		13,342,900	13,365,200	13,416,647	13,455,021
FLOW METER - 100B	TOTAL	FQIT-100B	S5 IN-FLOW		1,156,400	1,169,600	1,199,097	1,220,807
FLOW METER - 100C	TOTAL	FQIT-100C	S6 IN-FLOW		640,040	640,040	640,044	640,044
FLOW METER - 101	TOTAL	FQIT-101	INF TK OUT-FLOW		2,919,600	2,958,900	3,013,258	3,106,977
BLOWER RUNNING	Y/N	B-101	INF TK BLOWER		Y	Y	Y	Y
BLOWER PRESSURE	PSI	PI-101	INF TK BLOWER PRESS.		3	3	3	3
VFD RATE	Hz	B-101	INF TK BLOWER VFD		49.98	49.96	49.9	49.9
INF Ph	SU	AIT-101	pH FOR INF. WATER		7.0	7.76	7.56	7.52
pH Probe checked	Y/N	AIT-101	pH Probe at influent tank		Y	Y	Y	Yes
pH Probe clean (1X/week min)	Y/N	AIT-101	pH Probe at influent tank		N	Y	Y	Yes
INF TANK LEVEL	inwc	T-101	LEVEL TRANSMIT.		18.01	60.25	65.05	61.7
RECIRC PUMP RUNNING	Y/N	P-102	IN TK RECIRC PUMP		Y	Y	Y	Yes
VFD RATE	Hz	P-102	IN TK RECIRC VFD		24.97	49.96	28	28
CAUSTIC PUMP RUNNING	Y/N	P-201	IN TK CAUSTIC ADD		Y	Y	Y	Yes
CAUSTIC TANK LEVEL	L	T-201	IN TK CAUSTIC ADD			48gal/25 1/2"	41gal-31 1/2"	36gal-19"
CAUSTIC USAGE	GAL	T-201	CAUSTIC USAGE		50gal/26 1/4"	2 gal	7gal	5gal
CAUSTIC USAGE	TOT	T-201	CAUSTIC USAGE		1 gal			
CLARIFIER SYSTEM (T-103B)								
FLASH MIX TANK MIXER RUN.	Y/N	M-102	COAG MIXER		Y	Y	Y	Yes
COAGULANT PUMP RUNNING	Y/N	P-202	COAG PUMP		Y	Y	Y	Yes
COAGULANT LEVEL	% Full	T-202	COAG TANK		63gal/34"	62gal/33"	59gal-30"	57gal-29 1/2"
COAGULANT DOSE RATE	mg/l	FE-202	COAG FLOW TO TANK		16	16	16	16
FLOC TANK MIXER RUNNING	Y/N	M-103A	FLOC MIXER		Y	Y	Y	Yes
FLOCCULANT PUMP RUNNING	Y/N	P-203	FLOC PUMP		Y	Y	Y	Yes
FLOC LEVEL	% Full	T-203	FLOC TANK LEVEL		8.9gal/17"	8.8gal/17"	8.8gal-17"	8.7gal-16.5"
FLOCCULANT DOSE RATE	GPM	FE-203	DILUTED FLOC TO FLOC MIX TK		1.00	1.00	1.00	1.00
CLARIFIER RAKE MIXER RUN.	Y/N	M-103B	CLARIFIER MIXER		Y	Y	Y	Yes
CLARIFIER SLUDGE PUMP RUN.	Y/N	P-103	SLUDGE PUMP TO GEOTUBE		Y	Y	Y	Yes
AIR COMPRESSOR RUNNING	Y/N	C-302	SLUDGE PUMP POWER		Y	Y	Y	Yes

① SS 9/19/19, 23.75

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	09/19/19	09/20/2019	9/23/19	9/25/19
				TIME:	1400	1400	1200	1300
				INITIALS:	DS	DS	NS	DS
AIR COMPRESSOR PRESSURE	PSI	PI-302	AIR COMP. PRESSURE		—	—	—	—
CLARIFIER EFF TANK LEVEL	FEET	T-104	GRAVITY TANK POST CLAR.		28"	—	34"	44"
CLARIFIER EFF PUMP A RUN	Y/N	P-104A	PUMP TO FILTRATION		N	N	NO	NO
VFD RATE	Hz	P-104A	PUMP RATE TO FILTRATION		—	—	—	—
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104A	PUMP PRESSURE TO FILT.		—	—	—	—
CLARIFIER EFF PUMP B RUN	Y/N	P-104B	PUMP TO FILTRATION		Y	Y	Yes	Yes
VFD RATE	Hz	P-104B	PUMP RATE TO FILTRATION		34.98	34.99	34	34.8
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104B	PUMP PRESSURE TO FILT.		34	34	35	34
GEOTUBE SYSTEM								
GEOTUBE CONTAINER 1 LEVEL	EST.	G-101	GEOTUBE DEWATERING BOX		80	85	88	85
GEOTUBE CONTAINER 2 LEVEL	EST.	G-102	GEOTUBE DEWATERING BOX		10	10	10	15
GEOTUBE DISPOSAL	Y/N	G-101/G-102	GEOTUBE DEWATERING BOX		N	N	NO	NO
GEOTUBE DISPOSAL QTY	TON	G-101/G-102	WEIGHT OF MATERIAL DISPOSED		—	—	—	—
POLYMER PUMP RUNNING	Y/N	P-205	POLY ADD TO SLUDGE		Y	Y	Yes	Yes
POLYMER DOSE	GPM	FE-205	POLY FLOW TO SLUDGE		0.448	0.448	0.448	.448
POLYMER TANK LEVEL	% Full	T-205	POLYMER LEVEL IN TANK		8 10"	8"	10"	11"
FILTRATION SYSTEM								
SAND FILTER A IN-USE	Y/N	TA-105A	SAND FILTER		Y	Y	Yes	Yes
SAND FILTER A BACKWASH	Y/N	TA-105A	SAND FILTER		N	Y	Yes	Yes
INLET PRESSURE	PSI	PI-105A/PI-703	INLET PRESSURE TO SAND		27	28	26	25
OUTLET PRESSURE	PSI	PDSH-105A	OUTLET PRESS. TO BAG FIL.		103	12	10	8
PRESSURE DIFFERENTIAL	PSI	PDSH-105A	PRESSURE DIFFERENTIAL		174	16	16	17
SAND FILTER B IN-USE	Y/N	TA-105B	SAND FILTER		Y	Y	Yes	Yes
SAND FILTER B BACKWASH	Y/N	TA-105B	SAND FILTER		N	N	Yes	Yes
INLET PRESSURE	PSI	PI-105B/PI-703	INLET PRESSURE TO SAND		27	28	28	26
OUTLET PRESSURE	PSI	PDSH-105B	OUTLET PRESS. TO BAG FIL.		13	12	14	15
PRESSURE DIFFERENTIAL	PSI	PDSH-105B	PRESSURE DIFFERENTIAL		174	16	14	11
BAG FILTER 701 IN-USE	Y/N	F-701A	10, 5 and 1 MICRON BAG FILTER		N	N	NO	NO
INLET PRESSURE	PSI	PI-701A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-701A	PRESSURE DIFFERENTIAL					
BAG CHANGES	Y/N	F-701A	BAG FILTER					
BAG FILTER 702 IN-USE	Y/N	F-702A	10, 5 and 1 MICRON BAG FILTER		N	N	NO	NO
INLET PRESSURE	PSI	PI-702A	INLET PRESSURE IN BF					
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF					
PRESSURE DIFFERENTIAL	PSI	PDSH-702A	PRESSURE DIFFERENTIAL					
BAG CHANGE	Y/N	F-702A	BAG FILTER					

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	09/19/19	09/20/2019	9/23/19	9/25/19
				TIME:	1400	1400	1200	1300
				INITIALS:	JS	DS	ES	ES
CARBON FILTER 1 IN-USE	Y/N	TA-106A	CARBON FILTER		Y	Y	Yes	Yes
CARBON FILTER 1 BACKWASH	Y/N	TA-106A	CARBON FILTER		N	N	NO	NO
INLET PRESSURE	PSI	PI-106A	INLET PRESSURE FROM BF		13	12	11	10
OUTLET PRESSURE	PSI	PI-106B	OUTLET PRESS. TO EFF-TK		12	12	11	10
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		1	-	0	0
CARBON FILTER 2 IN-USE	Y/N	TA-106B	CARBON FILTER		Y	Y	Yes	Yes
CARBON FILTER 2 BACKWASH	Y/N	TA-106B	CARBON FILTER		N	N	NO	NO
INLET PRESSURE	PSI	PI-106B	INLET PRESSURE FROM BF		13	12	10	10
OUTLET PRESSURE	PSI		OUTLET PRESS. TO EFF-TK		12	12	10	10
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		1	7	0	0
BACKWASH PUMP A RUN	Y/N	P-305A	BACKWASH PUMP TO FILT.		N	N	NO	NO
BACKWASH PRESSURE	PSI	PI-305A	BACKWASH PRESSURE		-	-	-	-
BACKWASH PUMP B RUN	Y/N	P-305B	BACKWASH PUMP TO FILT.		N	Y	Yes	Yes
BACKWASH PRESSURE	PSI	PI-305B	BACKWASH PRESSURE		-	91	90 psi	90
EFFLUENT AND FINAL HOLDING TANK (T-107 AND T-401)								
EFFLUENT FLOW METER	GPM	FQIT-107	FLOW RATE FROM FILTERS		50.09	52.31	60.71	45.6
EFF. FLOW METER TOTAL	TOT.	FQIT-107	TOTAL FLOW		1,777,500	1,808,500	1,876,384	1,925,403
EFFLUENT TANK LEVEL	inwc	T-107	TANK LEVEL		105.39	83.79	97.66	80.47
pH METER	SU	AIT-107	EFF. pH		7.79	7.80	7.84	7.82
DISSOLVED OXYGEN (DOM-107)	DO	AIT-107A	EFF. DO READING		-	-	-	-
TURBIDITY (TBM-107)	NTU	AIT-107B	EFF. TURBIDITY		0.42	0.42	0.42	.42
FINAL HOLDING TANK LEVEL	FEET	T-401	FH TK LEVEL		34"	18"	24"	20"
IRRIG. PUMP RUNNING	Y/N	P-401	IRRIGATION SYSTEM		N	N	NO	NO
VFD RATE	H2	P-401	IRRIGATION SYSTEM		-	-	-	-
GRAVITY OUTFALL IN-USE	Y/N	OF-101	OUTFALL TO POENTIC KILL		Y	Y	Yes	Yes
BUILDING SYSTEM COMPONENTS								
EXHAUST FAN NW IN-USE	Y/N	EF-1	EXHAUST FANS		N	N	NO	NO
EXHAUST FAN NE IN-USE	Y/N	EF-2	EXHAUST FANS		N	N	NO	NO
BUILDING HEATERS IN-USE	Y/N	UH-1-8	HEATERS		Y	Y	Yes	Yes
BUILDING TEMPERATURE	DEG. F		BLDG. TEMP		75°	75	75°	75°
OVERHEAD DOOR SW OPER.	Y/N		OVERHEAD DOOR		Y	Y	Yes	Yes
OVERHEAD DOOR NE OPER.	Y/N		OVERHEAD DOOR		Y	Y	Yes	Yes
OVERHEAD DOOR SE OPER.	Y/N		OVERHEAD DOOR		Y	Y	Yes	Yes
BLDG CONT SYS OPERATIONAL	Y/N		REMOTE TELEMETRY SYS		Y	Y	Yes	Yes
GENERAL COMMENTS								

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	TIME:	INITIALS:
				9/26/19	9/27/19	9/30/19
				15:00	15:00	15:00
				DS	DS	DS
SEEP COLLECTION PUMP STATIONS (SEEP 1 - 4, SEEP 5 AND SEEP 6)						
SEEP 1 - 4 PUMP RUN	Y/N	P-100A	SEEP 1-4 P-STATION PUMP	Yes	Y	Y
SEEP 5 PUMP RUN	Y/N	P-100B	SEEP 5 P-STATION PUMP	Yes	Y	Y
SEEP 6 PUMP RUN	Y/N	P-100C	SEEP 6 P-STATION PUMP	NO	N	N
INFLUENT TANK (T-101)						
FLOW METER - 100A (FM-A)	GPM	FQIT-100A	S1-4 IN-FLOW	18.08	17.63	15.54
FLOW METER - 100B (FM-B)	GPM	FQIT-100B	S5 IN-FLOW	19.82	20.50	18.72
FLOW METER - 100C (FM-C)	GPM	FQIT-100C	S6 IN-FLOW	—	—	—
FLOW METER - 101	GPM	FQIT-101	INF TK OUT-FLOW	21.47	26.62	24.20
FLOW METER - 100A	TOTAL	FQIT-100A	S1-4 IN-FLOW	13,470,644	13,494,200	13,549,400
FLOW METER - 100B	TOTAL	FQIT-100B	S5 IN-FLOW	1,229,701	1,242,800	1,272,500
FLOW METER - 100C	TOTAL	FQIT-100C	S6 IN-FLOW	640,044	640,044	640,044
FLOW METER - 101	TOTAL	FQIT-101	INF TK OUT-FLOW	3,131,560	3,168,900	3,257,900
BLOWER RUNNING	Y/N	B-101	INF TK BLOWER	Yes	Y	Y
BLOWER PRESSURE	PSI	PI-101	INF TK BLOWER PRESS.	3 psi	3	3 psi
VFD RATE	Hz	B-101	INF TK BLOWER VFD	49.8	50.02	50.02
INF Ph	SU	AIT-101	pH FOR INF. WATER	7.45	7.68	7.56
pH Probe checked	Y/N	AIT-101	pH Probe at influent tank	Yes	Y	Y
pH Probe clean (1X/week min)	Y/N	AIT-101	pH Probe at influent tank	Yes	N	N
INF TANK LEVEL	inwc	T-101	LEVEL TRANSMIT.	31.50	48.95	25.62
RECIRC PUMP RUNNING	Y/N	P-102	IN TK RECIRC PUMP	Yes	Y	Y
VFD RATE	Hz	P-102	IN TK RECIRC VFD	28	28	25
CAUSTIC PUMP RUNNING	Y/N	P-201	IN TK CAUSTIC ADD	Yes	Y	Y
CAUSTIC TANK LEVEL	L	T-201	IN TK CAUSTIC ADD	30 gal	63 gal/53"	53 gal/25"
CAUSTIC USAGE	GAL	T-201	CAUSTIC USAGE	65 gal-34"	63 gal-23"	0
CAUSTIC USAGE	TOT	T-201	CAUSTIC USAGE	2 gal	2.0	8 gal
CLARIFIER SYSTEM (T-103B)						
FLASH MIX TANK MIXER RUN.	Y/N	M-102	COAG MIXER	Yes	Y	Y
COAGULANT PUMP RUNNING	Y/N	P-202	COAG PUMP	Yes	Y	Y
COAGULANT LEVEL	% Full	T-202	COAG TANK	56 gal-30"	55 gal/29"	53 gal/28"
COAGULANT DOSE RATE	mg/l	FE-202	COAG FLOW TO TANK	16.0	16.0	16.0
FLOC TANK MIXER RUNNING	Y/N	M-103A	FLOC MIXER	Yes	Y	Y
FLOCCULANT PUMP RUNNING	Y/N	P-203	FLOC PUMP	Yes	Y	Y
FLOC LEVEL	% Full	T-203	FLOC TANK LEVEL	8.8 gal-16.5"	8.7 gal/16.4"	8.5 gal/16.13"
FLOCCULANT DOSE RATE	GPM	FE-203	DILUTED FLOC TO FLOC MIX TK	1.6	1.0	1.0
CLARIFIER RAKE MIXER RUN.	Y/N	M-103B	CLARIFIER MIXER	Yes	Y	Y
CLARIFIER SLUDGE PUMP RUN.	Y/N	P-103	SLUDGE PUMP TO GEOTUBE	Yes	Y	Y
AIR COMPRESSOR RUNNING	Y/N	C-302	SLUDGE PUMP POWER	Yes	Y	Y

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	TIME:	INITIALS:
				9/26/19	9/27/19	9/30/2019
AIR COMPRESSOR PRESSURE	PSI	PI-302	AIR COMP. PRESSURE	70	500	1400
CLARIFIER EFF TANK LEVEL	FEET	T-104	GRAVITY TANK POST CLAR.	N/A	N/A	N/A
CLARIFIER EFF PUMP A RUN	Y/N	P-104A	PUMP TO FILTRATION	2 ft	3	3 ft
VFD RATE	Hz	P-104A	PUMP RATE TO FILTRATION	N	N	N
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104A	PUMP PRESSURE TO FILT.	-	-	-
CLARIFIER EFF PUMP B RUN	Y/N	P-104B	PUMP TO FILTRATION	-	-	-
VFD RATE	Hz	P-104B	PUMP RATE TO FILTRATION	Yes	Y	Y
CLARIFIER EFF. PUMP PRESSURE	PSI	PI-104B	PUMP PRESSURE TO FILT.	34	34.96	34.98
GEOTUBE SYSTEM				22psi	26	28
GEOTUBE CONTAINER 1 LEVEL	EST.	G-101	GEOTUBE DEWATERING BOX	8.5	85	8.5
GEOTUBE CONTAINER 2 LEVEL	EST.	G-102	GEOTUBE DEWATERING BOX	19	20	20
GEOTUBE DISPOSAL	Y/N	G-101/G-102	GEOTUBE DEWATERING BOX	N	N	N
GEOTUBE DISPOSAL QTY	TON	G-101/G-102	WEIGHT OF MATERIAL DISPOSED	-	-	-
POLYMER PUMP RUNNING	Y/N	P-205	POLY ADD TO SLUDGE	Yes	Y	Y
POLYMER DOSE	GPM	FE-205	POLY FLOW TO SLUDGE	0.448	0.503	0.503
POLYMER TANK LEVEL	% Full	T-205	POLYMER LEVEL IN TANK	10"	12"	11 1/2"
FILTRATION SYSTEM						
SAND FILTER A IN-USE	Y/N	TA-105A	SAND FILTER	Yes	Y	Y
SAND FILTER A BACKWASH	Y/N	TA-105A	SAND FILTER	Yes	Y	N
INLET PRESSURE	PSI	PI-105A/PI-703	INLET PRESSURE TO SAND	21	20	22
OUTLET PRESSURE	PSI	PDSH-105A	OUTLET PRESS. TO BAG FIL.	10	14	13
PRESSURE DIFFERENTIAL	PSI	PDSH-105A	PRESSURE DIFFERENTIAL	11	6	9
SAND FILTER B IN-USE	Y/N	TA-105B	SAND FILTER	Yes	Y	Y
SAND FILTER B BACKWASH	Y/N	TA-105B	SAND FILTER	Yes	N	N
INLET PRESSURE	PSI	PI-105B/PI-703	INLET PRESSURE TO SAND	20	20	22
OUTLET PRESSURE	PSI	PDSH-105B	OUTLET PRESS. TO BAG FIL.	11	14	14
PRESSURE DIFFERENTIAL	PSI	PDSH-105B	PRESSURE DIFFERENTIAL	9	6	8
BAG FILTER 701 IN-USE	Y/N	F-701A	10, 5 and 1 MICRON BAG FILTER	N	N	N
INLET PRESSURE	PSI	PI-701A	INLET PRESSURE IN BF	/	/	/
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF			
PRESSURE DIFFERENTIAL	PSI	PDSH-701A	PRESSURE DIFFERENTIAL			
BAG CHANGES	Y/N	F-701A	BAG FILTER	NO	N	N
BAG FILTER 702 IN-USE	Y/N	F-702A	10, 5 and 1 MICRON BAG FILTER			
INLET PRESSURE	PSI	PI-702A	INLET PRESSURE IN BF			
OUTLET PRESSURE	PSI	PI-704	OUTLET PRESSURE IN BF	/	/	/
PRESSURE DIFFERENTIAL	PSI	PDSH-702A	PRESSURE DIFFERENTIAL			
BAG CHANGE	Y/N	F-702A	BAG FILTER			

OPERATIONS LOG SHEET
ENHANCED SEEP COLLECTION SYSTEM
GENERAL ELECTRIC MAIN PLANT
SCHENECTADY, NEW YORK

PARAMETER	UNITS	EQUIPMENT TAG	DESCRIPTION	DATE:	9/26/19	9/27/19	9/30/19
				TIME:	1500	1500	1400
				INITIALS:	ED	JS	JS
CARBON FILTER 1 IN-USE	Y/N	TA-106A	CARBON FILTER		Yes	Y	Y
CARBON FILTER 1 BACKWASH	Y/N	TA-106A	CARBON FILTER		NO	N	N
INLET PRESSURE	PSI	PI-106A	INLET PRESSURE FROM BF		5	12	12
OUTLET PRESSURE	PSI	PI-106B	OUTLET PRESS. TO EFF-TK		10	12	12
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		5	0	0
CARBON FILTER 2 IN-USE	Y/N	TA-106B	CARBON FILTER		Yes	Y	Y
CARBON FILTER 2 BACKWASH	Y/N	TA-106B	CARBON FILTER		NO	N	N
INLET PRESSURE	PSI	PI-106B	INLET PRESSURE FROM BF		4	11	12
OUTLET PRESSURE	PSI		OUTLET PRESS. TO EFF-TK		11	11	12
PRESSURE DIFFERENTIAL	PSI		PRESSURE DIFFERENTIAL		7	0	0
BACKWASH PUMP A RUN	Y/N	P-305A	BACKWASH PUMP TO FILT.		NO	N	N
BACKWASH PRESSURE	PSI	PI-305A	BACKWASH PRESSURE		-	-	-
BACKWASH PUMP B RUN	Y/N	P-305B	BACKWASH PUMP TO FILT.		NO	Y	N
BACKWASH PRESSURE	PSI	PI-308A	BACKWASH PRESSURE		-	93	-
EFFLUENT AND FINAL HOLDING TANK (T-107 AND T-401)							
EFFLUENT FLOW METER	GPM	FQIT-107	FLOW RATE FROM FILTERS		42.3	54.63	53.73
EFF. FLOW METER TOTAL	TOT.	FQIT-107	TOTAL FLOW		1,945.95	1,975.100	2,044.400
EFFLUENT TANK LEVEL	inwc	T-107	TANK LEVEL		86.53	98.33	100.52
pH METER	SU	AIT-107	EFF. pH		7.81	7.87	7.86
DISSOLVED OXYGEN (DOM-107)	DO	AIT-107A	EFF. DO READING		-	-	-
TURBIDITY (TBM-107)	NTU	AIT-107B	EFF. TURBIDITY		.42	0.42	0.42
FINAL HOLDING TANK LEVEL	FEET	T-401	PH TK LEVEL		27"	21"	14"
IRRIG. PUMP RUNNING	Y/N	P-401	IRRIGATION SYSTEM		NO	N	N
VFD RATE	Hz	P-401	IRRIGATION SYSTEM		-	-	-
GRAVITY OUTFALL IN-USE	Y/N	OF-101	OUTFALL TO POENTIC KILL		Yes	Y	Y
BUILDING SYSTEM COMPONENTS							
EXHAUST FAN NW IN-USE	Y/N	EF-1	EXHAUST FANS		NO	Y	N
EXHAUST FAN NE IN-USE	Y/N	EF-2	EXHAUST FANS		NO	N	N
BUILDING HEATERS IN-USE	Y/N	UH-1-8	HEATERS		Yes	Y	Y
BUILDING TEMPERATURE	DEG. F		BLDG. TEMP		75°	75	75
OVERHEAD DOOR SW OPER.	Y/N		OVERHEAD DOOR		Yes	Y	Y
OVERHEAD DOOR NE OPER.	Y/N		OVERHEAD DOOR		Yes	Y	Y
OVERHEAD DOOR SE OPER.	Y/N		OVERHEAD DOOR		Yes	Y	Y
BLDG CONT SYS OPERATIONAL	Y/N		REMOTE TELEMETRY SYS		Yes	Y	Y
GENERAL COMMENTS							

Fluid Level Measurements

Third Quarter Fluid Level Monitoring and Recovery - September 2019
GE Main Plant
Schenectady, New York

IRM/Site Location	Date	Well Identification	Depth to Product (ft bmp)	Depth to Groundwater (ft bmp)	Product Thickness (ft)	Depth to Bottom (ft bmp)	Amount of LNAPL Removed (ounces)	Odor	Sheen	Comments
49/53	9/11/2019	MW-4	**	6.56	NP	9.93	<1 ounce	Yes	Yes	
	9/11/2019	MW-15A	**	6.30	NP	12.50	0	Yes	Yes	
	9/11/2019	MW-15B	7.55	7.83	0.28	NM	12	Yes	Yes	
273 West	9/11/2019	P-BK-7	**	9.53	NP	16.80	0	Yes	Yes	
	9/11/2019	P-BK-16	10.75	10.93	0.18	19.10	<1 ounce	Yes	Yes	
Former IMPS	9/11/2019	IMPS-1	**	9.93	NP	16.32	0	Yes	Yes	
	9/11/2019	IMPS-14	NP	10.65	NP	17.20	0	Yes	No	
	9/11/2019	IMPS-15	10.85	13.46	2.61	NM	155	Yes	Yes	
East Landfill	9/11/2019	PZ-04	9.10	9.15	0.05	NM	0	Yes	Yes	
	9/11/2019	P-10R	NP	9.92	NP	15.00	0	No	No	
	9/11/2019	P-41R	NP	5.29	NP	17.50	0	No	No	

Notes:

NM - Not measured.

NP - No product detected or measured by interface probe.

** - Interface probe did not indicate presence of measurable product, but smeared product visible either on probe, passive skimmer or as globules in the groundwater.

Passive skimmer installed in this well.

Analytical Data for Seep Collection & Treatment System

ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY 9/6

Pace Project No.: 70103961

Sample: EFFLUENT		Lab ID: 70103961001	Collected: 09/05/19 14:15	Received: 09/06/19 10:25	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 GCSV PCB LOW		Analytical Method: EPA 608.3 Preparation Method: EPA 608.3						
PCB-1016 (Aroclor 1016)	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	12674-11-2	
PCB-1221 (Aroclor 1221)	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	11104-28-2	
PCB-1232 (Aroclor 1232)	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	11141-16-5	
PCB-1242 (Aroclor 1242)	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	53469-21-9	
PCB-1248 (Aroclor 1248)	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	12672-29-6	
PCB-1254 (Aroclor 1254)	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	11097-69-1	
PCB-1260 (Aroclor 1260)	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	11096-82-5	
PCB, Total	<0.065	ug/L	0.065	1	09/06/19 19:54	09/09/19 13:49	1336-36-3	
Surrogates								
Tetrachloro-m-xylene (S)	46	%	10-149	1	09/06/19 19:54	09/09/19 13:49	877-09-8	
Decachlorobiphenyl (S)	57	%	10-149	1	09/06/19 19:54	09/09/19 13:49	2051-24-3	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	<200	ug/L	200	1	09/09/19 10:35	09/10/19 12:00	7429-90-5	
Iron	<100	ug/L	100	1	09/09/19 10:35	09/10/19 12:00	7439-89-6	
Lead	<5.0	ug/L	5.0	1	09/09/19 10:35	09/10/19 12:00	7439-92-1	
5210B BOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
BOD, 5 day	<2.0	mg/L	2.0	1	09/06/19 17:14	09/11/19 12:50		
5210B cBOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
Carbonaceous BOD, 5 day	<2.0	mg/L	2.0	1	09/06/19 17:13	09/11/19 12:47		
351.2 Total Kjeldahl Nitrogen		Analytical Method: EPA 351.2 Preparation Method: EPA 351.2						
Nitrogen, Kjeldahl, Total	2.0	mg/L	0.10	1	09/11/19 06:01	09/11/19 14:59	7727-37-9	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY 9/6

Pace Project No.: 70103961

Sample: EFFLUENT		Lab ID: 70103961002		Collected: 09/05/19 14:15		Received: 09/06/19 10:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1		09/08/19 15:28	71-43-2		
Chlorobenzene	<1.0	ug/L	1.0	1		09/08/19 15:28	108-90-7		
Ethylbenzene	<1.0	ug/L	1.0	1		09/08/19 15:28	100-41-4		
Toluene	<1.0	ug/L	1.0	1		09/08/19 15:28	108-88-3		
m&p-Xylene	<1.0	ug/L	1.0	1		09/08/19 15:28	179601-23-1		
o-Xylene	<1.0	ug/L	1.0	1		09/08/19 15:28	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	88	%	79-124	1		09/08/19 15:28	460-00-4		
Toluene-d8 (S)	97	%	69-127	1		09/08/19 15:28	2037-26-5		
1,2-Dichloroethane-d4 (S)	131	%	68-153	1		09/08/19 15:28	17060-07-0		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	642	mg/L	20.0	1		09/09/19 10:30			
2540D Total Suspended Solids		Analytical Method: SM22 2540D							
Total Suspended Solids	<2.0	mg/L	2.0	1		09/09/19 13:24			

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY 9/6

Pace Project No.: 70103961

Sample: TRIP BLANK		Lab ID: 70103961003		Collected: 09/05/19 00:00		Received: 09/06/19 10:25		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1		09/08/19 15:08	71-43-2		
Chlorobenzene	<1.0	ug/L	1.0	1		09/08/19 15:08	108-90-7		
Ethylbenzene	<1.0	ug/L	1.0	1		09/08/19 15:08	100-41-4		
Toluene	<1.0	ug/L	1.0	1		09/08/19 15:08	108-88-3		
m&p-Xylene	<1.0	ug/L	1.0	1		09/08/19 15:08	179601-23-1		
o-Xylene	<1.0	ug/L	1.0	1		09/08/19 15:08	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	88	%	79-124	1		09/08/19 15:08	460-00-4		
Toluene-d8 (S)	97	%	69-127	1		09/08/19 15:08	2037-26-5		
1,2-Dichloroethane-d4 (S)	127	%	68-153	1		09/08/19 15:08	17060-07-0		

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70104826

Sample: EFFLUENT		Lab ID: 70104826001	Collected: 09/12/19 14:15	Received: 09/13/19 10:45	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 GCSV PCB LOW		Analytical Method: EPA 608.3 Preparation Method: EPA 608.3						
PCB-1016 (Aroclor 1016)	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	12674-11-2	
PCB-1221 (Aroclor 1221)	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	11104-28-2	
PCB-1232 (Aroclor 1232)	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	11141-16-5	
PCB-1242 (Aroclor 1242)	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	53469-21-9	
PCB-1248 (Aroclor 1248)	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	12672-29-6	
PCB-1254 (Aroclor 1254)	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	11097-69-1	
PCB-1260 (Aroclor 1260)	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	11096-82-5	
PCB, Total	<0.065	ug/L	0.065	1	09/16/19 19:57	09/17/19 13:18	1336-36-3	
Surrogates								
Tetrachloro-m-xylene (S)	73	%	10-149	1	09/16/19 19:57	09/17/19 13:18	877-09-8	
Decachlorobiphenyl (S)	79	%	10-149	1	09/16/19 19:57	09/17/19 13:18	2051-24-3	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	<200	ug/L	200	1	09/18/19 10:51	09/18/19 23:28	7429-90-5	
Iron	<100	ug/L	100	1	09/18/19 10:51	09/18/19 23:28	7439-89-6	
Lead	<5.0	ug/L	5.0	1	09/18/19 10:51	09/18/19 23:28	7439-92-1	
5210B BOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
BOD, 5 day	<2.0	mg/L	2.0	1	09/13/19 17:14	09/18/19 12:28		
5210B cBOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
Carbonaceous BOD, 5 day	<2.0	mg/L	2.0	1	09/13/19 17:14	09/18/19 12:25		
351.2 Total Kjeldahl Nitrogen		Analytical Method: EPA 351.2 Preparation Method: EPA 351.2						
Nitrogen, Kjeldahl, Total	1.6	mg/L	0.10	1	09/20/19 06:13	09/20/19 12:42	7727-37-9	

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70104826

Sample: EFFLUENT		Lab ID: 70104826002		Collected: 09/12/19 14:15		Received: 09/13/19 10:45		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1		09/15/19 14:39	71-43-2		
Chlorobenzene	<1.0	ug/L	1.0	1		09/15/19 14:39	108-90-7		
Ethylbenzene	<1.0	ug/L	1.0	1		09/15/19 14:39	100-41-4		
Toluene	<1.0	ug/L	1.0	1		09/15/19 14:39	108-88-3		
m&p-Xylene	<1.0	ug/L	1.0	1		09/15/19 14:39	179601-23-1		
o-Xylene	<1.0	ug/L	1.0	1		09/15/19 14:39	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	88	%	79-124	1		09/15/19 14:39	460-00-4		
Toluene-d8 (S)	100	%	69-127	1		09/15/19 14:39	2037-26-5		
1,2-Dichloroethane-d4 (S)	97	%	68-153	1		09/15/19 14:39	17060-07-0		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	638	mg/L	20.0	1		09/18/19 10:26			
2540D Total Suspended Solids		Analytical Method: SM22 2540D							
Total Suspended Solids	<3.3	mg/L	3.3	1		09/17/19 13:36			

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70104826

Sample: TRIP BLANK		Lab ID: 70104826003		Collected: 09/12/19 14:15		Received: 09/13/19 10:45		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1			09/15/19 14:20	71-43-2	
Chlorobenzene	<1.0	ug/L	1.0	1			09/15/19 14:20	108-90-7	
Ethylbenzene	<1.0	ug/L	1.0	1			09/15/19 14:20	100-41-4	
Toluene	<1.0	ug/L	1.0	1			09/15/19 14:20	108-88-3	
m&p-Xylene	<1.0	ug/L	1.0	1			09/15/19 14:20	179601-23-1	
o-Xylene	<1.0	ug/L	1.0	1			09/15/19 14:20	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	79-124	1			09/15/19 14:20	460-00-4	
Toluene-d8 (S)	100	%	69-127	1			09/15/19 14:20	2037-26-5	
1,2-Dichloroethane-d4 (S)	97	%	68-153	1			09/15/19 14:20	17060-07-0	

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70105683

Sample: EFFLUENT		Lab ID: 70105683001	Collected: 09/19/19 14:00	Received: 09/20/19 10:30	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 GCSV PCB LOW		Analytical Method: EPA 608.3 Preparation Method: EPA 608.3						
PCB-1016 (Aroclor 1016)	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	12674-11-2	
PCB-1221 (Aroclor 1221)	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	11104-28-2	
PCB-1232 (Aroclor 1232)	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	11141-16-5	
PCB-1242 (Aroclor 1242)	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	53469-21-9	
PCB-1248 (Aroclor 1248)	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	12672-29-6	
PCB-1254 (Aroclor 1254)	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	11097-69-1	
PCB-1260 (Aroclor 1260)	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	11096-82-5	
PCB, Total	<0.065	ug/L	0.065	1	09/23/19 09:55	09/24/19 19:32	1336-36-3	
Surrogates								
Tetrachloro-m-xylene (S)	73	%	10-149	1	09/23/19 09:55	09/24/19 19:32	877-09-8	
Decachlorobiphenyl (S)	68	%	10-149	1	09/23/19 09:55	09/24/19 19:32	2051-24-3	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	<200	ug/L	200	1	09/24/19 09:35	09/26/19 22:01	7429-90-5	
Iron	<100	ug/L	100	1	09/24/19 09:35	09/26/19 22:01	7439-89-6	
Lead	<5.0	ug/L	5.0	1	09/24/19 09:35	09/26/19 22:01	7439-92-1	
5210B BOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
BOD, 5 day	<2.0	mg/L	2.0	1	09/20/19 15:58	09/25/19 11:43		
5210B cBOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
Carbonaceous BOD, 5 day	<2.0	mg/L	2.0	1	09/20/19 15:58	09/25/19 11:41		
351.2 Total Kjeldahl Nitrogen		Analytical Method: EPA 351.2 Preparation Method: EPA 351.2						
Nitrogen, Kjeldahl, Total	1.4	mg/L	0.10	1	09/26/19 06:06	09/26/19 13:20	7727-37-9	

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70105683

Sample: EFFLUENT		Lab ID: 70105683002		Collected: 09/19/19 07:00		Received: 09/20/19 10:30		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1		09/23/19 10:36	71-43-2		
Chlorobenzene	<1.0	ug/L	1.0	1		09/23/19 10:36	108-90-7		
Ethylbenzene	<1.0	ug/L	1.0	1		09/23/19 10:36	100-41-4		
Toluene	<1.0	ug/L	1.0	1		09/23/19 10:36	108-88-3		
m&p-Xylene	<1.0	ug/L	1.0	1		09/23/19 10:36	179601-23-1		
o-Xylene	<1.0	ug/L	1.0	1		09/23/19 10:36	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	87	%	79-124	1		09/23/19 10:36	460-00-4		
Toluene-d8 (S)	103	%	69-127	1		09/23/19 10:36	2037-26-5		
1,2-Dichloroethane-d4 (S)	89	%	68-153	1		09/23/19 10:36	17060-07-0		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	606	mg/L	20.0	1		09/25/19 11:00			
2540D Total Suspended Solids		Analytical Method: SM22 2540D							
Total Suspended Solids	<2.5	mg/L	2.5	1		09/23/19 15:38			

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70105683

Sample: TRIP BLANK		Lab ID: 70105683003		Collected: 09/19/19 14:00		Received: 09/20/19 10:30		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1			09/23/19 10:17	71-43-2	
Chlorobenzene	<1.0	ug/L	1.0	1			09/23/19 10:17	108-90-7	
Ethylbenzene	<1.0	ug/L	1.0	1			09/23/19 10:17	100-41-4	
Toluene	<1.0	ug/L	1.0	1			09/23/19 10:17	108-88-3	
m&p-Xylene	<1.0	ug/L	1.0	1			09/23/19 10:17	179601-23-1	
o-Xylene	<1.0	ug/L	1.0	1			09/23/19 10:17	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	88	%	79-124	1			09/23/19 10:17	460-00-4	
Toluene-d8 (S)	103	%	69-127	1			09/23/19 10:17	2037-26-5	
1,2-Dichloroethane-d4 (S)	89	%	68-153	1			09/23/19 10:17	17060-07-0	

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70106492

Sample: EFFLUENT		Lab ID: 70106492001	Collected: 09/26/19 14:30	Received: 09/27/19 10:20	Matrix: Water			
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
608.3 GCSV PCB LOW		Analytical Method: EPA 608.3 Preparation Method: EPA 608.3						
PCB-1016 (Aroclor 1016)	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	12674-11-2	
PCB-1221 (Aroclor 1221)	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	11104-28-2	
PCB-1232 (Aroclor 1232)	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	11141-16-5	
PCB-1242 (Aroclor 1242)	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	53469-21-9	
PCB-1248 (Aroclor 1248)	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	12672-29-6	
PCB-1254 (Aroclor 1254)	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	11097-69-1	
PCB-1260 (Aroclor 1260)	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	11096-82-5	
PCB, Total	<0.065	ug/L	0.065	1	09/30/19 20:51	10/01/19 13:29	1336-36-3	
Surrogates								
Tetrachloro-m-xylene (S)	52	%	10-149	1	09/30/19 20:51	10/01/19 13:29	877-09-8	
Decachlorobiphenyl (S)	78	%	10-149	1	09/30/19 20:51	10/01/19 13:29	2051-24-3	
200.7 Metals, Total		Analytical Method: EPA 200.7 Preparation Method: EPA 200.7						
Aluminum	<200	ug/L	200	1	09/30/19 11:50	10/03/19 02:30	7429-90-5	
Iron	<100	ug/L	100	1	09/30/19 11:50	10/03/19 02:30	7439-89-6	
Lead	<5.0	ug/L	5.0	1	09/30/19 11:50	10/03/19 02:30	7439-92-1	
5210B BOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
BOD, 5 day	<2.0	mg/L	2.0	1	09/27/19 12:25	10/02/19 11:02		
5210B cBOD, 5 day		Analytical Method: SM22 5210B Preparation Method: SM22 5210B						
Carbonaceous BOD, 5 day	<2.0	mg/L	2.0	1	09/27/19 12:25	10/02/19 11:00		
351.2 Total Kjeldahl Nitrogen		Analytical Method: EPA 351.2 Preparation Method: EPA 351.2						
Nitrogen, Kjeldahl, Total	1.0	mg/L	0.10	1	10/04/19 09:21	10/04/19 16:37	7727-37-9	D6,M1

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70106492

Sample: EFFLUENT		Lab ID: 70106492002		Collected: 09/26/19 12:00		Received: 09/27/19 10:20		Matrix: Water	
Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual	
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1		09/29/19 14:24	71-43-2		
Chlorobenzene	<1.0	ug/L	1.0	1		09/29/19 14:24	108-90-7		
Ethylbenzene	<1.0	ug/L	1.0	1		09/29/19 14:24	100-41-4		
Toluene	<1.0	ug/L	1.0	1		09/29/19 14:24	108-88-3		
m&p-Xylene	<1.0	ug/L	1.0	1		09/29/19 14:24	179601-23-1		
o-Xylene	<1.0	ug/L	1.0	1		09/29/19 14:24	95-47-6		
Surrogates									
4-Bromofluorobenzene (S)	92	%	79-124	1		09/29/19 14:24	460-00-4		
Toluene-d8 (S)	104	%	69-127	1		09/29/19 14:24	2037-26-5		
1,2-Dichloroethane-d4 (S)	129	%	68-153	1		09/29/19 14:24	17060-07-0		
2540C Total Dissolved Solids		Analytical Method: SM22 2540C							
Total Dissolved Solids	636	mg/L	20.0	1		09/30/19 10:54			
2540D Total Suspended Solids		Analytical Method: SM22 2540D							
Total Suspended Solids	<2.5	mg/L	2.5	1		10/01/19 13:35			

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ANALYTICAL RESULTS

Project: GE MAIN PLANT FACILITY WEEKLY

Pace Project No.: 70106492

Sample: TRIP BLANK		Lab ID: 70106492003		Collected: 09/26/19 00:00		Received: 09/27/19 10:20		Matrix: Water	
Parameters		Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
624.1 Volatile Organics		Analytical Method: EPA 624.1							
Benzene	<1.0	ug/L	1.0	1			09/29/19 12:29	71-43-2	
Chlorobenzene	<1.0	ug/L	1.0	1			09/29/19 12:29	108-90-7	
Ethylbenzene	<1.0	ug/L	1.0	1			09/29/19 12:29	100-41-4	
Toluene	<1.0	ug/L	1.0	1			09/29/19 12:29	108-88-3	
m&p-Xylene	<1.0	ug/L	1.0	1			09/29/19 12:29	179601-23-1	
o-Xylene	<1.0	ug/L	1.0	1			09/29/19 12:29	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	86	%	79-124	1			09/29/19 12:29	460-00-4	
Toluene-d8 (S)	98	%	69-127	1			09/29/19 12:29	2037-26-5	
1,2-Dichloroethane-d4 (S)	125	%	68-153	1			09/29/19 12:29	17060-07-0	

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Soil Cover Inspections

COVER SYSTEM INSPECTION CHECKLIST GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

CITY WATER MAIN – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)	
Evidence of erosion	None
Establishment and coverage of vegetation	100%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	No Diversions present
Overall integrity	System integrity is good.
ASPHALT COVER AREAS	
Uneven settlement relative to surrounding areas	None
Proper functioning of any associated water diversions	Fully functional
Overall Integrity	Good

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Description Grass portion of city water main. Photo facing west.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Description Paved portion of city water main. Photo facing east.			

COVER SYSTEM INSPECTION CHECKLIST
GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

ELECTRICAL HIGH YARD – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)	
Evidence of erosion	Minimal
Establishment and coverage of vegetation	97%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	Functioning as intended
Overall integrity	System integrity is good
ASPHALT COVER AREAS	
Uneven settlement relative to surrounding areas	none
Proper functioning of any associated water diversions	Functioning as intended
Overall Integrity	Good

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken of Electrical High yard vegetation while facing North.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo of Electrical High yard paved area taken while facing North-East.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo of electrical High Yard vegetation and pavement taken while facing South.			

COVER SYSTEM INSPECTION CHECKLIST GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 1 – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)	
Evidence of erosion	Minimal
Establishment and coverage of vegetation	95%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	No Diversions present
Overall integrity	The vegetation and soil exhibit acceptable integrity
ASPHALT COVER AREAS	
Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Description Photo of northern portion facing West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Description Photo of northern portion facing South-West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Description Photo of southern portion facing South.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Description Photo of southern portion facing North.			

COVER SYSTEM INSPECTION CHECKLIST
GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 2 AREA – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)	
Evidence of erosion	Minimal
Establishment and coverage of vegetation	100%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	Functional
Overall integrity	The vegetation and soil exhibit acceptable integrity
ASPHALT COVER AREAS	
Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken from South edge of gravel area while facing North.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo taken from West edge of phase 2 while facing East.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo taken from center of phase 2 while facing South.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Photo taken from center of phase 2 while facing North-East.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 5	Date 9-11-2019		
Photo taken from center of phase 2 while facing East.			

COVER SYSTEM INSPECTION CHECKLIST
GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 3 AREA– INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)	
Evidence of erosion	Minimal
Establishment and coverage of vegetation	95%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	Functional
Overall integrity	The system integrity is good.
ASPHALT COVER AREAS	
Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken from the North side of Phase 3 while facing South.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo taken from the North side of phase 3 while facing South-West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo taken from the North side of phase 3 while facing South-East			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Photo taken from the South side of phase 3 while facing North.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 5	Date 9-11-2019		
Photo taken from the South side of Phase 3 while facing North-West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 6	Date 9-11-2019		
Photo taken from the South side of phase 3 while facing West.			

COVER SYSTEM INSPECTION CHECKLIST GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 3 WEST AREA- INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)

Evidence of erosion	Minimal
Establishment and coverage of vegetation	95%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	No Diversions present
Overall integrity	The System integrity is good.

ASPHALT COVER AREAS

Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken from southern edge of phase 3 West while facing North-West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo taken from Northern side of phase 3 West while facing South-East.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo of phase 3 West taken from western ridge facing North.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Photo of phase 3 West taken from western ridge while facing South.			

COVER SYSTEM INSPECTION CHECKLIST
GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 4 AREA – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)	
Evidence of erosion	None
Establishment and coverage of vegetation	95%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	No Diversions present
Overall integrity	System Integrity is good.
ASPHALT COVER AREAS	
Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken from East side of phase 4 while facing west.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo taken from center of phase 4 while facing West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo taken from center of phase 4 while facing east.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Photo taken from West of phase 4 while facing North.			

COVER SYSTEM INSPECTION CHECKLIST GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 5 – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)

Evidence of erosion	Minimal
Establishment and coverage of vegetation	95%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	No Diversions present
Overall integrity	The vegetation and soil exhibit acceptable integrity

ASPHALT COVER AREAS

Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1- PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken from North of phase 5 while facing South.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo taken from North of phase 5 while facing South-East.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo Taken from center of phase 5 while facing South-West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Photo taken from south of phase 5 while facing North.			

COVER SYSTEM INSPECTION CHECKLIST

GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 5A – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)

Evidence of erosion	Minimal
Establishment and coverage of vegetation	95%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	Functioning as intended.
Overall integrity	System integrity is good.

ASPHALT COVER AREAS

Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken from center of phase 5A while facing East.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo taken from center of phase 5A while facing west.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo taken of uphill side of phase 5A while facing East.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Photo of phase 5A drainage swale taken while facing West.			

COVER SYSTEM INSPECTION CHECKLIST GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 5B – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)

Evidence of erosion	Minimal
Establishment and coverage of vegetation	95%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	No Diversions present
Overall integrity	The system integrity is good.

ASPHALT COVER AREAS

Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo taken from North of phase 5B while facing south.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo taken from East of phase 5B while facing West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo taken from South edge of phase 5B while facing North.			

COVER SYSTEM INSPECTION CHECKLIST
GENERAL ELECTRIC MAIN PLANT, SCHENECTADY, NEW YORK

PHASE 5C AREA – INSPECTION CHECKLIST

VEGETATIVE AREAS (SOIL COVER AND RESTORED)

Evidence of erosion	Minimal
Establishment and coverage of vegetation	90%
Growth of noxious weeds	No noticeable noxious weeds present
Uneven settlement relative to surrounding areas	Minimal
Proper functioning of any associated surface water diversions	No Diversions present
Overall integrity	System integrity is good.

ASPHALT COVER AREAS

Uneven settlement relative to surrounding areas	NA
Proper functioning of any associated water diversions	NA
Overall Integrity	NA

ATTACHMENT 1 – PHOTOGRAPHIC LOG

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 1	Date 9-11-2019		
Photo of phase 5C. Photo taken from North of area while facing South.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 2	Date 9-11-2019		
Photo of phase 5C Photo taken from North of area while facing South-West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 3	Date 9-11-2019		
Photo of phase 5C. Photo taken from center of area while facing South-West.			

Client name GE - CEP		Site location Schenectady, New York	Project no. 0612 71538
Photo no. 4	Date 9-11-2019		
Photo of phase 5C. Photo taken from East of area while facing North- West			