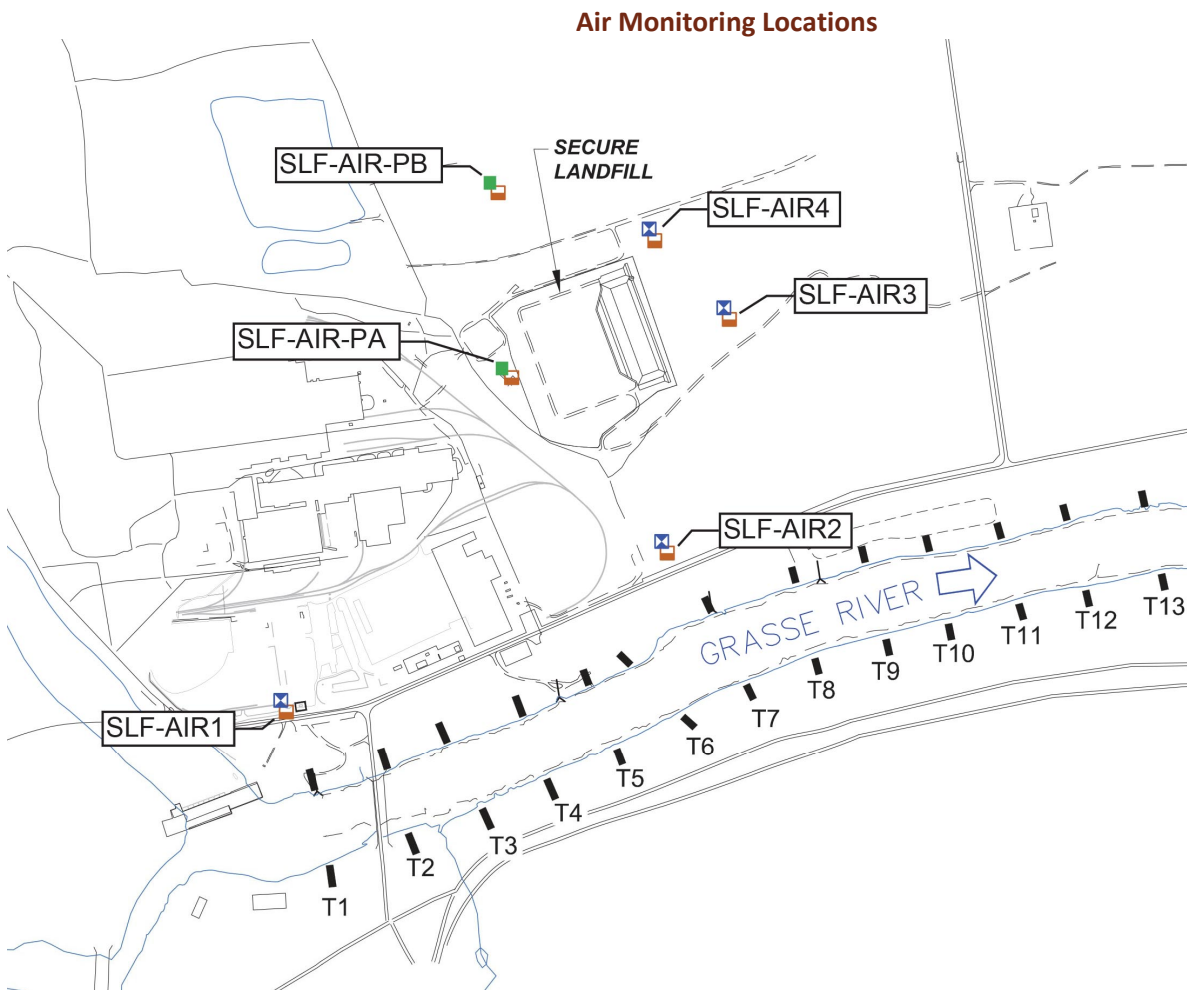


April 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

Date	Action Level Check	Monitoring Station ID (see figure)						Notes
		SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	
Apr 9	All Below	0.0337	0.041	0.052	0.0463	0.0349	0.0462	--
Apr 16	All Below	0.0104	0.0062	0.0081	0.0088	0.0034	0.0105	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Apr 17	All Below	0.0323	0.0325	0.021	0.0234	0.003	0.0049	--
Apr 18	All Below	0.0268	0.025	0.0209	0.0254	0.024	0.042	--
Apr 19	All Below	0.0299	0.0271	0.0336	0.0284	0.0305	0.0405	--
Apr 20	All Below	0.0263	0.0257	0.0289	0.0236	0.0298	0.0356	--
Apr 21	All Below	0.0351	0.0399	0.0399	0.0314	0.0288	0.0286	--
Apr 22	All Below	0.0226	0.0202	0.0271	0.0239	NA	NA	--
Apr 23	All Below	0.0225	0.0206	0.0257	0.0239	0.0321	0.0339	--
Apr 24	All Below	0.0315	0.0277	0.0341	0.0266	0.0265	0.0107	--
Apr 25	All Below	0.007	0.005	0.0076	0.0081	0.0052	0.0081	--
Apr 26	All Below	0.0116	0.0112	0.0137	0.0101	0.011	0.0121	--
Apr 27	All Below	0.0126	0.0132	0.0124	0.0101	0.0121	0.0101	--
Apr 28	All Below	0.005	0.0065	0.0228	0.0167	0.0217	0.0279	--
Apr 29	All Below	0.0143	0.0117	0.0133	0.0169	NA	NA	--
Apr 30	All Below	0.011	0.0107	0.015	0.0097	0.0231	0.0099	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Apr 9	All Below	0.3082	0.2021	0.4476	3.7941	0.4767	0.7215	--
Apr 16	All Below	0.0466	0.5199	0.2962	0	0.7784	0.0477	--
Apr 17	All Below	0.0647	0.3997	0.2359	11.866	0.9728	0.3098	SLF-AIR4 levels not related to field activities.
Apr 18	All Below	0.0733	0.1573	0.1188	10.862	1.0503	0	SLF-AIR4 levels not related to field activities.
Apr 19	All Below	0.0279	0.2359	0.0149	0.2937	0.1103	0.2384	--
Apr 20	All Below	0.1219	0.0322	0.1857	0.0773	0.2652	0.2473	--
Apr 21	All Below	0.0038	0.0111	0.0314	0.0617	0.2237	0.2099	--
Apr 22	All Below	0.0021	0.1024	0.0098	0.2492	NA	NA	--
Apr 23	All Below	0.0909	0.1254	0.0391	0.2531	1.0613	0.5486	--
Apr 24	All Below	0.0949	0.0092	0.0811	0.2083	0.6917	0.2209	--
Apr 25	All Below	0.0043	0.0007	0.0766	0.0457	0.0348	0.1989	--
Apr 26	All Below	0.0377	0.0819	0.0471	0.1811	0.068	0.1488	--
Apr 27	All Below	0.0479	0.0661	0.0853	0.091	0.0621	0.0557	--
Apr 28	All Below	0.0487	0.0034	0.1908	0.0053	0.0174	0.0581	--
Apr 29	All Below	0.1098	0.0011	0.3946	0.0855	NA	NA	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Apr 30	All Below	0.0268	0.0191	0.2096	0.1321	0.7704	0.3138	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Apr 16	All Below	0.000150	0.000170	0.000190	0.000120	Below detectable levels	Below detectable levels	--
Apr 17	All Below	0.000130	0.000220	0.000430	0.000420	NA	NA	--
Apr 18	All Below	0.000170	0.000180	0.000200	0.000110	Below Detectable Levels	Below Detectable Levels	--
Apr 19	All Below	0.000290	0.000680	0.001900	0.002900	Below Detectable Levels	Below Detectable Levels	--
Apr 20	All Below	0.000220	0.000120	0.000220	0.000190	Below Detectable Levels	Below Detectable Levels	--
Apr 21	All Below	0.000150	0.000240	0.000160	0.000150	Below Detectable Levels	Below Detectable Levels	--
Apr 22	All Below	0.000380	0.000730	0.000910	0.000390	NA	NA	--
Apr 23	All Below	0.000230	0.000260	0.000190	0.000180	Below Detectable Levels	Below Detectable Levels	--
Apr 24	All Below	0.000210	0.000450	0.002900	0.000510	Below Detectable Levels	Below Detectable Levels	--
Apr 25	All Below	0.000120	0.000360	0.000530	0.000095	--	--	--

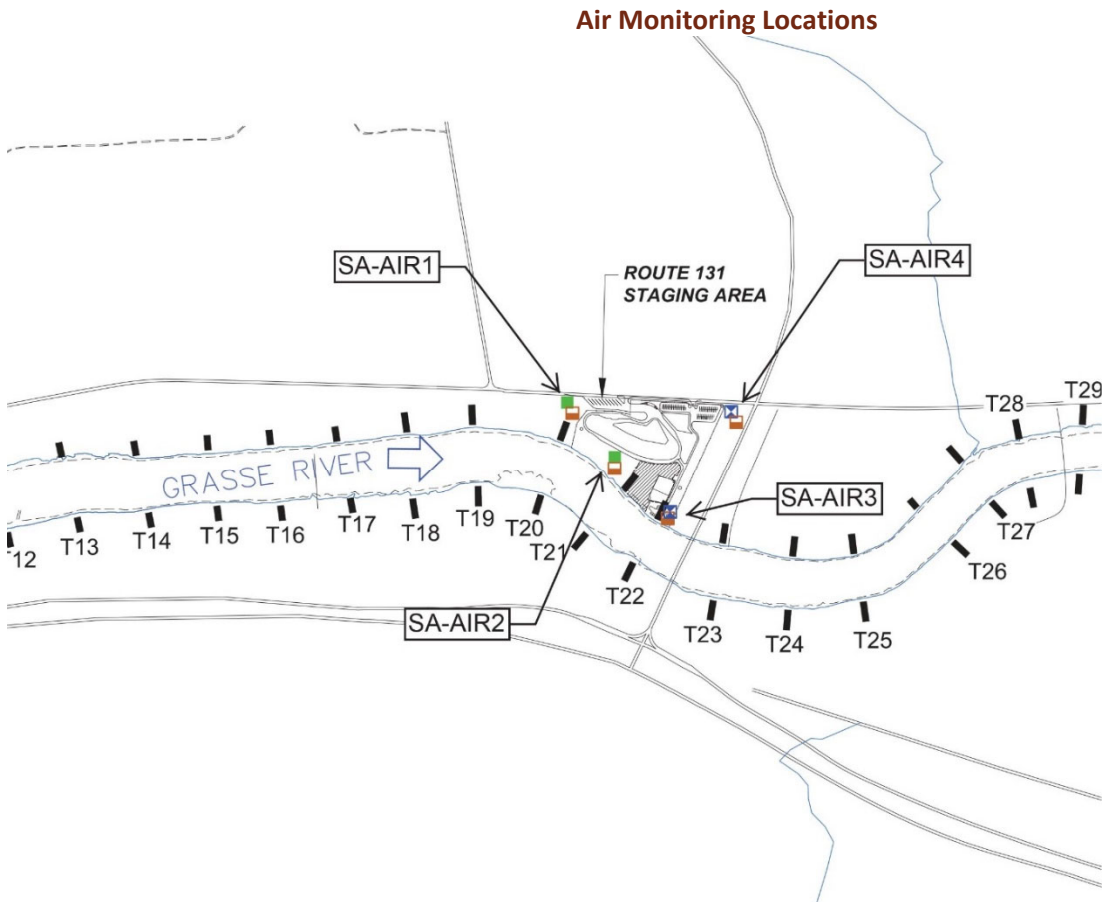
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Apr 26	All Below	0.000220	0.000300	0.001300	0.000220	Below Detectable Levels	Below Detectable Levels	--
Apr 27	All Below	0.000240	0.000210	0.002000	0.001600	Below Detectable Levels	Below Detectable Levels	--
Apr 28	All Below	0.000140	0.000210	0.001300	0.000059	--	--	--
Apr 29	All Below	0.000094	0.000510	0.000860	0.000120	--	--	--
Apr 30	All Below	0.000140	0.000230	0.000310	0.000210	Below Detectable Levels	Below Detectable Levels	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	
Apr 19	All Below	0.0317	0.02	0.0272	0.173	--
Apr 20	All Below	0.0285	0.1117	0.0269	0.0243	SA-AIR2 levels not related to field activities.

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Apr 21	All Below	0.0433	0.0271	0.0364	0.0263	--
Apr 22	All Below	0.025	0.014	0.0243	0.0205	--
Apr 23	All Below	0.0199	0.0059	0.0195	0.023	--
Apr 24	All Below	0.0311	0.0203	0.0259	0.0228	--
Apr 25	All Below	0.0084	0.0048	0.0155	0.0062	--
Apr 26	All Below	0.0136	0.0095	0.0107	0.0099	--
Apr 27	All Below	0.0328	0.0106	0.0106	0.0137	--
Apr 28	All Below	0.0077	0.0061	0.0235	0.0081	--
Apr 29	All Below	0.0107	0.007	0.011	0.0102	--
Apr 30	All Below	0.0111	0.0111	0.0111	0.0074	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Apr 19	All Below	0.6701	0.3576	0.4809	2.9492	--
Apr 20	All Below	0.1969	0.7867	0.1259	1.1917	--
Apr 21	All Below	0.0009	0.3683	0.0281	0.5399	--
Apr 22	All Below	0.028	0.022	0.1187	1.2122	--
Apr 23	All Below	0.0762	0.1357	0.2361	0.8463	--
Apr 24	All Below	0.1779	0.1004	0.0646	0.086	--
Apr 25	All Below	0.0528	0.2144	0.0172	0.1113	--
Apr 26	All Below	0.0394	0.0793	0.0443	0.0441	--
Apr 27	All Below	0.0421	0.023	0.0696	0.0101	--
Apr 28	All Below	0.2403	0.5231	0.4003	0.0609	--
Apr 29	All Below	0.2033	0.5183	0.3564	0.0757	--
Apr 30	All Below	0.0294	0.0257	0.0733	0.0715	--

NA = Data not collected or recorded
 Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Apr 19	All Below	Below Detectable Levels	Below Detectable Levels	0.000520	0.000055	--
Apr 20	All Below	Below Detectable Levels	Below Detectable Levels	0.000200	0.000250	--
Apr 21	All Below	Below Detectable Levels	Below Detectable Levels	0.000280	0.000210	--
Apr 22	All Below	Below Detectable Levels	Below Detectable Levels	0.000610	0.000260	--
Apr 23	All Below	Below Detectable Levels	Below Detectable Levels	0.000270	0.000230	--
Apr 24	All Below	Below Detectable Levels	Below Detectable Levels	0.000260	0.000220	--
Apr 25	All Below	Below Detectable Levels	Below Detectable Levels	0.000620	0.000170	--
Apr 26	All Below	Below Detectable Levels	Below Detectable Levels	0.002680	0.000230	--
Apr 27	All Below	Below Detectable Levels	Below Detectable Levels	0.000230	0.001850	--
Apr 28	All Below	Below Detectable Levels	Below Detectable Levels	0.006580	0.000750	--
Apr 29	All Below	Below Detectable Levels	Below Detectable Levels	0.000430	0.000061	--
Apr 30	All Below	Below Detectable Levels	Below Detectable Levels	0.002960	0.000090	--

NA = Data not collected or recorded

Total PCBs (micrograms per cubic meter)

2019 Air PCB Data - Mobile River Stations
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
Apr 19	All Below	Below Detectable Levels	Below Detectable Levels	--	--	--	--	--
Apr 20	All Below	Below Detectable Levels	Below Detectable Levels	--	--	--	--	--
Apr 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	--
Apr 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	--
Apr 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	--
Apr 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	--
Apr 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	--
Apr 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	--
Apr 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	--

NA = Data not collected or recorded
 Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 Soil Removal Areas Along the North Shore

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.

Air Monitoring Locations



2019 Air Particulate Data

(Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
Apr 23	All Below	0.0157	0.0122	0.027	--	0.0119	0.0225	0.0206	0.0321	0.0199	--
Apr 24	All Below	0.0305	0.0217	0.027	--	0.0323	0.0315	0.0277	0.0265	0.0311	--
Apr 25	All Below	0.0067	0.0036	0.0051	--	0.0054	0.007	0.005	0.0052	0.0084	--
Apr 26	All Below	0.0161	0.0075	0.0136	--	0.0118	0.0116	0.0112	0.011	0.0136	--
Apr 27	All Below	0.0127	0.0071	0.0097	--	0.0099	0.0126	0.0132	0.0121	0.0328	--
Apr 30	All Below	0.0072	0.0079	0.0175	--	0.0222	0.011	0.0107	0.0231	0.0111	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data

(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
Apr 23	All Below	3.6434	2.0565	0.4093	--	0.1262	0.0909	0.1254	1.0613	0.0762	--
Apr 24	All Below	0.847	1.4461	0.2089	--	0.0901	0.0949	0.0092	0.6917	0.1779	--
Apr 25	All Below	1.2923	0.0188	0.0295	--	0.0221	0.0043	0.0007	0.0348	0.0528	--
Apr 26	All Below	1.2438	0.8783	0.0118	--	0.0184	0.0377	0.0819	0.068	0.0394	--
Apr 27	All Below	0.121	0.3373	0.0739	--	0	0.0479	0.0661	0.0621	0.0421	--
Apr 30	All Below	1.749	1.8656	0.4259	--	0.1185	0.0268	0.0191	0.7704	0.0294	--

NA = Data not collected or recorded
Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data
(Corrective Action Level = 0.100 microgram per cubic meter)

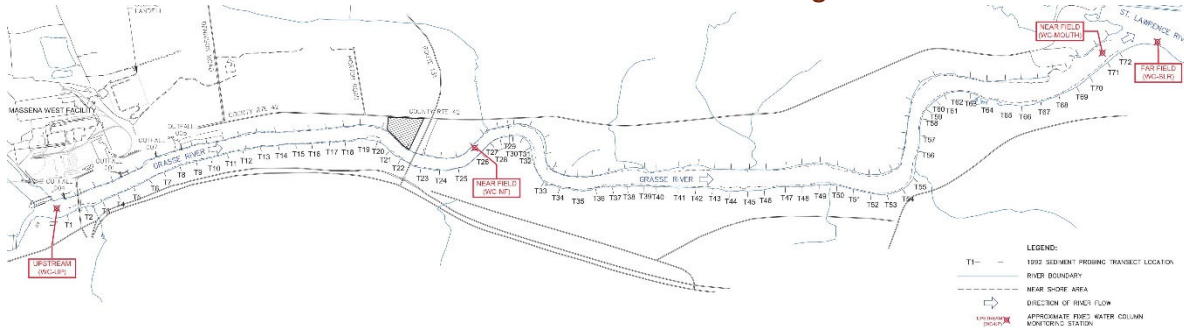
		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
Apr 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000230	0.000260	Below Detectable Levels	Below Detectable Levels	--
Apr 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000210	0.000450	Below Detectable Levels	Below Detectable Levels	--
Apr 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000120	0.000360	Below Detectable Levels	Below Detectable Levels	--
Apr 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000220	0.000300	Below Detectable Levels	Below Detectable Levels	--
Apr 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000240	0.000210	Below Detectable Levels	Below Detectable Levels	--
Apr 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000140	0.000230	Below Detectable Levels	Below Detectable Levels	--

NA = Data not collected or recorded
Total PCBs (micrograms per cubic meter)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.

Water Column Monitoring Locations



2019 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Apr 18	All Below	Below Detectable Levels	21.2	Below Detectable Levels	Below Detectable Levels	--
Apr 19	All Below	3.43	3.88	Below Detectable Levels	3.13	--
Apr 20	All Below	25.2	19.4	11.6	5.52	--
Apr 23	All Below	6.57	8.51	5.37	3.58	--
Apr 24	All Below	5.52	11.2	4.78	4.63	--
Apr 25	All Below	4.33	7.02	4.18	4.33	--
Apr 26	All Below	Below Detectable Levels	5.52	4.93	3.73	--
Apr 27	All Below	3.43	5.07	4.93	6.12	--
Apr 29	All Below	Below Detectable Levels	12.2	Below Detectable Levels	4.18	--

Total TSS (milligrams per liter)

2019 Water Column PCB Data (Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Apr 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 29	All Below	0.370000	Below Detectable Levels	Below Detectable Levels	--
Apr 30	All Below	Below Detectable Levels	0.430000	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data
(Corrective Action Level = 25 NTU above Baseline Level)

Date	Action Level Check	Monitoring Station ID (see figure)			Notes
		IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	
Apr 2	All Below	0.5	2.1	0.2	Baseline event
Apr 18	All Below	0.5	1.9	0.2	--
Apr 19	All Below	0.5	1.3	0.4	--
Apr 20	All Below	0.2	3.3	0.5	--
Apr 23	All Below	0.5	2.3	0.3	--
Apr 24	All Below	0.4	1.6	0.2	--
Apr 25	All Below	0.6	1.8	0.1	--
Apr 26	All Below	0.4	1.2	0.2	--
Apr 27	All Below	0.3	2.2	0.4	--
Apr 29	All Below	0.9	1.8	0.1	--
Apr 30	All Below	0.4	1.8	0.1	--

NA = Data not collected or recorded
Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

Date	Action Level Check	Monitoring Station ID (see figure)			Notes
		IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	
Apr 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

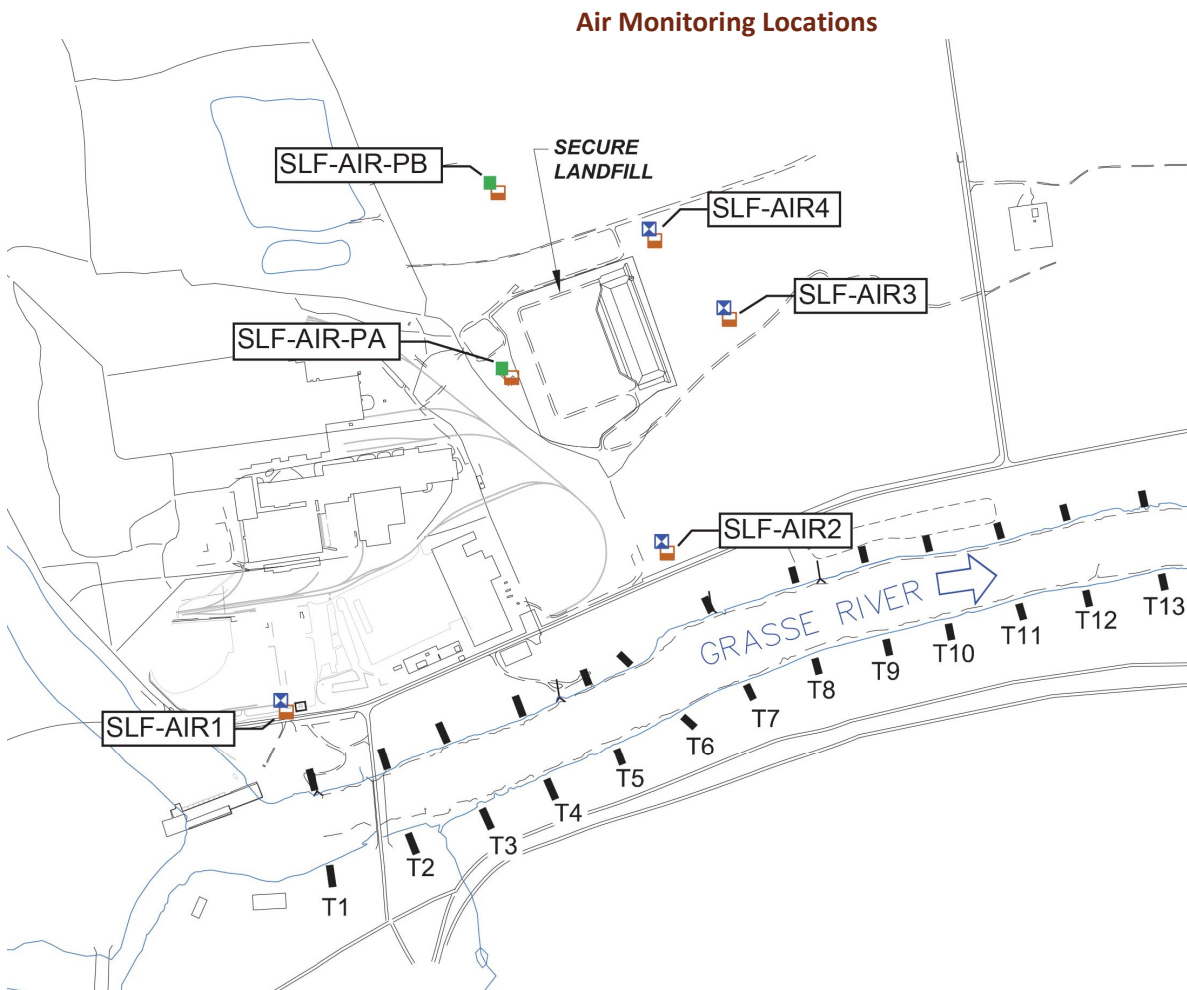
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Apr 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Apr 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

May 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 1	All Below	0.0137	0.051	0.0129	0.0105	0.0097	0.016	--
May 2	All Below	0.016	0.0179	0.0181	0.0192	0.0205	0.018	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 3	All Below	0.0357	0.0357	0.0445	0.0375	0.038	0.0462	--
May 4	All Below	0.052	0.0529	0.0549	0.0501	NA	0.0592	--
May 5	All Below	0.0285	0.0303	0.0481	0.042	0.0834	0.0289	--
May 6	All Below	0.0247	0.027	0.0273	0.0209	0.0217	0.0219	--
May 7	All Below	0.0185	0.0168	0.0269	0.0221	0.014	0.0245	--
May 8	All Below	0.0111	0.008	0.0141	0.0127	0.0075	0.0107	--
May 9	All Below	0.011	0.0081	0.014	0.0057	0.0125	0.0113	SLF-AIR-PB levels not related to field activities.
May 10	All Below	0.0267	0.0191	0.0234	0.0191	0.0213	0.0234	--
May 11	All Below	0.0131	0.0111	0.0151	0.0095	0.0077	0.0131	--
May 12	All Below	0.0169	0.0183	0.0181	0.0157	0.021	0.0161	--
May 13	All Below	0.0163	0.0167	0.0152	0.0163	0.0139	0.0157	--
May 14	All Below	0.0155	0.0081	0.0173	0.0165	0.017	0.0243	--
May 15	All Below	0.0248	0.0229	0.026	0.0283	0.0219	0	--
May 16	All Below	0.0225	0.0245	0.0246	0.0283	0.0191	0.0186	--
May 17	All Below	0.0133	0.0066	0.0116	0.0085	0.0049	0.0088	--
May 18	All Below	0.0209	0.0171	0.0251	0.0222	0.0127	0.0227	--
May 19	All Below	0.0155	0.0183	0.0259	0.0232	0.0176	0.0223	--
May 20	All Below	0.0255	0.03	0.0348	0.0351	NA	NA	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 21	All Below	0.024	0.0235	0.024	0.0231	0.011	0.019	--
May 22	All Below	0.0143	0.0132	0.0174	0.0135	0.0143	0.0154	--
May 23	All Below	0.0114	0.0077	0.0162	0.011	0.0061	0.0096	--
May 24	All Below	0.0266	0.0221	0.0165	0.0265	0.0225	0.0297	--
May 25	All Below	0.03	0.0369	0.0363	0.0301	0.038	0.0659	--
May 26	All Below	0.0256	0.0199	0.0271	0.0257	0.0232	0.0295	--
May 27	All Below	0.0253	33.033	0.0289	0.0262	NA	NA	SLF-AIR2 levels not related to field activities.
May 28	All Below	0.0181	0.0109	0.0167	0.0163	NA	NA	--
May 29	All Below	0.0169	0.0135	0.0151	0.0141	0.0087	0.0151	--
May 30	All Below	0.0207	0.8327	0.022	0.0215	0.011	0.0212	SLF-AIR2 levels not related to field activities.
May 31	All Below	0.031	0.8328	0.0369	0.0337	0.0175	0.0344	SLF-AIR2 levels not related to field activities.

NA = Data not collected

Particulates (milligrams per cubic meter)

**2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)**

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 1	All Below	0.033	0.0318	0.0161	0.1585	0.1401	0.0716	--
May 2	All Below	0.1744	0.0797	0.1379	0.028	0.0223	0.0222	--
May 3	All Below	0.0088	0.0457	0.0671	0.0934	0.0084	0.1996	--
May 4	All Below	0.0182	0.0489	0.0009	0.0657	NA	0.0795	--
May 5	All Below	0.2326	0.1595	0.2165	0.1811	0.217	0.145	--
May 6	All Below	0.0026	0.0971	0.0182	0.2082	0.0745	0.1559	--
May 7	All Below	0.0002	0.3203	0.0005	0.2421	0.3498	0.1165	--
May 8	All Below	0.3533	0.1513	0.3345	0.1901	0.2507	0.1131	--
May 9	All Below	0.0296	0.0099	0.0369	0.1592	0.0243	0.0018	--
May 10	All Below	0.0295	0.0191	0.0059	0.1262	0.0283	0.0115	--
May 11	All Below	0.2254	0.0167	0.3477	0.1812	0.1604	0.123	--
May 12	All Below	0.0589	0.0252	0.0468	0.0883	0.1352	2.8598	--
May 13	All Below	0.0545	0.0185	0.0455	0.1072	0.3449	2.8964	--
May 14	All Below	0.1492	0.0103	0.0676	0.0729	0.7233	0.8793	--
May 15	All Below	0.0728	0.0422	0.2505	0.0644	0.1482	0.9395	--
May 16	All Below	0.0862	0.0324	0.0503	0.0955	0	0.8794	--
May 17	All Below	0.0586	0.0681	0.0405	0.1159	0.0205	0.3106	--
May 18	All Below	0.4005	0.1277	0.1689	0.1167	0.1709	0.8905	--
May 19	All Below	0.2743	0.1012	0.1379	0.1579	0.0019	0.4439	--
May 20	All Below	1.7879	0.1215	0.0052	0.1588	0.NA	0.NA	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 21	All Below	0.7579	0.2523	0.3366	0.138	0.6069	2.5601	--
May 22	All Below	6.4829	0.0571	0.0897	0.0697	0.1906	1.5167	SLF-AIR1 levels not related to field activities.
May 23	All Below	5.47	0.1263	0.0098	0.1811	0.1123	0.2323	SLF-AIR1 levels not related to field activities.
May 24	All Below	8.5934	0.1222	0.0018	0.1849	0.0583	0.6983	SLF-AIR1 levels not related to field activities.
May 25	All Below	3.4517	0.0909	0.1111	0.0821	0.2413	1.4999	--
May 26	All Below	9.0945	0.1308	0.0901	0.0894	0.2261	1.2658	SLF-AIR1 levels not related to field activities.
May 27	All Below	0.4175	0.3087	0.2571	0.1653	NA	NA	--
May 28	All Below	0.8511	0.0905	0.004	0.1106	NA	NA	--
May 29	All Below	2.2149	0.0061	0.0071	0.0705	0.0008	0.0699	--
May 30	All Below	5.0861	0.1199	0.0292	0.1483	0.2995	0.597	SLF-AIR1 levels not related to field activities.

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 31	All Below	6.4773	0.1963	0.0611	0.1369	0.1957	0.2639	SLF-AIR1 levels not related to field activities.

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 1	All Below	0.000750	0.001300	0.000210	0.000150	Below Detectable Levels	Below Detectable Levels	--
May 2	All Below	0.000110	Below Detectable Levels	0.000100	0.000067	Below Detectable Levels	Below Detectable Levels	--
May 3	All Below	0.000580	0.000330	0.000880	0.000430	Below Detectable Levels	Below Detectable Levels	--
May 4	All Below	0.000120	0.001000	0.000200	0.000280	Below Detectable Levels	Below Detectable Levels	--
May 5	All Below	0.000220	0.000300	0.004000	0.016600	Below Detectable Levels	Below Detectable Levels	--
May 6	All Below	0.002400	0.004400	0.000730	0.000290	Below Detectable Levels	Below Detectable Levels	--
May 7	All Below	0.000310	0.001500	0.007200	0.000980	Below Detectable Levels	--	--
May 8	All Below	0.000510	0.003600	0.000650	0.000160	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 9	All Below	0.000190	0.002310	0.000230	0.000210	Below Detectable Levels	Below Detectable Levels	--
May 10	All Below	0.001290	0.002360	0.000410	0.005400	Below Detectable Levels	Below Detectable Levels	--
May 11	All Below	0.000360	0.000540	0.009900	0.002700	Below Detectable Levels	--	--
May 12	All Below	0.001650	0.002580	0.000300	0.000280	Below Detectable Levels	Below Detectable Levels	--
May 13	All Below	0.000580	0.001040	0.000640	0.002950	--	--	--
May 14	All Below	0.000520	0.000240	0.000670	0.000085	Below Detectable Levels	Below Detectable Levels	--
May 15	All Below	0.002030	0.001430	0.000150	0.001460	Below Detectable Levels	Below Detectable Levels	--
May 16	All Below	0.001400	0.002220	0.008200	0.001600	Below Detectable Levels	Below Detectable Levels	--
May 17	All Below	0.000360	0.001810	0.006000	0.000350	Below Detectable Levels	Below Detectable Levels	--
May 18	All Below	0.000380	0.000510	0.000370	0.000290	Below Detectable Levels	Below Detectable Levels	--
May 19	All Below	0.000310	0.002000	0.000360	0.000270	Below Detectable Levels	Below Detectable Levels	--
May 20	All Below	0.000710	0.000770	0.006900	0.000830	--	--	--
May 21	All Below	0.000300	0.001600	0.014600	0.000680	Below Detectable Levels	Below Detectable Levels	--
May 22	All Below	0.000580	0.003530	0.000160	0.000230	Below Detectable Levels	Below Detectable Levels	--

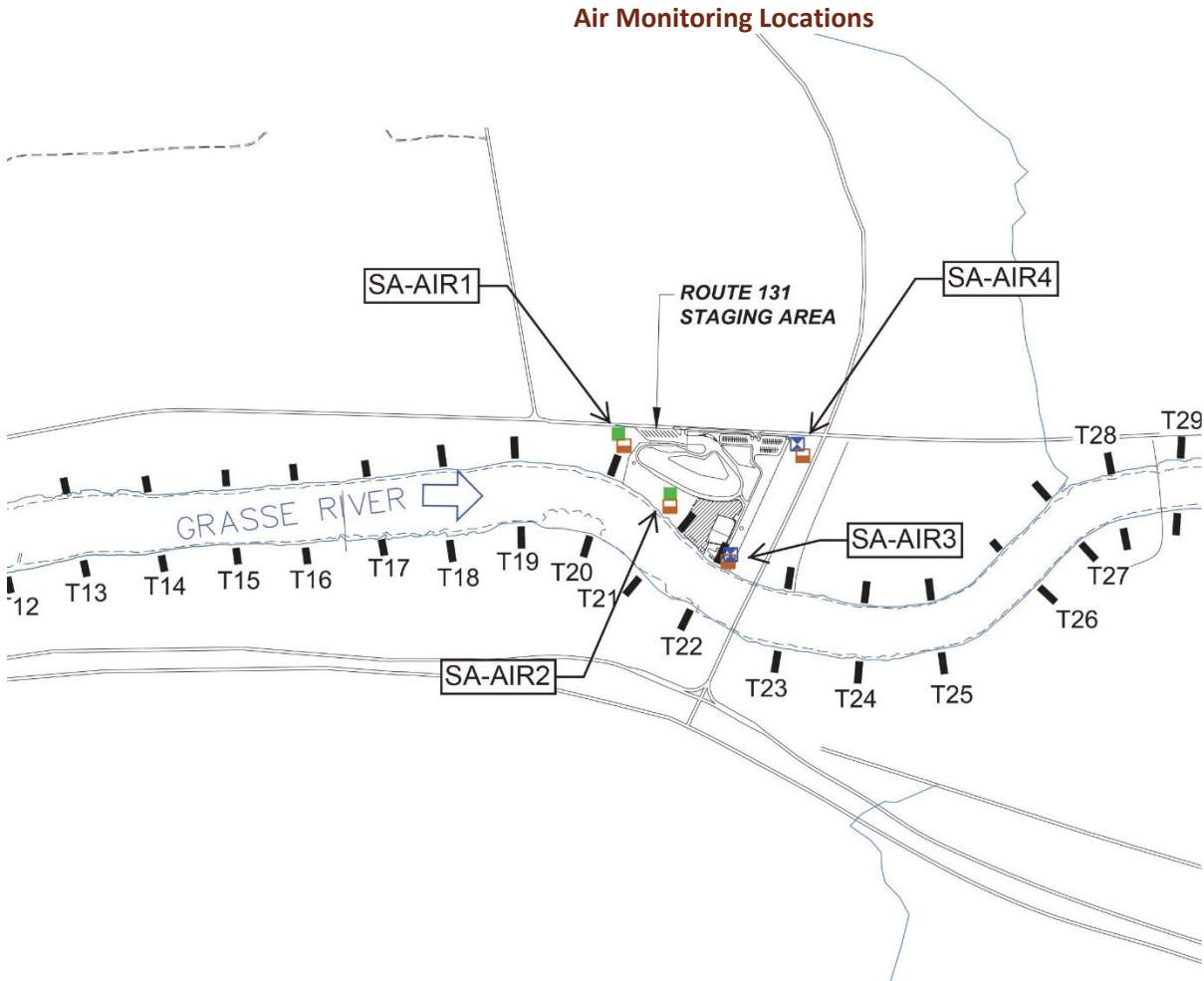
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 23	All Below	0.000690	0.001320	0.000320	0.001670	Below Detectable Levels	Below Detectable Levels	--
May 24	All Below	0.000580	0.000660	0.000684	0.001200	Below Detectable Levels	Below Detectable Levels	--
May 25	All Below	0.000340	0.002520	0.000530	0.005030	Below Detectable Levels	Below Detectable Levels	--
May 26	All Below	0.000630	0.000840	0.007700	0.007500	Below Detectable Levels	Below Detectable Levels	--
May 27	All Below	0.000750	0.001750	0.001400	0.000750	--	--	--
May 28	All Below	0.000430	0.001140	0.000410	0.000500	--	--	--
May 29	All Below	0.000460	0.000230	0.000170	0.000250	Below Detectable Levels	--	--
May 30	All Below	0.000330	0.000550	0.008400	0.004440	Below Detectable Levels	--	--
May 31	All Below	0.000310	0.001100	0.015300	0.000610	Below Detectable Levels	--	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	
May 1	All Below	0.0134	0.0082	0.0144	0.0085	--
May 2	All Below	0.0195	0.0128	0.0163	0.0168	--
May 3	All Below	0.0445	0.0273	0.0318	0.0316	--
May 4	All Below	0.0574	0.0363	0.0455	0.0426	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 5	All Below	0.026	0.1185	0.0233	0.0243	SA-AIR2 levels not related to field activities.
May 6	All Below	0.0372	0.022	0.0222	0.1849	SA-AIR4 levels not related to field activities.
May 7	All Below	0.0189	0.0111	0.0225	0.0089	--
May 8	All Below	0.0111	0.0063	0.0271	0.0115	--
May 9	All Below	0.0113	0.008	0.0113	0.0253	--
May 10	All Below	0.0142	0.0148	0.0161	0.0105	--
May 11	All Below	0.0119	0.0058	0.0083	0.007	--
May 12	All Below	0.019	0.0132	0.0169	0.0166	--
May 13	All Below	0.0165	0.0121	0.0143	0.0127	--
May 14	All Below	0.0235	0.0121	0.006	0.006	--
May 15	All Below	0.0196	0.0217	0.0169	0.0162	--
May 16	All Below	0.0189	0.0213	0.0198	0.0135	--
May 17	All Below	0.0091	0.0087	0.0097	0.0065	--
May 18	All Below	0.0213	0.0165	0.1145	0.0127	--
May 19	All Below	0.0376	0.0281	0.0322	0.0349	--
May 20	All Below	0.0485	0.0383	0.0276	0.0289	--
May 21	All Below	0.0455	0.0371	0.0299	0.0324	--
May 22	All Below	0.0167	0.0095	0.0543	0.0105	--
May 23	All Below	0.0161	0.0151	0.0091	0.0069	--
May 24	All Below	0.0257	0.0281	0.0213	0.0196	--
May 25	All Below	0.0122	0.012	0.0144	0.0122	--
May 26	All Below	0.0264	0.0213	0.0231	0.0185	--
May 27	All Below	325.05	0.0214	0.0231	0.0203	SA-AIR2 levels not related to field activities.
May 28	All Below	0.0127	0.0119	0.0117	0.0123	--
May 29	All Below	0.0142	0.0127	0.0104	0.0101	--
May 30	All Below	0.0375	0.0163	0.0169	0.1412	SA-AIR4 levels not

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
						related to field activities.
May 31	All Below	0.0311	0.0275	0.0237	0.0226	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

**2019 Air Volatile Organic Compound Data
 (Corrective Action Level = 25 ppm above upwind location)**

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 1	All Below	0.0381	0.0505	0.1045	0.0115	--
May 2	All Below	0.2163	0.2866	0.4105	0.1875	--
May 3	All Below	0.0015	0.0177	0.0039	0.0517	--
May 4	All Below	0.0011	0.0342	0	0.0138	--
May 5	All Below	0.2375	0.2594	0.4633	0.1226	--
May 6	All Below	0.1453	0.2008	0.4029	0.1005	--
May 7	All Below	0.0035	0.0187	0.1951	0.0014	--
May 8	All Below	0.3889	0.5585	0.6563	0.2357	--
May 9	All Below	0.0462	0.0251	0.0528	0.0363	--
May 10	All Below	0.0489	0.0469	0.0162	0.0374	--
May 11	All Below	0.3825	0.6303	0.7267	0.2893	--
May 12	All Below	0.0896	0.0602	0.21875	0.133	--
May 13	All Below	0.0943	0.0239	0.2105	0.1396	--
May 14	All Below	0.1379	0.2773	0.4726	0.1261	--
May 15	All Below	0.0858	0.1577	0.3333	0.0681	--
May 16	All Below	0.0342	0.0917	0.3459	0.0257	--
May 17	All Below	0.0363	0.4647	0.792	0.0871	--
May 18	All Below	0.2468	2.3996	1.3269	0.358	--
May 19	All Below	0	1.9241	1.2289	0.0279	--
May 20	All Below	0.0196	2.8611	0.9063	0.2384	--
May 21	All Below	0.529	4.5655	1.1985	0.4507	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 22	All Below	0.1174	7.4318	3.2097	0.6011	SA-AIR2 levels not related to field activities.
May 23	All Below	0	0.0005	5.1858	0.1914	SA-AIR3 levels not related to field activities.
May 24	All Below	0.0019	0.0408	2.5112	0.5335	--
May 25	All Below	0.2331	0.1759	5.8302	0.8867	SA-AIR3 levels not related to field activity.
May 26	All Below	0	0.0037	0	2.4469	--
May 27	All Below	0.3751	0.2122	0.1159	2.3861	--
May 28	All Below	0.3337	0.1649	0.1136	0.0163	--
May 29	All Below	0.0005	0.0105	0.0022	0.0415	--
May 30	All Below	0.0051	0.0141	0.0047	1.4949	--
May 31	All Below	0.0667	0.0681	0.0106	2.2717	--

NA = Data not collected or recorded
Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 1	All Below	Below Detectable Levels	Below Detectable Levels	0.006100	0.000220	--
May 2	All Below	Below Detectable Levels	Below Detectable Levels	0.000120	0.000058	--
May 3	All Below	Below Detectable Levels	Below Detectable Levels	0.002390	0.000120	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 4	All Below	Below Detectable Levels	Below Detectable Levels	0.005240	0.000460	--
May 5	All Below	Below Detectable Levels	Below Detectable Levels	0.007010	0.003760	--
May 6	All Below	Below Detectable Levels	Below Detectable Levels	0.004680	0.000990	--
May 7	All Below	Below Detectable Levels	Below Detectable Levels	0.008900	0.005270	--
May 8	All Below	Below Detectable Levels	Below Detectable Levels	0.018600	0.000280	--
May 9	All Below	Below Detectable Levels	Below Detectable Levels	0.007400	0.000280	--
May 10	All Below	Below Detectable Levels	Below Detectable Levels	0.001890	0.003080	--
May 11	All Below	Below Detectable Levels	Below Detectable Levels	0.016200	0.009400	--
May 12	All Below	Below Detectable Levels	Below Detectable Levels	0.025400	0.000570	--
May 13	All Below	Below Detectable Levels	Below Detectable Levels	0.002760	0.000400	--
May 14	All Below	Below Detectable Levels	Below Detectable Levels	0.002080	0.003070	--
May 15	All Below	Below Detectable Levels	Below Detectable Levels	0.004450	0.000220	--
May 16	All Below	Below Detectable Levels	Below Detectable Levels	0.014700	0.002000	--
May 17	All Below	Below Detectable Levels	Below Detectable Levels	0.012800	0.000570	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 18	All Below	Below Detectable Levels	Below Detectable Levels	0.017100	0.000360	--
May 19	All Below	Below Detectable Levels	Below Detectable Levels	0.016500	0.000280	--
May 20	All Below	Below Detectable Levels	Below Detectable Levels	0.005180	0.002720	--
May 21	All Below	Below Detectable Levels	Below Detectable Levels	0.010700	0.005300	--
May 22	All Below	Below Detectable Levels	Below Detectable Levels	0.021300	0.000430	--
May 23	All Below	Below Detectable Levels	Below Detectable Levels	0.001880	0.001360	--
May 24	All Below	Below Detectable Levels	Below Detectable Levels	0.008500	0.001890	--
May 25	All Below	Below Detectable Levels	Below Detectable Levels	0.012300	0.002060	--
May 26	All Below	Below Detectable Levels	Below Detectable Levels	0.002130	0.002950	--
May 27	All Below	Below Detectable Levels	Below Detectable Levels	0.008600	0.000450	--
May 28	All Below	Below Detectable Levels	Below Detectable Levels	0.002460	0.000370	--
May 29	All Below	Below Detectable Levels	Below Detectable Levels	0.000550	0.000290	--
May 30	All Below	Below Detectable Levels	Below Detectable Levels	0.008000	0.003880	--
May 31	All Below	Below Detectable Levels	Below Detectable Levels	0.001860	0.004600	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
May 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

NA = Data not collected or recorded
 Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 Soil Removal Areas Along the North Shore

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.

Air Monitoring Locations



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
May 1	All Below	0.0123	0.007	0.011	--	0.0115	0.0137	0.0151	0.0097	0.0134	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
May 2	All Below	0.0166	0.0105	0.0208	--	0.0213	0.016	0.0179	0.0205	0.0195	--
May 3	All Below	0.0358	0.0205	0.0359	--	0.0361	0.0357	0.0357	0.038	0.0445	--
May 4	All Below	0.0547	0.0296	0.0543	--	0.0543	0.052	0.0529	--	0.0574	--
May 7	All Below	0.0207	0.0106	0.012	--	0.0155	0.0185	0.0168	0.014	0.0189	--
May 8	All Below	0.0093	0.0043	0.0106	--	0.0098	0.0111	0.008	0.0075	0.0111	--
May 9	All Below	0.0101	0.006	0.0089	--	0.0103	0.011	0.0081	0.0125	0.0113	--
May 10	All Below	0.0226	0.0153	0.0346	--	0.018	0.0267	0.0191	0.0213	0.0142	--
May 11	All Below	0.0103	0.0071	0.0107	--	0.0143	0.0131	0.0111	0.0077	0.0119	--
May 14	All Below	0.0141	0.0119	0.0205	--	0.007	0.0155	0.0081	0.017	0.0235	--
May 15	All Below	0.0263	0.0217	0.0284	--	0.0244	0.0248	0.0229	0.0219	0.0196	--
May 16	All Below	0.0244	0.0217	0.0292	--	0.029	0.0225	0.0245	0.0191	0.0189	--
May 17	All Below	0.0087	0.0117	0.0151	--	0.0086	0.0133	0.0066	0.0049	0.0091	--
May 18	All Below	0.0182	0.0135	0.0233	--	0.0221	0.0209	0.0171	0.0127	0.0213	--
May 21	All Below	0.0265	0.0263	0.0291	--	0.0486	0.024	0.0235	0.011	0.0455	--
May 22	All Below	0.0162	0.0212	0.0493	--	0.0113	0.0143	0.0132	0.0143	0.0167	--
May 23	All Below	0.0083	0.0073	0.1986	--	0.0091	0.0114	0.0077	0.0061	0.0161	UP-AIR3 levels not related to field activities.
May 24	All Below	0.0225	0.0601	0.0231	--	0.028	0.0226	0.0221	0.0225	0.0257	--
May 25	All Below	0.0357	0.0391	0.0413	--	0.0286	0.03	0.0369	0.038	0.0122	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
May 29	All Below	0.0105	0.0107	0.0111	--	0.0133	0.0169	0.0135	0.0087	0.0142	--
May 30	All Below	0.021	0.015	0.0191	--	0.0229	0.0207	0.8327	0.011	0.0375	SLF-AIR2 levels not related to field activities.
May 31	All Below	0.0237	0.0233	0.0307	--	0.0337	0.031	0.8328	0.0175	0.0311	SLF-AIR2 levels not related to field activities.

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
May 1	All Below	0.8369	1.1683	0.0215	--	0.0172	0.033	0.0318	0.1401	0.0381	--
May 2	All Below	0.5582	0.5853	0.1005	--	0.0105	0.1744	0.0797	0.0223	0.2163	--
May 3	All Below	0.6032	0.185	0.0161	--	0.0171	0.0088	0.0457	0.0084	0.0015	--
May 4	All Below	0.877	0.0114	0.0053	--	0.0011	0.0182	0.0489	--	0.011	--
May 7	All Below	0.0001	1.9581	0.1015	--	0.0104	0.0002	0.3203	0.3948	0.0035	--
May 8	All Below	0.0473	1.3279	0.0836	--	0.0622	0.3533	0.1513	0.2507	0.3889	--
May 9	All Below	0.0173	0.0806	0.0037	--	0.0094	0.0296	0.0099	0.0243	0.0462	--
May 10	All Below	0.0137	0.1763	0.0037	--	0.0068	0.0295	0.0191	0.0283	0.0489	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
May 11	All Below	0.0623	1.2644	0.1196	--	0.0443	0.2254	0.167	0.1604	0.3825	--
May 14	All Below	0.0608	2.898	0.3479	--	0.0789	0.1492	0.0103	0.7233	0.1379	--
May 15	All Below	0.022	0.9755	0.1594	--	0.0469	0.0728	0.0422	0.1482	0.0858	--
May 16	All Below	0.037	0.0048	0.1618	--	0.0229	0.0862	0.0324	0	0.0342	--
May 17	All Below	0.0333	0.0121	0.0003	--	0.0045	0.0586	0.0681	0.0205	0.0363	--
May 18	All Below	0.0146	0.1481	0.0055	--	0.0278	0.4005	0.1277	0.1709	0.2468	--
May 21	All Below	0	0.0031	0.0024	--	1.5333	0.7579	0.2523	0.6069	0.529	--
May 22	All Below	0	0.578	0	--	0.0156	6.4829	0.0571	0.1906	0.1174	--
May 23	All Below	0	0.7863	0	--	0.0337	5.47	0.1263	0.1123	0	--
May 24	All Below	0	0	0	--	0.0161	8.5934	0.1222	0.0583	0.0019	SLF-AIR1 levels not related to field activities.
May 25	All Below	0	0	0.0486	--	0.0265	3.4517	0.0909	0.2413	0.2331	--
May 29	All Below	0	0	0	--	0.162	2.2149	0.0061	0.0008	0.0005	--
May 30	All Below	0	0	0	--	0.0753	5.0861	0.1199	0.2995	0.0051	SLF-AIR1 levels not related to field activities.
May 31	All Below	0	0	0.0236	--	0.0445	6.4773	0.1963	0.1957	0.0667	SLF-AIR1 levels not related to field activities.

NA = Data not collected or recorded
Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

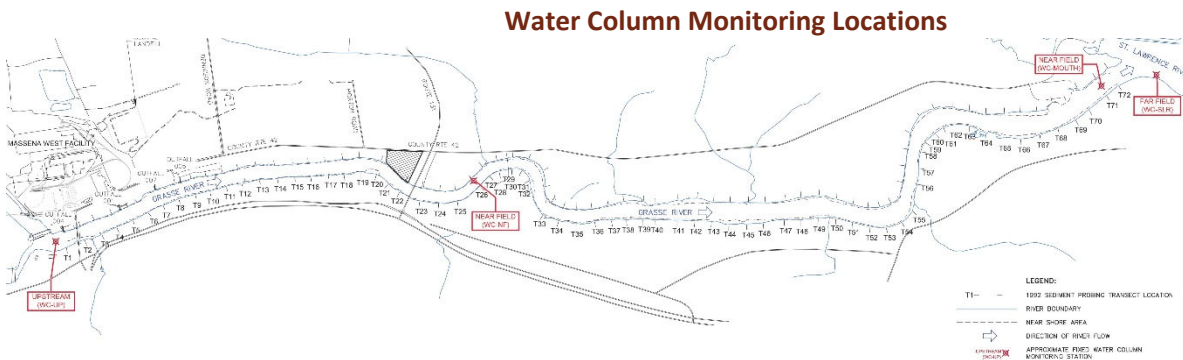
		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
May 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000750	0.001300	Below Detectable Levels	Below Detectable Levels	--
May 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000110	0.000090	Below Detectable Levels	Below Detectable Levels	--
May 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000580	0.000330	Below Detectable Levels	Below Detectable Levels	--
May 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000120	0.001000	Below Detectable Levels	Below Detectable Levels	--
May 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000310	0.001500	Below Detectable Levels	Below Detectable Levels	--
May 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000510	0.003600	Below Detectable Levels	Below Detectable Levels	--
May 9	All Below	Below Detectable Levels	Below Detectable Levels	0.014000	--	Below Detectable Levels	0.000190	0.002310	Below Detectable Levels	Below Detectable Levels	--
May 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001290	0.002360	Below Detectable Levels	Below Detectable Levels	--
May 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000360	0.000540	Below Detectable Levels	Below Detectable Levels	--
May 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000520	0.000240	Below Detectable Levels	Below Detectable Levels	--
May 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.002030	0.001430	Below Detectable Levels	Below Detectable Levels	--
May 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001400	0.002220	Below Detectable Levels	Below Detectable Levels	--
May 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000360	0.001810	Below Detectable Levels	Below Detectable Levels	--
May 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000380	0.001510	Below Detectable Levels	Below Detectable Levels	--
May 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000300	0.001600	Below Detectable Levels	Below Detectable Levels	--

Date	Action Level Check	Monitoring Station ID (see figure)									Notes
		UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	
May 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000580	0.003530	Below Detectable Levels	Below Detectable Levels	--
May 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000690	0.001320	Below Detectable Levels	Below Detectable Levels	--
May 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000580	0.000660	Below Detectable Levels	Below Detectable Levels	--
May 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000340	0.002520	Below Detectable Levels	Below Detectable Levels	--
May 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000460	0.000230	Below Detectable Levels	Below Detectable Levels	--
May 30	All Below	--	--	--	--	--	0.000330	0.000550	Below Detectable Levels	Below Detectable Levels	--
May 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000310	0.001100	Below Detectable Levels	Below Detectable Levels	--

NA = Data not collected or recorded
 Total PCBs (micrograms per cubic meter)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.



2019 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
May 1	All Below	Below Detectable Levels	5.22	7.46	5.67	--
May 2	All Below	Below Detectable Levels	11.9 (12.2)	4.03	6.27	--
May 3	All Below	2.99	10.9 (2.54)	3.58	4.93	--
May 4	All Below	2.54	2.69 (2.69)	3.73	3.58	--
May 6	All Below	2.99	7.01 (13.7)	3.88	2.84	--
May 7	All Below	1.79	3.88 (6.27)	5.07	2.99	--
May 8	All Below	2.09	7.01 (7.91)	2.69	4.33	--
May 9	All Below	2.09	6.87 (13.3)	10.3	4.03	--
May 10	All Below	2.09	9.25 (6.72)	4.78	3.58	--
May 11	All Below	11.2	6.57 (10.7)	8.66	3.73	--
May 13	All Below	7.76	6.12 (67.61)	20.3	4.63	--
May 14	All Below	4.63	9.25	6.57	5.37	--
May 15	All Below	5.07	12.8	6.27	5.52	--
May 16	All Below	4.48	8.36	5.07	6.12	--
May 17	All Below	2.99	4.48	5.07	5.52	--
May 18	All Below	2.99	8.96	6.12	3.73	--
May 20	All Below	3.28	6.27	3.73	2.69	--
May 21	All Below	3.13	1.64	2.84	2.54	--
May 22	All Below	4.18	6.42	3.58	4.63	--
May 23	All Below	3.28	9.85	3.58	4.33	--
May 24	All Below	2.99	6.72	7.03	2.39	--
May 25	All Below	2.54	3.13	10.0	3.43	--
May 28	All Below	12.8	10.1	11.8	4.18	--
May 29	All Below	6.42	25.1	8.06	6.42	--
May 30	All Below	6.80	8.80	10.8	Below Detectable Levels	--
May 31	All Below	6.8	8.8	4.8	Below Detectable Levels	--

Total TSS (milligrams per liter)

TSS values in parentheses represent an additional NF station sampled closer to the upstream work platform.

2019 Water Column PCB Data
(Corrective Action Level at WC-SLR = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
May 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
May 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 22	All Below	0.720000	Below Detectable Levels	Below Detectable Levels	Construction Work Review/Evaluation Performed
May 23	All Below	0.400000	2.700000	Below Detectable Levels	Construction Work Review/Evaluation Performed
May 24	All Below	0.310000	0.290000	0.320000	--
May 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data (Corrective Action Level = 25 NTU above Baseline Level)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
May 1	All Below	0.9	1.4	0.1	--
May 2	All Below	0.1	2.2	0.1	--
May 3	All Below	0.2	1.6	0.1	--
May 4	All Below	1.3	0.9	0.2	--
May 6	All Below	0.5	2.0	0.2	--
May 7	All Below	0.5	1.9	0.2	--
May 8	All Below	0.3	1.2	0.2	--
May 9	All Below	0.4	0.8	0.1	--
May 10	All Below	1.1	1.7	0.5	--
May 11	All Below	0.4	1.3	0.4	--
May 13	All Below	0.6	2.0	0.3	--
May 14	All Below	0.4	1.4	0.4	--
May 15	All Below	1.5	1.3	0.4	--
May 16	All Below	0.5	1.1	0.4	--
May 17	All Below	0.5	0.6	0.5	--
May 18	All Below	0.5	0.9	0.3	--
May 20	All Below	0.6	1.2	0.4	--
May 21	All Below	0.5	1.4	0.7	--
May 22	All Below	0.3	1.5	0.4	--
May 23	All Below	0.7	1.7	0.3	--
May 24	All Below	0.4	1.3	0.2	--
May 25	All Below	0.4	2.0	0.4	--
May 28	All Below	0.4	5.3	0.4	--
May 29	All Below	0.4	1.5	0.7	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
May 30	All Below	0.7	1.0	0.7	--
May 31	All Below	2.0	1.5	0.4	--

NA = Data not collected or recorded

Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
May 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
May 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

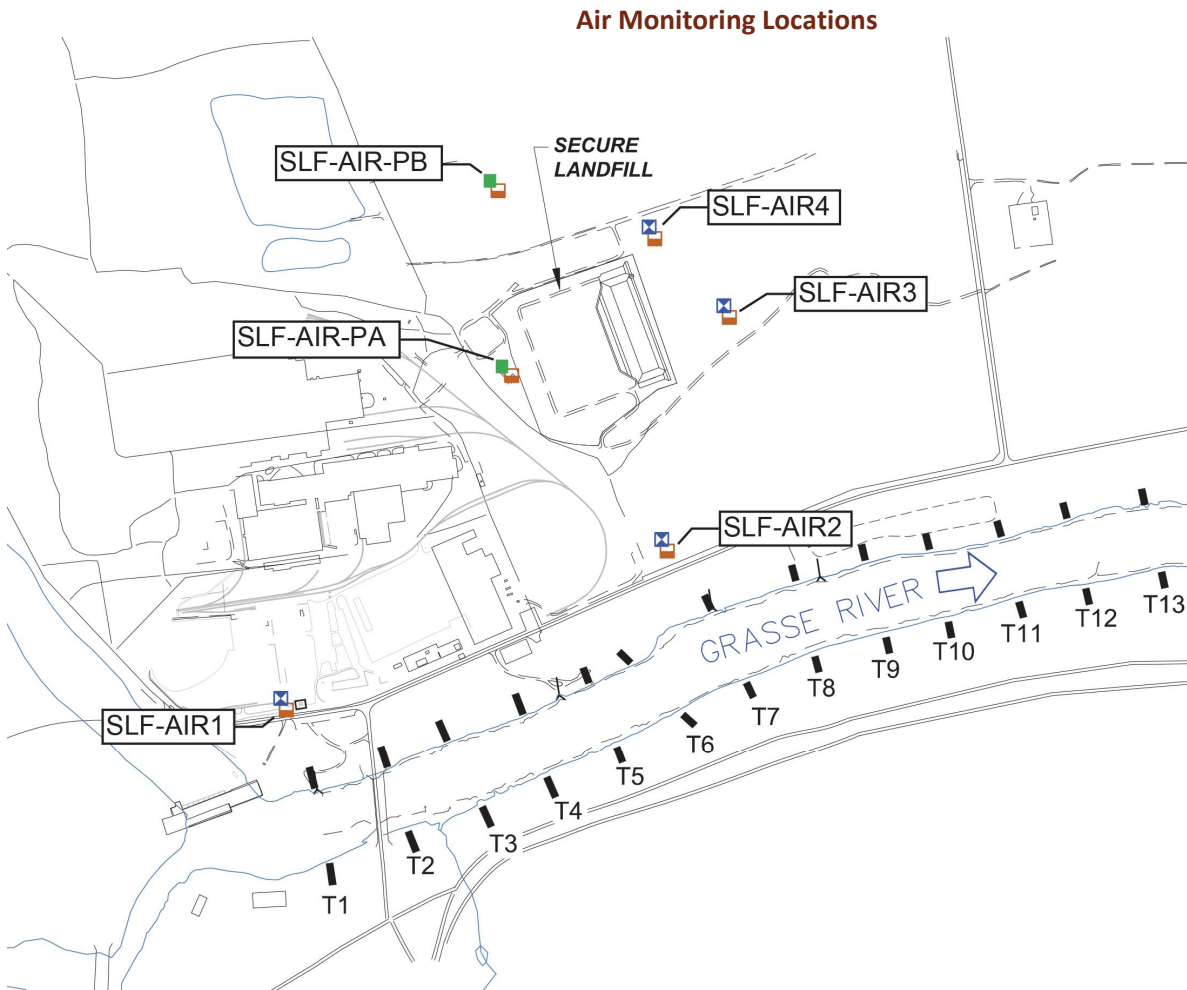
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
May 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

June 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 1	All Below	0.0129	0.0175	0.0181	0.016	0.0133	0.0129	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 2	All Below	0.021	0.0315	0.0335	0.0348	0.0259	0.01	--
June 3	All Below	0.0337	0.0696	0.0726	0.0741	NA	NA	--
June 4	All Below	0.0099	0.0082	0.0097	0.0091	0.0121	0.0196	--
June 5	All Below	0.013	0.0145	0.0151	0.0107	0.0115	0.0117	--
June 6	All Below	0.0226	0.0264	0.028	0.0295	0.0247	0.0352	--
June 7	All Below	0.0187	0.0237	0.0284	0.0378	0.0264	0.0775	--
June 8	All Below	0.0159	0.0119	0.0211	0.0193	0.0151	0.0131	--
June 9	All Below	0.0558	0.0449	0.069	0.0745	0.0809	0.0403	--
June 10	All Below	0.0224	0.0191	0.0489	0.0477	--	--	--
June 11	All Below	0.0139	0.013	0.0209	0.0194	0.0105	0.0217	--
June 12	All Below	0.0395	0.0315	0.0221	0.022	0.0525	0.0121	--
June 13	All Below	0.0497	0.0317	0.0481	0.053	0.0556	0.0149	--
June 14	All Below	0.0158	0.0141	0.0165	0.0155	0.0141	0.0151	--
June 15	All Below	0.0357	0.0247	0.0304	0.0341	0.0264	0.0271	--
June 16	All Below	0.031	0.0291	0.0341	0.034	0.0442	0.0328	--
June 17	All Below	0.0237	0.016	0.0173	0.0167	0.014	0.0208	--
June 18	All Below	0.0111	0.011	0.0198	0.0181	0.0159	0.0106	--
June 19	All Below	0.0175	0.0197	0.0249	0.0228	0.0169	0.0196	--
June 20	All Below	0.0267	0.0292	0.0327	0.0326	0.0297	0.0341	--
June 21	All Below	0.0568	0.0631	0.0627	0.0637	0.0637	0.0691	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 22	All Below	0.067	0.0122	0.0165	0.0141	0.0146	0.0161	--
June 23	All Below	0.0143	0.0131	0.014	0.0131	0.0129	0.0437	--
June 24	All Below	0.018	0.0149	0.0221	0.0234	NA	NA	--
June 25	All Below	0.0221	0.0151	0.0284	0.029	0.0188	0.02	--
June 26	All Below	0.0359	0.0232	0.0369	0.0425	0.0353	0.0333	--
June 27	All Below	0.0261	0.0245	0.0341	0.0292	0.019	0.025	--
June 28	All Below	0.0387	0.0286	0.0436	0.0396	0.0271	0.0217	--
June 29	All Below	0.0299	0.0445	0.037	0.0375	0.0257	0.0397	--
June 30	All Below	0.0207	0.0261	0.0281	0.0271	0.0257	0.028	--

NA = Data not collected

Particulates (milligrams per cubic meter)

**2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)**

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 1	All Below	4.5611	0.0379	0.0167	0.1139	0.0592	0.6112	--
June 2	All Below	8.3882	0.1137	0.0117	0.1494	0.0428	0.0369	SLF-AIR1 levels not related to field activities.
June 3	All Below	2.7413	0.1131	0.3887	0.153	NA	NA	--
June 4	All Below	4.5943	0.0341	0.3889	0.0348	0.9605	0.8409	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 5	All Below	23.645	0.0475	0.0576	0.1011	0.0223	0.1977	SLF-AIR1 levels not related to field activities.
June 6	All Below	9.334	0.1379	0.0877	0.14	0.2309	0.5923	SLF-AIR1 levels not related to field activities.
June 7	All Below	6.1642	0.2749	0.1069	0.1811	0.2506	0.9371	SLF-AIR1 levels not related to field activities.
June 8	All Below	4.1397	0.1711	0.0211	0.2045	0.3077	0.2004	--
June 9	All Below	5.0091	0.2109	0.0121	0.2807	0.313	0.756	--
June 10	All Below	3.4431	0.2877	0.0459	0.3024	--	--	--
June 11	All Below	5.4011	0.2969	0.0192	0.2511	0.4379	0.5275	SLF-AIR1 levels not related to field activities.
June 12	All Below	4.2854	0.1057	0.2393	0.0948	0.2643	3.1459	--
June 13	All Below	0.3359	0.1533	0.0183	0.1959	0.5672	0.0062	--
June 14	All Below	10.284	0.0521	0.0017	0.1055	0.6155	0.258	SLF-AIR1 levels not related to field activities.
June 15	All Below	9.15	0.0369	0.0768	0.0529	0.3629	0.1961	SLF-AIR1 levels not related

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
								to field activities.
June 16	All Below	8.2259	0.0913	0.012	0.1129	1.1949	2.2948	SLF-AIR1 levels not related to field activities.
June 17	All Below	3.8785	0.2071	0.0387	0.1323	0.7135	0.4065	--
June 18	All Below	2.7239	0.1789	0.0297	0.1717	0.4318	0.5785	--
June 19	All Below	3.1951	0.2312	0.0016	0.2337	0.5807	0.4545	--
June 20	All Below	1.0988	0.2295	0.0757	0.2237	0.2055	0.2124	--
June 21	All Below	4.4527	0.158	0.0377	0.1471	0.331	0.0024	--
June 22	All Below	0.634	0.2049	0.0839	0.1435	0.1878	0.2983	--
June 23	All Below	3.4833	0.0948	0.	0.1357	0.0143	0.2717	--
June 24	All Below	6.8654	0.1217	0	0.1537	NA	NA	SLF-AIR1 levels not related to field activities.
June 25	All Below	17.743	0.1653	0.0331	0.2334	0.0003	NA	SLF-AIR1 levels not related to field activities.
June 26	All Below	5.091	0.1021	0.0573	0.1991	1.802	0.2392	SLF-AIR1 levels not related to field activities.
June 27	All Below	0	0.204	0.0333	0.2408	0.1439	0.364	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 28	All Below	0.7374	0.1505	0.1199	0.2159	0.1164	0.1545	--
June 29	All Below	15.27	0.2233	0.1106	0.1819	0.128	0.5043	SLF-AIR1 levels not related to field activities.
June 30	All Below	2.4623	0.2196	0.1866	0.4907	0.0211	1.129	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 1	All Below	0.001780	0.002200	0.000780	0.000470	Below Detectable Levels	Below Detectable Levels	--
June 2	All Below	0.001390	0.002020	0.001500	0.000520	Below Detectable Levels	Below Detectable Levels	--
June 3	All Below	0.000280	0.000930	0.017500	0.002850	--	--	--
June 4	All Below	0.000260	0.000570	0.007290	0.002580	Below Detectable Levels	Below Detectable Levels	--
June 5	All Below	0.000230	0.000860	0.013200	0.002780	Below Detectable Levels	Below Detectable Levels	--
June 6	All Below	0.000950	0.001100	0.001400	0.000890	Below Detectable Levels	Below Detectable Levels	--
June 7	All Below	0.002900	0.001900	0.002200	0.003700	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 8	All Below	0.001100	0.003610	0.002500	0.000610	Below Detectable Levels	Below Detectable Levels	--
June 9	All Below	0.002200	0.001720	0.001000	0.000021	Below Detectable Levels	Below Detectable Levels	--
June 10	All Below	0.001800	0.001950	0.001100	0.003700	--	--	--
June 11	All Below	0.002300	0.000890	0.003700	0.004600	Below Detectable Levels	Below Detectable Levels	--
June 12	All Below	0.000760	0.000770	0.005780	0.002150	Below Detectable Levels	Below Detectable Levels	--
June 13	All Below	0.000840	0.002050	0.008600	0.003820	Below Detectable Levels	Below Detectable Levels	--
June 14	All Below	0.001100	0.001170	0.003860	0.005670	Below Detectable Levels	Below Detectable Levels	--
June 15	All Below	0.000430	0.001300	0.015800	0.006100	Below Detectable Levels	--	--
June 16	All Below	0.000340	0.001300	0.020700	0.003510	--	--	--
June 17	All Below	0.000760	0.004080	0.000690	0.000670	Below Detectable Levels	Below Detectable Levels	--
June 18	All Below	0.001760	0.003900	0.001500	0.000370	Below Detectable Levels	Below Detectable Levels	--
June 19	All Below	0.006660	0.005200	0.005000	0.009000	Below Detectable Levels	Below Detectable Levels	--
June 20	All Below	0.002300	0.006300	0.024200	0.010200	Below Detectable Levels	Below Detectable Levels	--
June 21	All Below	0.002500	0.004300	0.001200	0.000670	Below Detectable Levels	Below Detectable Levels	--

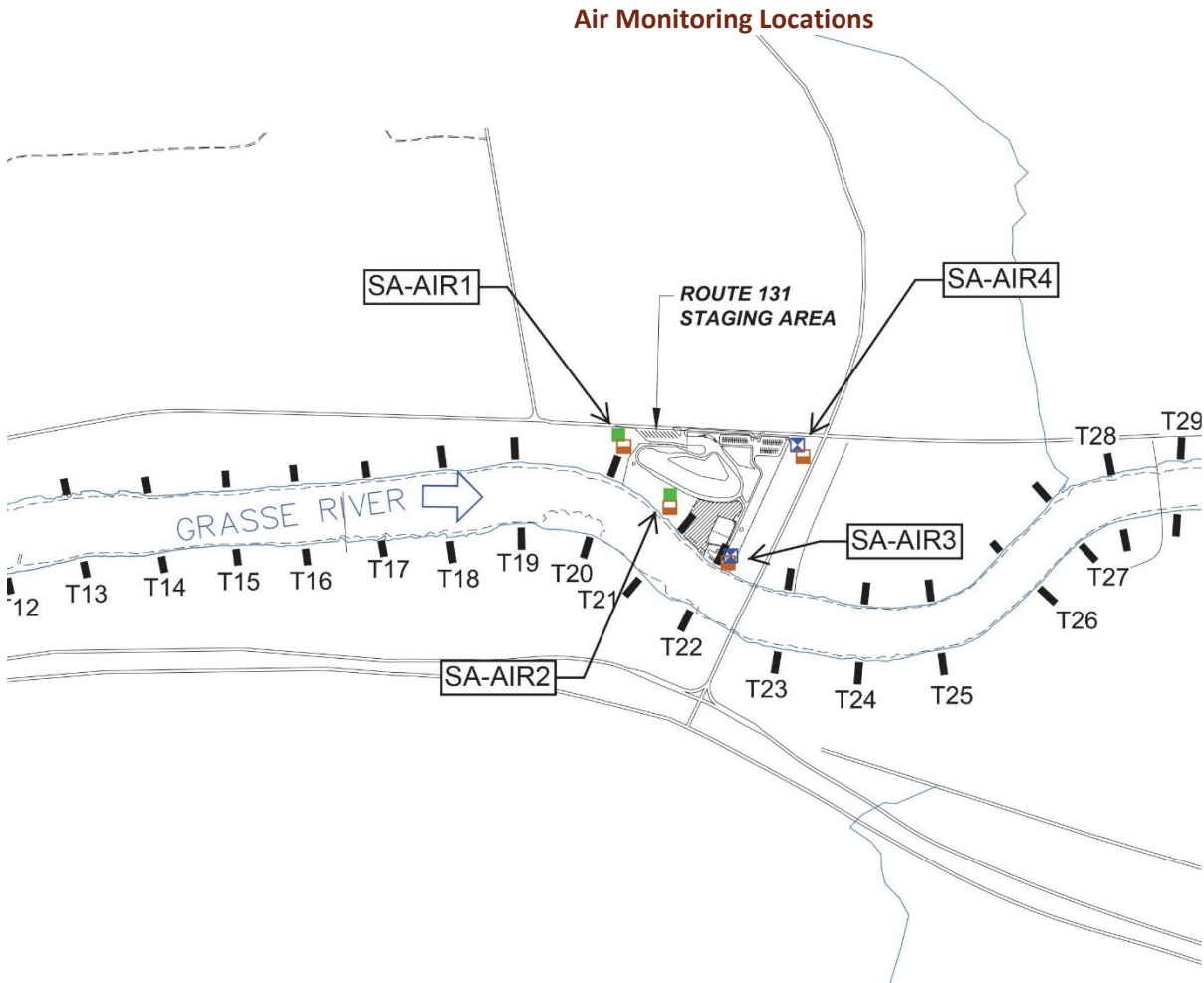
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 22	All Below	--	--	--	--	Below Detectable Levels	Below Detectable Levels	SLF-AIR1, SLF-AIR2, SLF-AIR3 and SLF-AIR4 samples lost during analysis
June 23	All Below	--	0.004700	0.011900	0.000370	--	--	SLF-AIR1 sample lost during analysis
June 24	All Below	--	0.001500	0.041000	0.015500	--	--	SLF-AIR1 sample lost during analysis
June 25	All Below	0.001200	0.001850	0.001500	0.001000	Below Detectable Levels	Below Detectable Levels	--
June 26	All Below	0.001600	0.003400	0.240000	0.053000	Below Detectable Levels	Below Detectable Levels	SLF-AIR3 - Construction Work Review/Evaluation Performed
June 27	All Below	0.001300	0.005400	0.620000	0.180000	Below Detectable Levels	--	SLF-AIR3 and SLF-AIR4 - Construction Work Review/Evaluation Performed
June 28	All Below	0.001600	0.003700	0.410000	0.140000	Below Detectable Levels	Below Detectable Levels	SLF-AIR3 and SLF-AIR4 - Construction Work Review/Evaluation Performed
June 29	All Below	0.001700	0.005100	0.490000	0.210000	Below Detectable Levels	--	SLF-AIR3 and SLF-AIR4 - Construction Work Review/Evaluation Performed
June 30	All Below	0.002100	0.004700	0.160000	0.014000	Below Detectable Levels	Below Detectable Levels	SLF-AIR3 - Construction Work Review/Evaluation Performed

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 1	All Below	0.0216	0.0326	0.0139	0.0111	--
June 2	All Below	0.0327	0.0307	0.0258	0.0227	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 3	All Below	0.0755	0.0591	0.0657	0.0577	--
June 4	All Below	0.0087	0.0071	0.0299	0.0099	--
June 5	All Below	0.0118	0.0097	0.0109	0.0089	--
June 6	All Below	0.0271	0.0223	0.0249	0.0229	--
June 7	All Below	0.018	0.0187	0.0205	0.0145	--
June 8	All Below	0.0203	0.0116	0.023	0.0123	--
June 9	All Below	0.04	0.0391	0.0385	0.0305	--
June 10	All Below	0.0178	0.0176	0.0155	0.0198	--
June 11	All Below	0.0246	0.0301	0.0101	0.0233	--
June 12	All Below	0.0362	0.0361	0.0432	0.0296	--
June 13	All Below	0.0169	0.0152	0.0221	0.0288	--
June 14	All Below	0.0157	0.0407	0.0129	0.0136	--
June 15	All Below	0.0164	0.0173	0.0221	0.0144	--
June 16	All Below	0.0291	0.0259	0.0278	0.0565	--
June 17	All Below	0.017	0.0144	0.0142	0.0134	--
June 18	All Below	0.0156	0.014	0.0207	0.012	--
June 19	All Below	0.0279	0.0325	0.015	0.0158	--
June 20	All Below	0.034	0.007	0.0651	0.0443	--
June 21	All Below	0.0664	0.0565	0.0539	0.0521	--
June 22	All Below	0.0133	0.0073	0.0372	0.0149	--
June 23	All Below	0.0115	0.0085	0.0533	0.0177	--
June 24	All Below	0.0159	0.0105	0.0125	0.0177	--
June 25	All Below	0.0199	0.1293	0.0131	0.0229	--
June 26	All Below	0.0339	0.0317	0.0395	0.0359	--
June 27	All Below	0.0217	0.0185	0.0575	0.0411	--
June 28	All Below	0.0185	0.013	0.0191	0.0406	--
June 29	All Below	0.0257	0.0214	0.0467	0.0297	--
June 30	All Below	0.0225	0.0163	0.041	0.0271	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 1	All Below	0.0523	0.0035	0.0111	2.9576	--
June 2	All Below	0	0.0173	0.0035	5.8314	--
June 3	All Below	0.3189	0.1505	0.0979	5.3689	SA-AIR4 levels not related to field activities.
June 4	All Below	0.179	0.0593	0.0875	3.7114	SA-AIR4 levels not related to field activities.
June 5	All Below	0	0	0.301	5.351	SA-AIR4 levels not related to field activities.
June 6	All Below	0.1741	0.2288	0.0601	1.9756	--
June 7	All Below	0.2009	0.1046	0.1015	5.2843	SA-AIR4 levels not related to field activities.
June 8	All Below	0.294	0.0486	0.1103	0	--
June 9	All Below	0.0078	0.0279	0.019	0.0863	--
June 10	All Below	0.0042	0.0301	0.1056	0.773	--
June 11	All Below	0.0158	0.1032	0.1083	6.7327	SA-AIR4 levels not related to field activities.
June 12	All Below	0.426	0.1093	0.1373	2.8136	--
June 13	All Below	0	0.0065	0.1556	0.015	--
June 14	All Below	0	0.0031	0.0529	6.0451	SA-AIR4 levels not related to field activities.
June 15	All Below	0.0991	0.0469	0.0687	5.1925	SA-AIR4 levels not related to field activities.

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 16	All Below	0.0021	0.0733	0.1113	1.6219	--
June 17	All Below	0.0705	0.1459	0.2329	0.5121	--
June 18	All Below	0.1449	0.0831	0.1456	0.625	--
June 19	All Below	0	0.1168	0.0627	0.8065	--
June 20	All Below	0	0.2695	0.0689	0.	--
June 21	All Below	0.0009	0	0.3154	3.5125	--
June 22	All Below	0.01134	0.13	0.2838	0	--
June 23	All Below	0.148	0.2479	0.7575	0	--
June 24	All Below	0.2997	0.5309	0.7663	0.5701	--
June 25	All Below	0	0.1805	0	27.865	SA-AIR4 levels not related to field activities.
June 26	All Below	0	0.0056	0.2905	9.2492	SA-AIR4 levels not related to field activities.
June 27	All Below	0	0.0693	0.0259	0	--
June 28	All Below	0	0.3395	0.3111	0	--
June 29	All Below	0	0.349	0.2009	0	--
June 30	All Below	0	0.3314	0.5015	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 1	All Below	Below Detectable Levels	Below Detectable Levels	0.006700	0.002230	--
June 2	All Below	Below Detectable Levels	Below Detectable Levels	0.002400	0.000610	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 3	All Below	Below Detectable Levels	Below Detectable Levels	0.001610	0.002510	--
June 4	All Below	Below Detectable Levels	Below Detectable Levels	0.007100	0.001600	--
June 5	All Below	Below Detectable Levels	Below Detectable Levels	0.002230	0.003370	--
June 6	All Below	Below Detectable Levels	Below Detectable Levels	0.005400	0.000940	--
June 7	All Below	Below Detectable Levels	Below Detectable Levels	0.012100	0.001700	--
June 8	All Below	Below Detectable Levels	Below Detectable Levels	0.018400	0.002220	--
June 9	All Below	Below Detectable Levels	Below Detectable Levels	0.002760	0.001420	--
June 10	All Below	Below Detectable Levels	Below Detectable Levels	0.005800	0.003300	--
June 11	All Below	Below Detectable Levels	Below Detectable Levels	0.002040	0.002560	--
June 12	All Below	Below Detectable Levels	Below Detectable Levels	0.020000	0.001730	--
June 13	All Below	Below Detectable Levels	Below Detectable Levels	0.003800	0.002930	--
June 14	All Below	Below Detectable Levels	Below Detectable Levels	0.003590	0.003130	--
June 15	All Below	Below Detectable Levels	Below Detectable Levels	0.002560	0.014800	--
June 16	All Below	Below Detectable Levels	Below Detectable Levels	0.002890	0.012800	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 17	All Below	Below Detectable Levels	Below Detectable Levels	0.011100	0.002120	--
June 18	All Below	Below Detectable Levels	Below Detectable Levels	0.008900	0.002680	--
June 19	All Below	Below Detectable Levels	Below Detectable Levels	0.026000	0.005900	--
June 20	All Below	Below Detectable Levels	Below Detectable Levels	0.036000	0.008500	--
June 21	All Below	Below Detectable Levels	Below Detectable Levels	0.015200	0.000630	--
June 22	All Below	Below Detectable Levels	Below Detectable Levels	--	--	SLF-AIR3 and SLF-AIR4 samples lost during analysis
June 23	All Below	Below Detectable Levels	Below Detectable Levels	--	--	SLF-AIR3 and SLF-AIR4 samples lost during analysis
June 24	All Below	Below Detectable Levels	Below Detectable Levels	--	--	SLF-AIR3 and SLF-AIR4 samples lost during analysis
June 25	All Below	Below Detectable Levels	Below Detectable Levels	0.005100	0.000790	--
June 26	All Below	Below Detectable Levels	Below Detectable Levels	0.003100	0.016800	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
June 8	All Below	--	Below Detectable Levels	Below Detectable Levels	--	--	Below Detectable Levels	--
June 9	All Below	--	Below Detectable Levels	Below Detectable Levels	--	--	Below Detectable Levels	--
June 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 13	All Below	--	Below Detectable Levels	Below Detectable Levels	--	--	Below Detectable Levels	--
June 14	All Below	--	Below Detectable Levels	Below Detectable Levels	--	--	Below Detectable Levels	--
June 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 16	All Below	--	Below Detectable Levels	Below Detectable Levels	--	--	Below Detectable Levels	--
June 18	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 19	All Below	--	Below Detectable Levels	0.023000	0.010000	--	Below Detectable Levels	--
June 20	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 21	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 22	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 23	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
June 25	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 26	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 27	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 28	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 29	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
June 30	All Below	--	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--

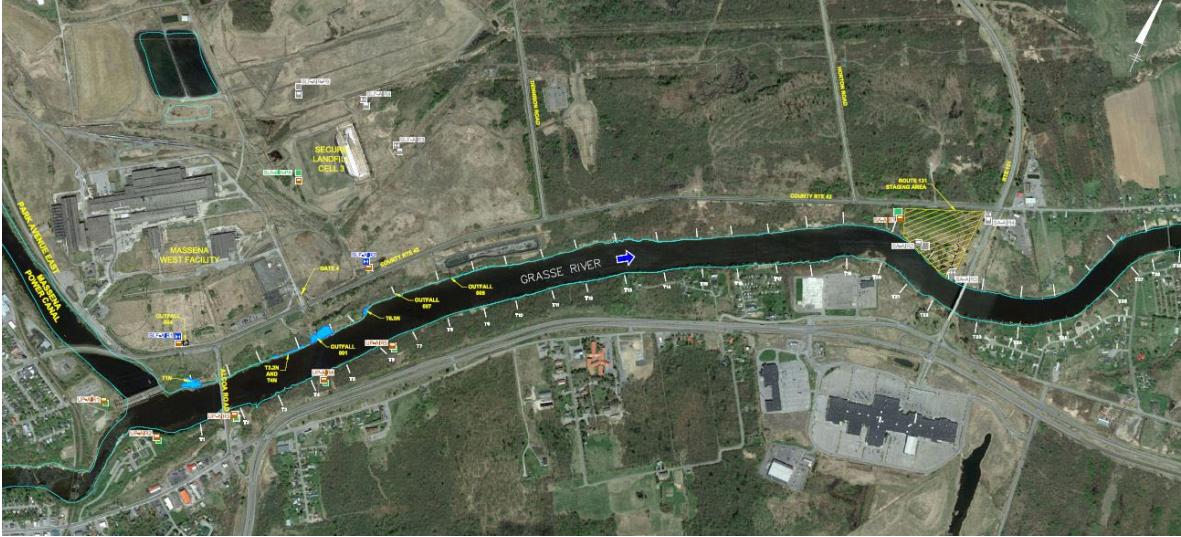
NA = Data not collected or recorded

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 Soil Removal Areas Along the North Shore

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.

Air Monitoring Locations



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
June 1	All Below	0.0134	0.0111	0.0172	--	0.0189	0.0129	0.0175	0.0133	0.0216	--
June 4	All Below	0.0209	0.0119	0.0147	--	0.009	0.0099	0.0082	0.0121	0.0087	--
June 5	All Below	0.0311	0.014	0.0158	--	0.0138	0.013	0.0145	0.0115	0.0118	--
June 6	All Below	0.0232	0.021	0.0288	--	0.0318	0.0226	0.0264	0.0247	0.0271	--
June 7	All Below	0.0247	0.0211	0.0221	--	0.0235	0.0187	0.0237	0.0264	0.018	--
June 8	All Below	0.015	0.0116	0.0167	--	0.0137	0.0159	0.0119	0.0151	0.0203	--
June 11	All Below	0.0064	0.0135	0.0239	--	0.0186	0.0139	0.013	0.0105	0.0246	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
June 12	All Below	0.0375	0.0299	0.0326	--	0.0311	0.0395	0.0315	0.0525	0.0362	--
June 13	All Below	0.0389	0.0284	0.027	--	0.0263	0.0477	0.0317	0.0556	0.0169	--
June 14	All Below	0.0111	0.0113	0.0135	--	0.0169	0.0158	0.0141	0.0141	0.0157	--
June 15	All Below	0.0293	0.0201	0.0233	--	0.0302	0.0357	0.0247	0.0264	0.0164	--
June 18	All Below	0.0039	0.0103	0.0182	--	0.012	0.0111	0.011	0.0159	0.0156	--
June 19	All Below	0.0114	0.0199	0.0211	--	0.0233	0.0175	0.0197	0.0169	0.0279	--
June 20	All Below	0.0161	0.0221	0.03	--	0.0333	0.0267	0.0292	0.0297	0.034	--
June 21	All Below	0.0451	0.0436	0.0641	--	0.0718	0.0568	0.0631	0.0637	0.0664	--
June 22	All Below	0.0013	0.0073	0.0139	--	0.0129	0.067	0.0122	0.0146	0.0133	--
June 25	All Below	0.0124	0.0122	0.0215	--	0.017	0.0221	0.0151	0.0188	0.0199	--
June 26	All Below	0.0339	0.0233	0.0277	--	0.0456	0.0359	0.0232	0.0353	0.0339	--
June 27	All Below	0.0263	0.0239	0.0299	--	0.0287	0.0261	0.0245	0.019	0.0217	--
June 28	All Below	0.0349	0.0296	0.0371	--	0.0414	0.0387	0.0286	0.0271	0.0185	--
June 29	All Below	0.0352	0.0337	0.0413	--	0.0453	0.0299	0.0445	0.0257	0.0257	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
June 1	All Below	0	0	0.0184	--	0.0339	4.5611	0.0379	0.0592	0.0523	--
June 4	All Below	0	0.4969	0.0726	--	0.0379	4.5943	0.0341	0.9605	0.179	--
June 5	All Below	0	0.058	0	--	0.033	23.645	0.0475	0.0223	0	SLF-AIR1 levels not related to field activities.
June 6	All Below	0	0	0	--	0.0097	9.334	0.1379	0.2309	0.1741	SLF-AIR1 levels not related to field activities.
June 7	All Below	0	1.0258	0.1124	--	0.0573	6.6142	0.2749	0.2506	0.2009	SLF-AIR1 levels not related to field activities.
June 8	All Below	0	0.691	0	--	0.0681	4.1397	0.1711	0.3077	0.294	--
June 11	All Below	0	3.2583	0.1959	--	0.1585	5.4011	0.2969	0.4379	0.0158	SLF-AIR1 levels not related to field activities.
June 12	All Below	0	0.1317	0.0369	--	0.0353	4.2854	0.1057	0.2643	0.426	SLF-AIR1 levels not related to field activities.
June 13	All Below	0	0.0469	0.0234	--	0.0669	0.3359	0.1533	0.25672	0	--
June 14	All Below	0	0	0	--	0.0051	10.284	0.0521	0.6155	0	SLF-AIR1 levels not

												related to field activities.
June 15	All Below	0	0	0	--	0	9.15	0.0369	0.3629	0.0991		SLF-AIR1 levels not related to field activities.
June 18	All Below	0	0.7551	0.0114	--	0.0219	2.7239	0.1789	0.4318	0.1449	--	
June 19	All Below	0	1.6015	0.0346	--	0.0444	3.1951	0.2312	0.5807	0	--	
June 20	All Below	0	0.766	0.1459	--	0.0388	1.0988	0.2295	0.2055	0	--	
June 21	All Below	0	0.0267	0.0489	--	0	4.4527	0.158	0.331	0.0009	--	
June 22	All Below	0	0.8718	0.0584	--	0.0319	0.634	0.2049	0.1878	0.1134	--	
June 25	All Below	0	0.6177	0.0742	--	0.0533	17.743	0.1653	0.0003	0		SLF-AIR1 levels not related to field activities.
June 26	All Below	0	0.3772	0.1459	--	0.0333	5.091	0.1021	0.1802	0		SLF-AIR1 levels not related to field activities.
June 27	All Below	0	0.2629	0.1623	--	0.0451	0	0.204	0.1439	0	--	
June 28	All Below	0	0	0.1116	--	0.0494	0.7434	0.1505	0.1164	0	--	
June 29	All Below	0	0	0.1484	--	0.0276	15.27	0.2233	0.128	0		SLF-AIR1 levels not related to field activities.

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
June 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001780	0.002200	Below Detectable Levels	Below Detectable Levels	--
June 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000260	0.000570	Below Detectable Levels	Below Detectable Levels	--
June 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000230	0.000860	Below Detectable Levels	Below Detectable Levels	--
June 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000950	0.001100	Below Detectable Levels	Below Detectable Levels	--
June 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.002900	0.001990	Below Detectable Levels	Below Detectable Levels	--
June 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001100	0.003610	Below Detectable Levels	Below Detectable Levels	--
June 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.002300	0.000890	Below Detectable Levels	Below Detectable Levels	--
June 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000760	0.000770	Below Detectable Levels	Below Detectable Levels	--
June 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000840	0.002050	Below Detectable Levels	Below Detectable Levels	--
June 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001100	0.001170	Below Detectable Levels	Below Detectable Levels	--
June 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000430	0.001300	Below Detectable Levels	Below Detectable Levels	--
June 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001760	0.003900	Below Detectable Levels	Below Detectable Levels	--
June 19	All Below	0.015000	0.000800	Below Detectable Levels	--	0.008000	0.006600	0.005200	Below Detectable Levels	Below Detectable Levels	--
June 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.002300	0.006300	Below Detectable Levels	Below Detectable Levels	--
June 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.002500	0.004300	Below Detectable Levels	Below Detectable Levels	--
June 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--	Below Detectable Levels	Below Detectable Levels	SLF-AIR1 and SLF-AIR2

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
											samples lost during analysis
June 25	All Below	0.046000	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001200	0.001850	Below Detectable Levels	Below Detectable Levels	--
June 26	All Below	0.046000	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001600	0.003400	Below Detectable Levels	Below Detectable Levels	--
June 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001300	0.005400	Below Detectable Levels	Below Detectable Levels	--
June 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001600	0.003700	Below Detectable Levels	Below Detectable Levels	--

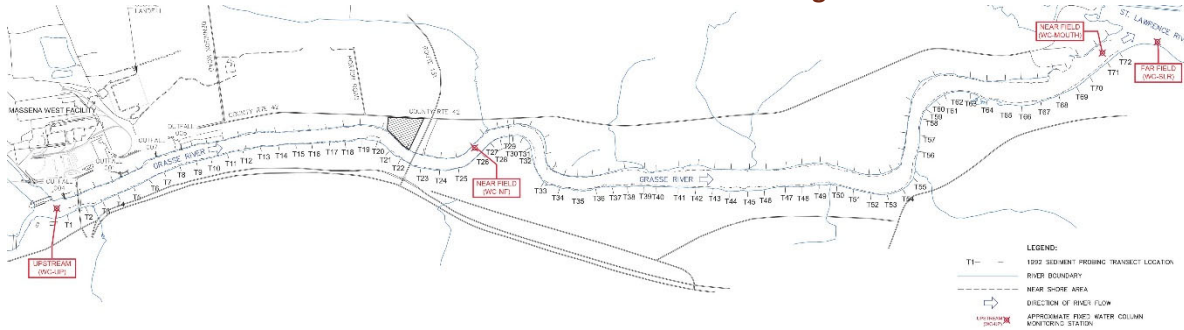
NA = Data not collected or recorded

Total PCBs (micrograms per cubic meter)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.

Water Column Monitoring Locations



2019 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
June 1	All Below	Below Detectable Levels	5.2	10.8	Below Detectable Levels	--
June 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 5	All Below	Below Detectable Levels	10.8	Below Detectable Levels	Below Detectable Levels	--
June 6	All Below	4.4	8.4	4.8	Below Detectable Levels	--
June 7	All Below	13.6	18.4	5.2	4.0	--
June 8	All Below	13.6	17.2	7.6	8.4	--
June 10	All Below	Below Detectable Levels	22.0	Below Detectable Levels	Below Detectable Levels	--
June 11	All Below	4.8	9.2	4.8	4.8	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
June 12	All Below	6.0	6.0	Below Detectable Levels	Below Detectable Levels	--
June 13	All Below	4.0	13.2	4.4	Below Detectable Levels	--
June 14	All Below	4.0	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 15	All Below	4.0	9.6	4.8	5.6	--
June 17	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--
June 18	All Below	Below Detectable Levels	5.6	Below Detectable Levels	Below Detectable Levels	--
June 19	All Below	Below Detectable Levels	6.8	Below Detectable Levels	Below Detectable Levels	--
June 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 21	All Below	8.4	8.0	Below Detectable Levels	Below Detectable Levels	--
June 22	All Below	26.0	16.4	5.2	Below Detectable Levels	--
June 24	All Below	9.2	7.6	Below Detectable Levels	Below Detectable Levels	--
June 25	All Below	4.4	5.2	Below Detectable Levels	Below Detectable Levels	--
June 26	All Below	Below Detectable Levels	8.0	Below Detectable Levels	Below Detectable Levels	--
June 27	All Below	Below Detectable Levels	5.2	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
June 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 29	All Below	Below Detectable Levels	4.4	6.0	Below Detectable Levels	--

Total Suspended Solids (TSS; milligrams per liter)

TSS values in parentheses represent an additional NF station sampled closer to the upstream work platform.

2019 Water Column PCB Data

(Corrective Action Level at WC-SLR = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
June 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 10	All Below	Below Detectable Levels	Below Detectable Levels	0.280000	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
June 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
June 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data (Corrective Action Level = 25 NTU above Baseline Level)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 1	All Below	0.4	1.1	0.3	--
June 3	All Below	0.3	0.9	0.4	--
June 4	All Below	0.4	1.4	0.4	--
June 5	All Below	0.8	0.9	0.2	--
June 6	All Below	0.8	1.4	0.7	--
June 7	All Below	0.5	1.5	0.5	--
June 8	All Below	0.5	2.0	0.7	--
June 10	All Below	0.3	4.3	3.2	--
June 11	All Below	0.5	0.9	0.3	--
June 12	All Below	0.3	1.6	0.9	--
June 13	All Below	0.5	1.5	0.5	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 14	All Below	0.4	0.7	0.1	--
June 15	All Below	1.5	1.7	1.7	--
June 17	All Below	0.7	2.4	0.4	--
June 18	All Below	0.8	2.3	1.2	--
June 19	All Below	0.3	2.1	1.0	--
June 20	All Below	0.7	1.9	1.5	--
June 21	All Below	0.5	1.6	0.7	--
June 22	All Below	0.8	3.2	2.4	--
June 24	All Below	0.3	2.1	0.3	--
June 25	All Below	0.2	1.1	0.2	--
June 26	All Below	0.2	2.1	0.3	--
June 27	All Below	1.6	1.1	0.6	--
June 28	All Below	0.2	2.2	1.5	--
June 29	All Below	3.0	3.0	0.3	--

NA = Data not collected or recorded

Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

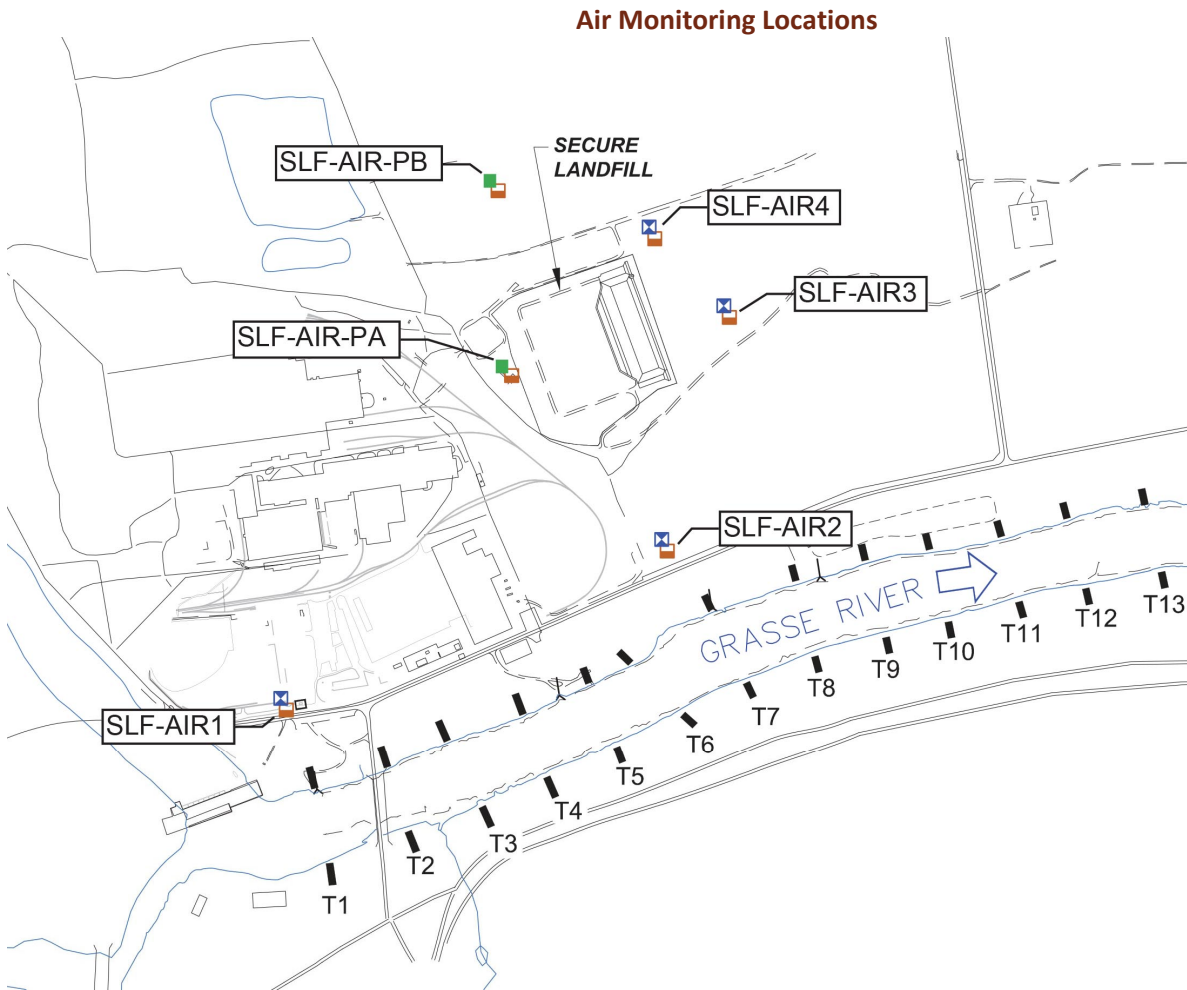
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

July 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data

(Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 1	All Below	0.0154	0.0205	0.0232	0.0235	NA	NA	--
July 2	All Below	0.0173	0.014	0.0243	0.0249	0.025	0.01	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 3	All Below	0.0507	0.0487	0.0667	0.0683	0.047	0.0624	--
July 4	All Below	0.0536	0.0785	0.0776	0.0857	0.0713	0.0687	--
July 5	All Below	0.0387	0.0603	0.0618	0.0651	NA	NA	--
July 6	All Below	0.0355	0.0385	0.0465	0.0473	NA	NA	--
July 7	All Below	0.0742	0.0675	0.0962	0.0956	--	--	--
July 8	All Below	0.0237	0.0238	0.0215	0.0259	NA	NA	--
July 9	All Below	0.0193	0.0228	0.0288	0.0327	0.0177	0.434	--
July 10	All Below	0.0329	0.0301	0.0418	0.0417	0.0394	0.0323	--
July 11	All Below	0.0371	0.0567	0.043	0.0442	0.0431	0.0286	--
July 12	All Below	0.0415	0.0464	0.0475	0.0493	0.0444	NA	--
July 13	All Below	0.0478	0.0511	0.0562	0.057	0.0767	0.0506	--
July 14	All Below	0.03	0.0343	0.0393	0.04	0.0363	0.0391	--
July 15	All Below	0.0185	0.0206	0.0217	0.022	NA	NA	--
July 16	All Below	0.0312	0.0249	0.0945	0.1727	0.0329	0.056	--
July 17	All Below	0.0217	0.0167	0.0737	0.0303	0.0177	0.0265	--
July 18	All Below	0.0249	0.0307	0.0315	0.0327	0.0298	0.0337	--
July 19	All Below	0.0186	0.0259	0.0201	0.0267	0.0276	0.0341	--
July 20	All Below	0.0282	0.0292	0.036	0.0369	0.0294	0.0367	--
July 21	All Below	0.0469	0.0319	0.0592	0.0584	0.0388	0.0576	--
July 22	All Below	0.0183	0.0205	0.0243	0.025	NA	NA	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 23	All Below	0.0174	0.029	0.0183	0.0237	0.023	0.0229	--
July 24	All Below	0.0217	0.0393	0.0269	0.0293	0.0231	0.0251	--
July 25	All Below	0.0174	0.0697	0.0243	0.0246	0.0214	0.0187	--
July 26	All Below	0.0325	0.0523	0.0432	0.0414	0.035	0.0388	--
July 27	All Below	0.0431	0.0607	0.0609	0.0693	0.0547	0.1001	--
July 28	All Below	0.044	0.0435	0.0574	0.0608	0.0515	0.0554	--
July 29	All Below	0.0463	0.0722	0.0591	0.0625	--	--	--
July 30	All Below	0.041	0.0461	0.0553	0.0657	0.0989	0.0851	--
July 31	All Below	0.0316	0.0385	0.042	0.0413	0.0359	0.0399	--

NA = Data not collected

Particulates (milligrams per cubic meter)

**2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)**

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 1	All Below	1.0211	0.1379	0.1887	0.5919	NA	NA	--
July 2	All Below	0.9537	0.1255	0	0.6988	1.1071	0.013	--
July 3	All Below	12.114	0.1224	0	0.7723	1.0041	1.9294	SLF-AIR1 levels not related to field activities.
July 4	All Below	2.1451	0.2152	0.0584	0.9769	0	0.7871	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 5	All Below	1.201	0.1732	0	0.9763	--	--	--
July 6	All Below	16.181	0.1483	0	0.7642	--	--	SLF-AIR1 levels not related to field activities.
July 7	All Below	0.2885	0.2539	0.1521	0.624	--	--	--
July 8	All Below	2.8124	0.0685	0.0691	0.4919	--	--	--
July 9	All Below	4.7582	0.0888	0.0279	0.5643	1.4187	2.7716	--
July 10	All Below	0.2514	0.1573	0.1618	0.635	0	0.2406	--
July 11	All Below	26.29	0.1314	0.1119	0.7342	0.0231	0.1862	SLF-AIR1 levels not related to field activities.
July 12	All Below	6.7729	0.1681	0.0513	0.5395	0.0151	NA	SLF-AIR1 levels not related to field activities.
July 13	All Below	1.1016	0.1191	0.1699	0.3371	NA	0.1923	--
July 14	All Below	0.2163	0.1468	0.1765	0.3961	NA	0.3293	--
July 15	All Below	0.6327	0.1353	0.1318	0.2569	NA	NA	--
July 16	All Below	5.9888	0.1113	0.0641	0.4386	1.3209	3.9221	SLF-AIR1 levels not related to field activities.
July 17	All Below	0.7561	0.0983	0.0138	0.3596	0.0438	0.1393	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 18	All Below	2.6136	0.164	0.2512	0.4045	0.1099	1.3189	--
July 19	All Below	2.4073	0.1258	0.2417	0.4216	0.2499	0.4582	--
July 20	All Below	0.7803	0.0858	0.0653	0.4142	0.0737	0.1678	--
July 21	All Below	0.1863	0.1649	0.0614	0.4221	0.0403	0.1803	--
July 22	All Below	0	0.2223	0.313	0.2221	NA	NA	--
July 23	All Below	6.0329	0.0284	0.0981	0.0197	0.0323	2.4381	SLF-AIR1 levels not related to field activities.
July 24	All Below	6.7084	0.0515	0.0419	0.6239	0.2296	0.588	SLF-AIR1 levels not related to field activities.
July 25	All Below	41.536	0.0395	0.0004	0.3805	0.2105	0.6082	SLF-AIR1 levels not related to field activities.
July 26	All Below	0.0183	0.1107	0.0877	0.3788	0.0003	0.2778	--
July 27	All Below	1.3438	0.1067	0.1551	0.3848	0.2933	0.5947	--
July 28	All Below	1.5025	0.1265	0.1627	0.4091	0.3044	0.8783	--
July 29	All Below	5.8665	0.2204	0.0069	0.1706	--	--	SLF-AIR1 levels not related to field activities.
July 30	All Below	1.0973	0.2271	0.0702	0.3603	1.189	0	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 31	All Below	4.2035	0.0671	0.0297	0.2716	0.2189	1.9037	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 1	All Below	0.000650	0.007600	0.018000	0.007700	--	--	--
July 2	All Below	0.000350	0.001800	0.200000	0.017000	Below Detectable Levels	--	SLF-AIR3 - Construction Work Review/Evaluation Performed
July 3	All Below	0.000630	0.002100	0.260000	0.019000	Below Detectable Levels	Below Detectable Levels	SLF-AIR3 - Construction Work Review/Evaluation Performed
July 4	All Below	0.003800	0.003300	0.130000	0.075000	Below Detectable Levels	Below Detectable Levels	SLF-AIR3 - Construction Work Review/Evaluation Performed
July 5	All Below	0.004300	0.006300	0.037000	0.025000	--	--	--
July 6	All Below	0.001200	0.002800	0.110000	0.065000	--	--	SLF-AIR3 - Construction Work Review/Evaluation Performed
July 7	All Below	0.003200	0.003400	0.021000	0.002300	--	--	--
July 8	All Below	0.001700	0.002900	0.004400	0.003300	--	--	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
July 9	All Below	0.001800	0.002300	0.055000	0.032000	Below Detectable Levels	Below Detectable Levels	--
July 10	All Below	0.000910	0.001200	0.061000	0.052000	Below Detectable Levels	Below Detectable Levels	--
July 11	All Below	0.003100	0.001300	0.031000	0.013000	Below Detectable Levels	Below Detectable Levels	--
July 12	All Below	0.002900	0.002900	0.031000	0.037000	Below Detectable Levels	0.037000	--
July 13	All Below	0.000430	0.003600	0.044000	0.036000	Below Detectable Levels	Below Detectable Levels	--
July 14	All Below	0.000630	0.002200	0.120000	0.018000	Below Detectable Levels	Below Detectable Levels	SLF-AIR3 - Construction Work Review/Evaluation Performed
July 15	All Below	0.000580	0.002200	0.022000	0.003300	--	--	--
July 16	All Below	0.001100	0.001500	0.044000	0.003300	Below Detectable Levels	Below Detectable Levels	--
July 17	All Below	0.000420	0.002100	0.072000	0.014000	Below Detectable Levels	--	--
July 18	All Below	0.003400	0.003200	0.055000	0.009300	0.029000	Below Detectable Levels	--
July 19	All Below	0.001600	0.000830	0.001700	0.026000	Below Detectable Levels	Below Detectable Levels	--
July 20	All Below	0.000320	0.002500	0.200000	0.005900	--	Below Detectable Levels	SLF-AIR3 - Construction Work Review/Evaluation Performed
July 21	All Below	0.000510	0.002500	0.120000	0.013000	--	--	SLF-AIR3 - Construction Work

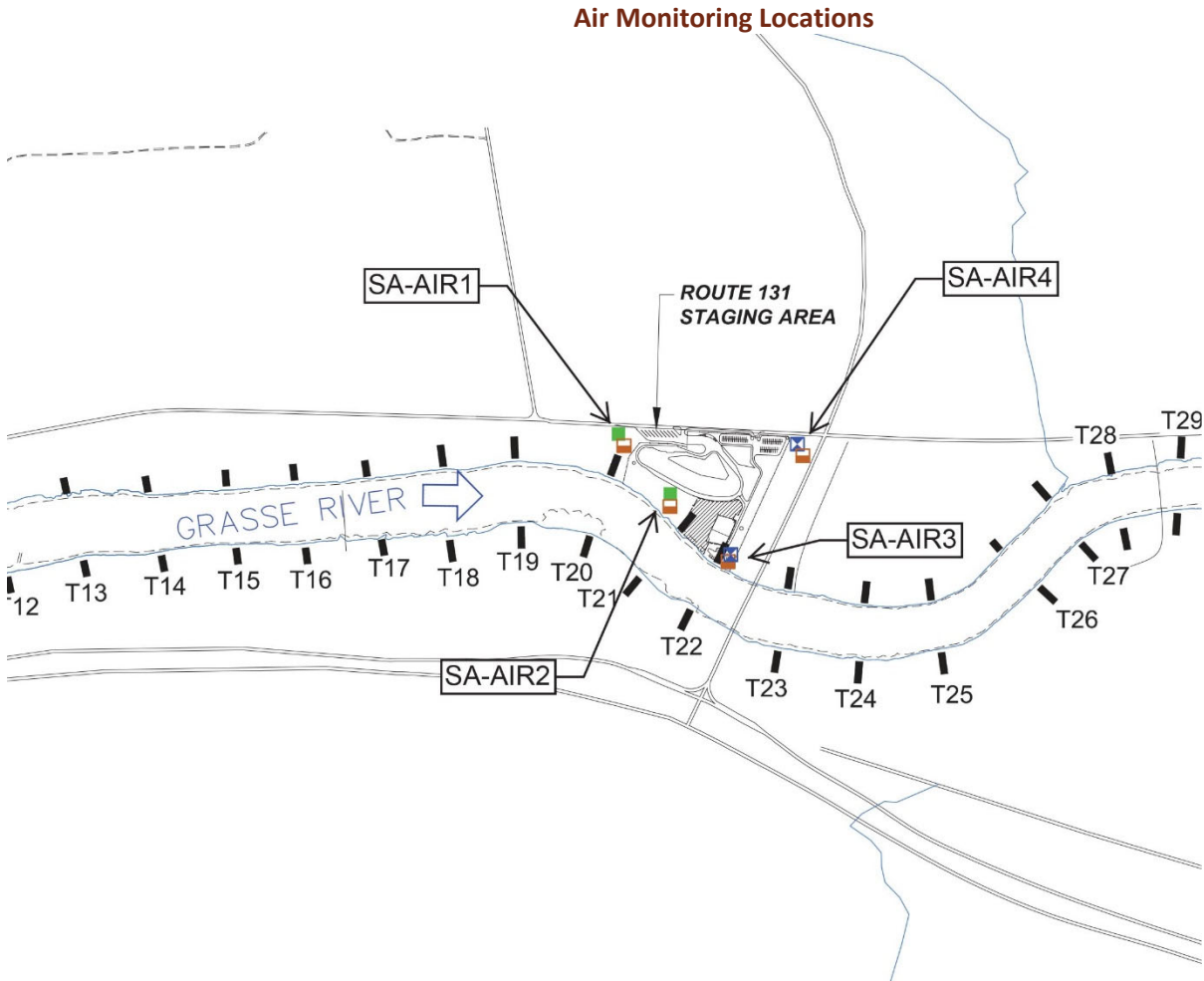
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
								Review/Evaluation Performed
July 22	All Below	0.001100	0.003800	0.008300	0.001500	--	--	--
July 23	All Below	0.001900	0.003200	0.008400	0.003000	0.006000	Below Detectable Levels	--
July 24	All Below	0.004100	0.014400	0.007900	0.004200	Below Detectable Levels	Below Detectable Levels	--
July 25	All Below	0.002500	0.008700	0.005400	0.002000	Below Detectable Levels	Below Detectable Levels	--
July 26	All Below	0.001100	0.001400	0.065000	0.022000	Below Detectable Levels	Below Detectable Levels	--
July 27	All Below	0.001300	0.001200	0.025000	0.023000	Below Detectable Levels	Below Detectable Levels	--
July 28	All Below	0.000550	0.001800	0.029000	0.030000	Below Detectable Levels	Below Detectable Levels	--
July 29	All Below	0.000490	0.001700	0.047000	0.037000	--	--	--
July 30	All Below	0.000420	0.002200	0.045000	0.054000	Below Detectable Levels	Below Detectable Levels	--
July 31	All Below	0.000390	0.002700	0.058000	0.013000	Below Detectable Levels	Below Detectable Levels	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 1	All Below	0.0241	0.0242	0.0259	0.0232	--
July 2	All Below	0.0177	0.0123	0.0385	0.0243	--
July 3	All Below	0.0545	0.0407	0.0248	0.0549	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 4	All Below	0.0533	0.0549	0.0601	0.1429	SA-AIR4 levels not related to field activities.
July 5	All Below	0.0533	0.0524	0.0587	0.0577	--
July 6	All Below	0.0411	0.1365	0.0434	0.047	SA-AIR2 levels not related to field activities.
July 7	All Below	0.0901	0.0653	0.0712	0.0797	--
July 8	All Below	0.017	0.0119	0.0149	0.0122	--
July 9	All Below	0.021	0.0177	0.0193	0.0199	--
July 10	All Below	0.0315	0.0242	0.0375	0.0344	--
July 11	All Below	0.0407	0.0361	0.0345	0.0404	--
July 12	All Below	0.0654	0.059	0.039	0.0471	--
July 13	All Below	0.045	0.0339	0.0503	0.0493	--
July 14	All Below	0.0321	0.0265	0.0328	0.0331	--
July 15	All Below	0.0198	0.0155	0.0205	0.0186	--
July 16	All Below	0.0211	0.0157	0.0249	0.0216	--
July 17	All Below	0.0237	0.0144	0.0173	0.0304	--
July 18	All Below	0.0259	0.0233	0.0346	0.0345	--
July 19	All Below	0.0369	0.0506	0.0435	0.0293	--
July 20	All Below	0.0347	0.0241	0.0357	0.0356	--
July 21	All Below	0.0554	0.0364	0.0421	0.0574	--
July 22	All Below	0.0192	0.0245	0.0152	0.021	--
July 23	All Below	0.0189	0.0765	0.0185	0.0173	--
July 24	All Below	0.0261	0.0208	0.0249	0.0225	--
July 25	All Below	0.0305	0.0259	0.0262	0.0371	--
July 26	All Below	0.0506	0.0871	0.0394	0.0351	--
July 27	All Below	0.0505	0.0696	0.0479	0.0434	--
July 28	All Below	0.0528	0.0409	0.0481	0.0448	--
July 29	All Below	0.0511	0.0445	0.0538	0.0514	--
July 30	All Below	0.0505	0.0361	0.0428	0.043	--
July 31	All Below	0.0403	0.0277	0.0334	0.0444	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 1	All Below	0	0.2729	0.4476	0	--
July 2	All Below	0	0.2636	0.0026	0	--
July 3	All Below	0	0.2358	0.4625	0	--
July 4	All Below	0	0.3553	0.5643	0	--
July 5	All Below	0	0.6943	0.4138	0	--
July 6	All Below	0	0.5531	0.415	0	--
July 7	All Below	0.1953	0.7764	0.5839	0	--
July 8	All Below	0.1661	1.1972	0.9355	0	--
July 9	All Below	0.0265	0.178	0.7184	0	--
July 10	All Below	0.1343	0.3177	0.3459	0	--
July 11	All Below	0	0	0.3517	0	--
July 12	All Below	0	0.3087	0.9444	0	--
July 13	All Below	0	0.3097	0.6865	19.276	SA-AIR4 levels not related to field activities.
July 14	All Below	0	0.4357	0.5881	18.31	SA-AIR2 levels not related to field activities.
July 15	All Below	0.1298	0.5677	0.6708	1.2945	--
July 16	All Below	0.1715	0.3289	0.3271	0.4937	--
July 17	All Below	0	0	0.0229	0.2129	--
July 18	All Below	0.1244	--	0.8906	4.701	--
July 19	All Below	0	--	0.3704	3.2241	--
July 20	All Below	0	0	0.1925	2.7331	--
July 21	All Below	0	0	0.0803	2.418	--
July 22	All Below	0.3429	0.0772	0	7.443	SA-AIR4 Levels not related to

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
						field activities.
July 23	All Below	0.156	1.1623	0.6904	21.537	SA-AIR4 Levels not related to field activities.
July 24	All Below	0.2685	0.2971	0.4376	0.8541	--
July 25	All Below	0.0728	0.0093	0.5551	0.8467	--
July 26	All Below	0.0263	0.005	0.1399	0.0146	--
July 27	All Below	0.2231	0.3488	0.7827	0.0146	--
July 28	All Below	0	0	0.1724	0	--
July 29	All Below	0	0.0371	0	1.0849	--
July 30	All Below	0.0763	0.0085	0.167	13.035	-SA-AIR4 Levels not related to field activities.
July 31	All Below	0.4695	0.4119	2.4085	6.9299	SA-AIR4 Levels not related to field activities.

NA = Data not collected or recorded
 Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 1	All Below	Below Detectable Levels	Below Detectable Levels	0.019800	0.001400	--
July 2	All Below	Below Detectable Levels	Below Detectable Levels	0.009500	0.010700	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 3	All Below	Below Detectable Levels	Below Detectable Levels	0.062000	0.007500	--
July 4	All Below	Below Detectable Levels	0.015000	0.033000	0.008800	--
July 5	All Below	Below Detectable Levels	Below Detectable Levels	0.005900	0.002300	--
July 6	All Below	Below Detectable Levels	Below Detectable Levels	0.002600	0.008200	--
July 7	All Below	Below Detectable Levels	Below Detectable Levels	0.003000	0.001500	--
July 8	All Below	Below Detectable Levels	Below Detectable Levels	0.002300	0.000640	--
July 9	All Below	Below Detectable Levels	Below Detectable Levels	0.024000	0.004300	--
July 10	All Below	Below Detectable Levels	Below Detectable Levels	0.011000	0.003400	--
July 11	All Below	Below Detectable Levels	Below Detectable Levels	0.002500	0.002800	--
July 12	All Below	Below Detectable Levels	Below Detectable Levels	0.005700	0.003000	--
July 13	All Below	Below Detectable Levels	Below Detectable Levels	0.026000	0.002600	--
July 14	All Below	Below Detectable Levels	Below Detectable Levels	0.006600	0.004300	--
July 15	All Below	Below Detectable Levels	Below Detectable Levels	0.013600	0.001300	--
July 16	All Below	Below Detectable Levels	Below Detectable Levels	0.005100	0.003200	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 17	All Below	Below Detectable Levels	Below Detectable Levels	0.001100	0.004500	--
July 18	All Below	Below Detectable Levels	Below Detectable Levels	0.004000	0.001800	--
July 19	All Below	Below Detectable Levels	Below Detectable Levels	0.001500	0.001600	--
July 20	All Below	Below Detectable Levels	Below Detectable Levels	0.001400	0.000100	--
July 21	All Below	Below Detectable Levels	Below Detectable Levels	0.001000	0.001300	--
July 22	All Below	Below Detectable Levels	Below Detectable Levels	0.001200	0.001100	--
July 23	All Below	Below Detectable Levels	Below Detectable Levels	0.001400	0.001850	--
July 24	All Below	Below Detectable Levels	Below Detectable Levels	0.085000	0.001900	--
July 25	All Below	Below Detectable Levels	Below Detectable Levels	0.039000	0.001500	--
July 26	All Below	Below Detectable Levels	Below Detectable Levels	0.007600	0.013000	--
July 27	All Below	Below Detectable Levels	Below Detectable Levels	0.007800	0.002300	--
July 28	All Below	Below Detectable Levels	Below Detectable Levels	0.002500	0.004100	--
July 29	All Below	Below Detectable Levels	Below Detectable Levels	0.003300	0.002600	--
July 30	All Below	Below Detectable Levels	Below Detectable Levels	0.002800	0.003600	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
July 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
July 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

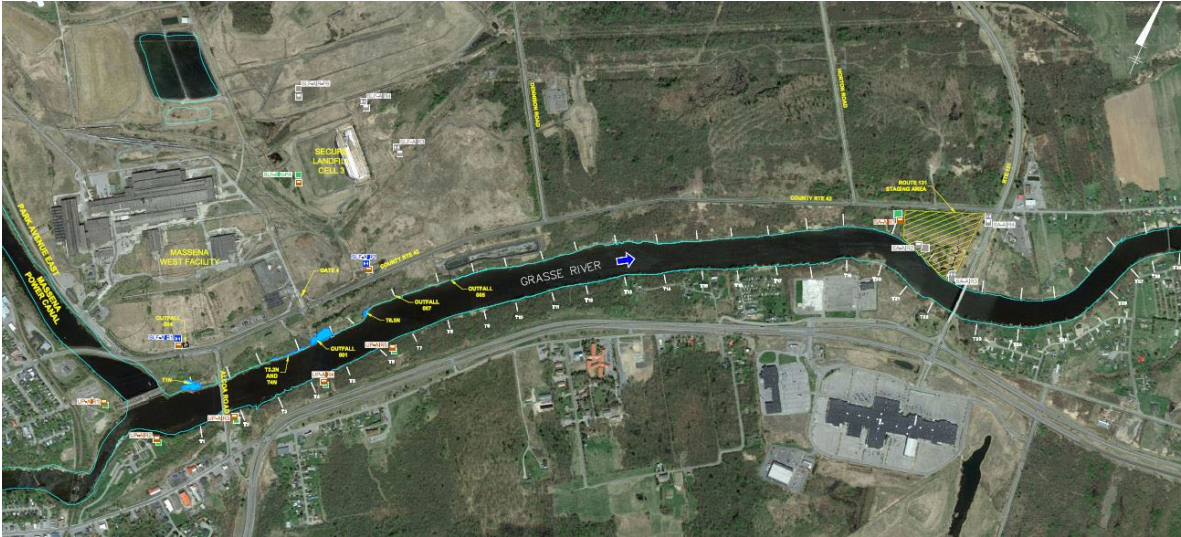
NA = Data not collected or recorded

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 Soil Removal Areas Along the North Shore

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.

Air Monitoring Locations



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
July 2	All Below	0.0182	0.0155	0.0205	--	0.0234	0.0173	0.014	0.025	0.0177	--
July 3	All Below	0.0538	0.0391	0.0584	--	0.0621	0.0507	0.0487	0.047	0.0545	--
July 4	All Below	0.0705	0.0583	0.0696	--	0.0823	0.0536	0.0785	0.0713	0.0533	--
July 9	All Below	0.0216	0.0194	0.0771	--	0.099	0.0193	0.0228	0.0177	0.021	--
July 10	All Below	0.0405	0.0229	0.0363	--	0.0269	0.0329	0.0301	0.0394	0.0315	--
July 11	All Below	0.0391	0.0281	0.0385	--	0.0317	0.0371	0.0567	0.0431	0.0407	--
July 12	All Below	0.0393	0.0273	0.0423	--	0.0329	0.0415	0.0434	0.0444	0.0654	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
July 13	All Below	0.0488	0.0381	0.054	--	0.073	0.0478	0.0511	0.0767	0.045	--
July 16	All Below	0.0276	0.0238	0.0284	--	0.0338	0.0312	0.0249	0.0329	0.0211	--
July 17	All Below	0.043	0.014	0.0238	--	0.0137	0.0217	0.0167	0.0177	0.0237	--
July 18	All Below	0.0267	0.0155	0.0291	--	0.0159	0.0249	0.0307	0.0298	0.0259	--
July 19	All Below	0.0203	0.0202	0.0294	--	0.0146	0.0186	0.0259	0.0276	0.0369	--
July 20	All Below	0.0254	0.0212	0.0311	--	0.0141	0.0282	0.0292	0.0294	0.0347	--
July 23	All Below	0.0243	0.02	0.183	--	0.0052	0.0174	0.029	0.023	0.0189	--
July 24	All Below	0.0223	0.0283	0.0349	--	0.0109	0.0217	0.0393	0.0231	0.0261	--
July 25	All Below	0.0223	0.0227	0.0213	--	0.0142	0.0174	0.0697	0.0214	0.0305	--
July 26	All Below	0.0344	0.0329	0.0383	--	0.029	0.0325	0.0523	0.035	0.0506	--
July 27	All Below	0.0503	0.0421	0.053	--	0.0483	0.0431	0.0607	0.0547	0.0505	--
July 30	All Below	0.0553	0.0547	0.1272	--	0.0777	0.041	0.0461	0.0989	0.0505	--
July 31	All Below	0.0329	0.0321	0.0361	--	0.0171	0.0316	0.0385	0.0359	0.0403	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data (Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
July 2	All Below	0	0	0.0295	--	0.0632	0.9537	0.1255	1.1071	0	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
July 3	All Below	0	0	0.1986	--	0.0667	12.114	0.1224	1.0041	0	SLF-AIR1 levels not related to field activities.
July 4	All Below	0	0.1891	0.2469	--	0.077	2.1451	0.2152	0	0	--
July 9	All Below	8.572	0.9565	0.2125	--	0.0859	4.7582	0.0888	1.4187	0.0265	SLF-AIR1 levels not related to field activities.
July 10	All Below	0	0.3285	0.1059	--	0.017	0.2514	0.1573	0	0.1343	--
July 11	All Below	0	0	0.2595	--	0.0357	26.29	0.1314	0.0231	0	SLF-AIR1 levels not related to field activities.
July 12	All Below	0	0	7.3987	--	0.0167	6.7729	0.1681	0.0151	0	UP-AIR3 and SLF-AIR1 levels not related to field activities.
July 13	All Below	0	0	0.0215	--	0	1.1016	0.1191	--	0	--
July 16	All Below	0	0	9.9554	--	0.0601	5.9888	0.1113	1.3209	0.1715	SLF-AIR1 levels not related to field activities.
July 17	All Below	0	0	0.02	--	0	0.7561	0.0983	0.0438	0	--
July 18	All Below	0	0	0.2175	--	0	2.6136	0.164	0.1099	0.1244	--
July 19	All Below	0	0	0.2557	--	0.0119	2.4073	0.1258	0.2449	0	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
July 20	All Below	0	0	0.2195	--	0	0.7803	0.0858	0.0737	0	--
July 23	All Below	0	0	0.4175	--	0.0207	6.0329	0.0284	0.0323	0.156	SLF-AIR1 levels not related to field activities.
July 24	All Below	0	0	0.3462	--	0.0229	6.7084	0.0515	0.2296	0.2685	SLF-AIR1 levels not related to field activities.
July 25	All Below	0	0	0.1506	--	0.0058	41.536	0.0395	0.2105	0.0728	SLF-AIR1 levels not related to field activities.
July 26	All Below	0	0	0.2499	--	0.0111	0.0183	0.1107	0.0003	0.0263	--
July 27	All Below	0	0	0.4404	--	0.0266	1.3438	0.1067	0.2933	0.2231	--
July 30	All Below	0	0	0.4579	--	0.0125	1.0973	0.2271	1.189	0.0763	--
July 31	All Below	0	0	0.2905	--	0	4.2035	0.0671	0.2189	0.4695	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
July 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000350	0.001800	Below Detectable Levels	Below Detectable Levels	--

July 3	All Below	Below Detectable Levels	Below Detectable Levels	0.014000	--	0.019000	0.000630	0.002100	Below Detectable Levels	Below Detectable Levels	--
July 4	All Below	0.025000	0.011000	0.015000	--	0.009000	0.003800	0.003300	Below Detectable Levels	Below Detectable Levels	--
July 9	All Below	0.009000	0.092000	0.009000	--	0.002000	0.001800	0.002300	Below Detectable Levels	Below Detectable Levels	--
July 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.001800	0.002300	Below Detectable Levels	Below Detectable Levels	--
July 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.000910	0.001200	Below Detectable Levels	Below Detectable Levels	--
July 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	0.002900	0.002900	Below Detectable Levels	Below Detectable Levels	--
July 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	--	0.000430	0.003600	Below Detectable Levels	Below Detectable Levels	--
July 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.001100	0.001500	Below Detectable Levels	Below Detectable Levels	--
July 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.000420	0.002100	Below Detectable Levels	Below Detectable Levels	--
July 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.003400	0.003200	0.029000	Below Detectable Levels	--
July 19	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	Below Detectable Levels	0.001600	0.000830	Below Detectable Levels	--
July 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.000320	0.002500	--	Below Detectable Levels	--
July 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.000019	0.003200	0.006000	Below Detectable Levels	--
July 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.004100	0.014400	Below Detectable Levels	Below Detectable Levels	--
July 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.002500	0.008700	Below Detectable Levels	Below Detectable Levels	--
July 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels<	0.001100	0.001400	Below Detectable Levels	Below Detectable Levels	--

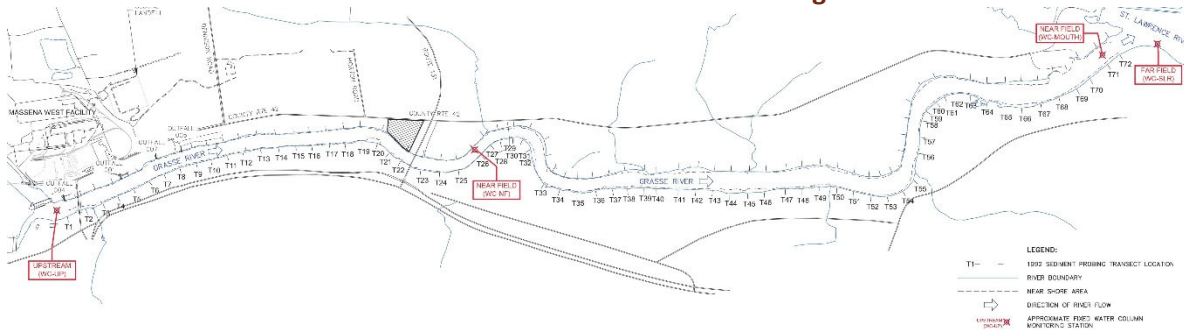
NA = Data not collected or recorded

Total PCBs (micrograms per cubic meter)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.

Water Column Monitoring Locations



2019 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
July 1	All Below	Below Detectable Levels	6.4	4.0	Below Detectable Levels	--
July 2	All Below	5.2	6.0	4.8	Below Detectable Levels	--
July 3	All Below	4.4	7.6	4.4	Below Detectable Levels	--
July 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 9	All Below	Below Detectable Levels	11.2	Below Detectable Levels	Below Detectable Levels	--
July 10	All Below	Below Detectable Levels	7.6	Below Detectable Levels	Below Detectable Levels	--
July 11	All Below	Below Detectable Levels	7.2	Below Detectable Levels	Below Detectable Levels	--
July 12	All Below	Below Detectable Levels	12.8	4.8	Below Detectable Levels	--

July 13	All Below	12.0	8.0	6.4	Below Detectable Levels	--
July 15	All Below	5.6	4.4	Below Detectable Levels	Below Detectable Levels	--
July 16	All Below	Below Detectable Levels	6.4	Below Detectable Levels	Below Detectable Levels	--
July 17	All Below	Below Detectable Levels	8.8	4.4	Below Detectable Levels	--
July 18	All Below	Below Detectable Levels	10.0	4.0	Below Detectable Levels	--
July 19	All Below	Below Detectable Levels	12.0	5.2	Below Detectable Levels	--
July 20	All Below	Below Detectable Levels	14.0	7.2	Below Detectable Levels	--
July 22	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--
July 23	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--
July 24	All Below	Below Detectable Levels	7.6	4.4	4.4	--
July 25	All Below	Below Detectable Levels	11.2	4.4	Below Detectable Levels	--
July 26	All Below	Below Detectable Levels	12.0	4.8	Below Detectable Levels	--
July 27	All Below	Below Detectable Levels	10.8	8.4	Below Detectable Levels	--
July 29	All Below	Below Detectable Levels	5.2	Below Detectable Levels	Below Detectable Levels	--
July 30	All Below	Below Detectable Levels	8.4	5.2	Below Detectable Levels	--

July 31	All Below	Below Detectable Levels	4.8	5.6	Below Detectable Levels	--
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Total Suspended Solids (TSS; milligrams per liter)

TSS values in parentheses represent an additional NF station sampled closer to the upstream work platform.

2019 Water Column PCB Data
(Corrective Action Level at WC-SLR = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
July 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 3	All Below	0.900000	Below Detectable Levels	Below Detectable Levels	Construction Work Review/Evaluation Performed
July 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 9	All Below	0.410000	0.087000	Below Detectable Levels	--
July 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 13	All Below	0.120000	0.100000	Below Detectable Levels	--
July 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 16	All Below	0.070000	0.110000	Below Detectable Levels	--
July 17	All Below	0.082000	0.071000	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
July 18	All Below	0.096000	0.074000	Below Detectable Levels	--
July 19	All Below	0.096000	0.100000	Below Detectable Levels	--
July 20	All Below	0.110000	0.081000	Below Detectable Levels	--
July 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 24	All Below	0.068000	Below Detectable Levels	Below Detectable Levels	--
July 25	All Below	0.097000	Below Detectable Levels	Below Detectable Levels	--
July 26	All Below	0.140000	0.089000	Below Detectable Levels	--
July 27	All Below	0.110000	0.140000	Below Detectable Levels	--
July 29	All Below	0.640000	Below Detectable Levels	Below Detectable Levels	--
July 30	All Below	0.120000	Below Detectable Levels	Below Detectable Levels	--
July 31	All Below	0.079000	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data (Corrective Action Level = 25 NTU above Baseline Level)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 1	All Below	1.2	2.3	1.0	--
July 2	All Below	0.2	2.4	0.6	--
July 3	All Below	1.0	1.2	0.9	--
July 8	All Below	0.7	1.5	0.3	--
July 8	All Below	0.7	1.5	0.3	--
July 9	All Below	0.5	2.9	0.3	--
July 10	All Below	0.5	3.0	0.3	--
July 11	All Below	0.4	0.8	0.4	--
July 12	All Below	0.8	1.5	0.5	--
July 13	All Below	0.5	1.1	0.5	--
July 15	All Below	0.5	0.9	0.3	--
July 16	All Below	0.4	1.0	0.2	--
July 17	All Below	0.4	1.0	0.3	--
July 18	All Below	1.3	1.2	0.4	--
July 19	All Below	0.5	0.6	0.3	--
July 20	All Below	0.5	0.9	0.5	--
July 22	All Below	0.5	1.3	0.5	--
July 23	All Below	0.8	0.8	0.3	--
July 24	All Below	0.6	0.9	0.2	--
July 25	All Below	0.5	0.9	0.3	--
July 26	All Below	0.4	1.9	0.5	--
July 27	All Below	0.7	1.4	0.3	--
July 29	All Below	0.7	0.5	0.3	--
July 30	All Below	0.3	0.9	0.1	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 31	All Below	0.2	1.2	0.2	--

NA = Data not collected or recorded

Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

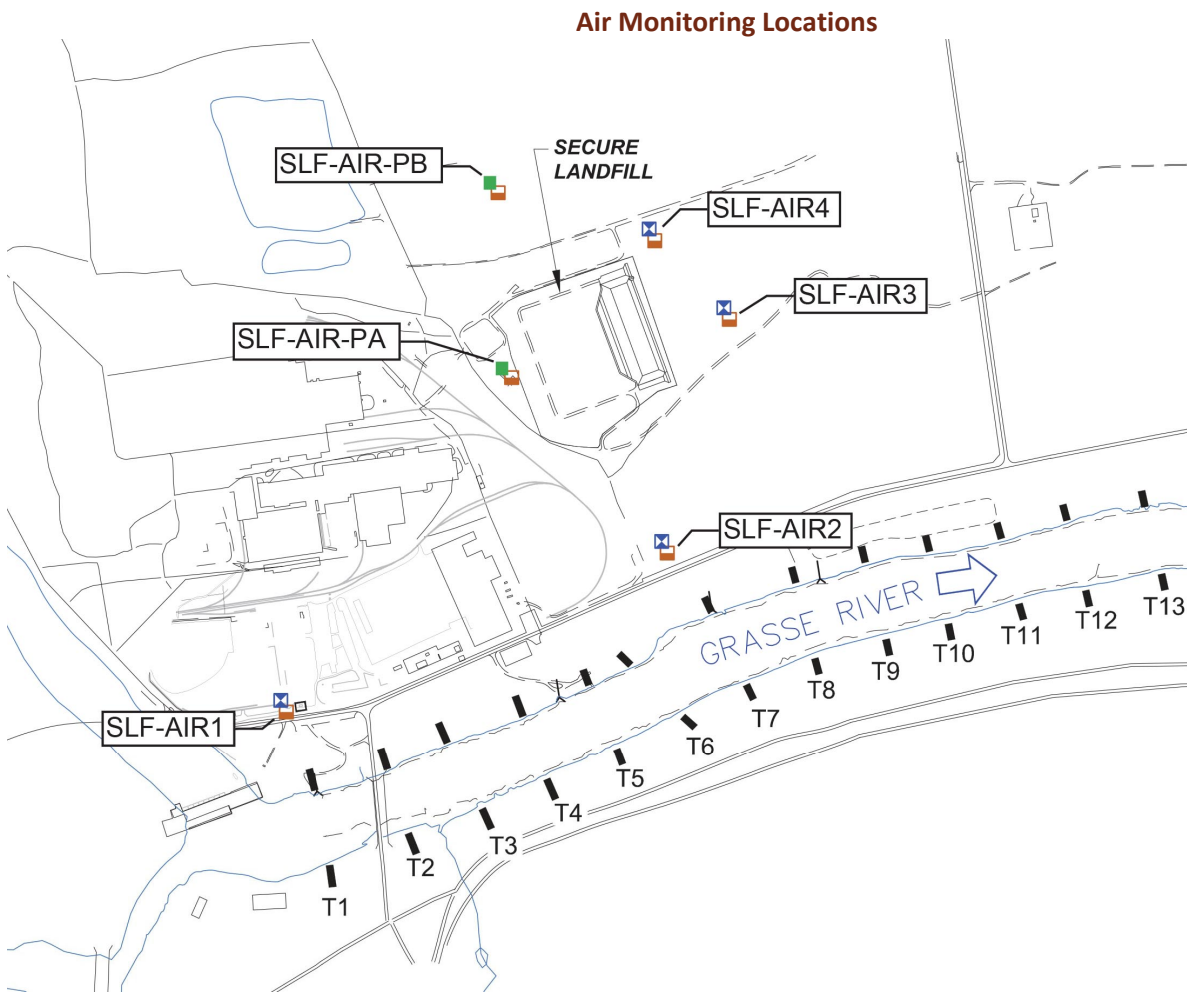
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

August 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data

(Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 1	All Below	0.0231	0.0233	0.0297	0.0316	0.0271	0.0288	--
Aug 2	All Below	0.0235	0.0215	0.0329	0.0378	0.0278	0.0201	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 3	All Below	0.0245	0.0256	0.0291	0.0296	0.0203	0.0229	--
Aug 4	All Below	0.0226	0.0182	0.0291	0.0296	0.0203	0.0229	--
Aug 5	All Below	0.0287	0.0334	0.0319	0.0355	NA	NA	--
Aug 6	All Below	0.0203	0.0308	0.0255	0.0273	0.033	0.0345	--
Aug 7	All Below	0.0292	0.0195	0.0394	0.0414	0.0275	0.033	--
Aug 8	All Below	0.0405	0.0287	0.043	0.0486	0.0454	0.0584	--
Aug 9	All Below	0.03	0.0275	0.0404	0.0396	0.0329	0.0391	--
Aug 10	All Below	0.0133	0.0117	0.0173	0.0177	0.0098	0.0155	--
Aug 11	All Below	0.0126	0.0117	0.0144	0.0214	0.0173	0.0184	--
Aug 12	All Below	0.014	0.0093	0.0201	0.0199	NA	NA	--
Aug 13	All Below	0.0263	0.0169	0.0299	0.0309	0.0278	0.0287	--
Aug 14	All Below	0.0266	0.019	0.0301	0.031	0.0295	0.0309	--
Aug 15	All Below	0.0163	0.0145	0.0175	0.0471	0.0099	0.0115	--
Aug 16	All Below	0.0105	0.0086	0.0175	0.0175	0.0117	0.0119	--
Aug 17	All Below	0.0247	0.0356	0.034	0.0324	0.0308	0.0312	--
Aug 18	All Below	0.0241	0.0185	0.0319	0.0385	0.0285	0.0613	--
Aug 19	All Below	0.0267	0.0223	0.0321	0.0348	NA	NA	--
Aug 20	All Below	0.0179	0.0167	0.0245	0.0242	0.0367	0.0312	--
Aug 21	All Below	0.015	0.0171	0.0263	0.0234	0.0164	0.0178	--
Aug 22	All Below	0.0189	0.0157	0.0239	0.023	0.0219	0.0265	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 23	All Below	0.0105	0.0137	0.022	0.0207	0.0176	0.0191	--
Aug 24	All Below	0.0091	0.0082	0.0116	0.0105	0.0105	0.0103	--
Aug 25	All Below	0.0157	0.0316	0.0321	0.0239	0.0427	0.0219	--
Aug 26	All Below	0.0243	0.0244	0.0297	0.0355	--	--	--
Aug 27	All Below	0.0201	0.0111	0.0299	0.0261	0.0368	0.0364	--
Aug 28	All Below	0.0601	0.0083	0.0189	0.0183	0.0112	0.0124	--
Aug 29	All Below	0.0129	0.0121	0.0155	0.0173	0.0164	0.0173	--
Aug 30	All Below	0.0197	0.0139	0.0197	0.022	0.0211	0.19	--
Aug 31	All Below	0.0114	0.0086	0.0135	0.0155	0.0114	0.0121	--

NA = Data not collected

Particulates (milligrams per cubic meter)

**2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)**

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 1	All Below	1.6699	0.0927	0.3591	0.2322	0.3901	0.3742	--
Aug 2	All Below	2.2731	0.0303	0.1679	0.2975	0.269	0.374	--
Aug 3	All Below	0.4345	0.0663	0.196	0.3093	0.0071	0.0601	--
Aug 4	All Below	0.0155	0.0747	0.1187	0.3057	0.0252	0.6778	--
Aug 5	All Below	2.1419	0.0066	0.0139	0.1851	NA	NA	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 6	All Below	2.2311	0.0035	0.1697	0.2616	0.4869	0.3978	--
Aug 7	All Below	0.1689	0.0237	0.0017	0.3344	0.162	0.4577	--
Aug 8	All Below	0.1692	0	0	0.2819	0.0894	0.7694	--
Aug 9	All Below	0.5041	0.1123	0.1233	0.3327	0.1393	0.7937	--
Aug 10	All Below	0.9845	0.038	0.2523	0.4209	0.2253	0.215	--
Aug 11	All Below	0.2257	0.0265	0.0852	0.1813	0	0.1425	--
Aug 12	All Below	0.23	0.0697	0.1615	0.1944	NA	NA	--
Aug 13	All Below	0.5989	0.0895	0.1033	0.2149	0.0977	0.3925	--
Aug 14	All Below	1.6301	0.1328	0.2406	0.4339	0.1944	0.9477	--
Aug 15	All Below	1.4914	0.0712	0.0006	0.1961	0.0293	0.3716	--
Aug 16	All Below	1.0282	0.0825	NA	0.2126	0.0056	0.3737	--
Aug 17	All Below	0.0667	0.0516	0.0019	0.2619	0.0199	1.0863	--
Aug 18	All Below	0.8225	0.0769	0.1677	0.2822	0.0086	0.5	--
Aug 19	All Below	0.3738	0.0583	0.0098	0.2983	NA	NA	--
Aug 20	All Below	0.2435	0.084	0.4245	0.2637	0.0004	0.3595	--
Aug 21	All Below	0.4519	0.0393	0.0907	0.2625	0.0035	0.1501	--
Aug 22	All Below	1.4735	0.0703	0.0028	0.2782	0.0014	0.2011	--
Aug 23	All Below	0.0513	0.0777	0.3786	0.1979	0.0003	0.3183	--
Aug 24	All Below	0	0.0273	0.3981	0.124	0.0001	0	--
Aug 25	All Below	0	0	0.5387	0.1661	0	0.0616	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 26	All Below	0.7943	0.0364	0.6309	0.2024	--	--	--
Aug 27	All Below	1.5106	0.023	--	--	0.0001	1.0916	--
Aug 28	All Below	0.3286	0.0977	0.0076	0.0482	0	0	--
Aug 29	All Below	0.5652	0.0454	0.1181	0.0471	0.0016	0.2029	--
Aug 30	All Below	0.7129	0.0853	0.3391	0.0968	0	0.0267	--
Aug 31	All Below	0.2711	0.0667	0.3559	0.024	0	0	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 1	All Below	0.000720	0.015700	0.018000	0.002200	Below Detectable Levels	Below Detectable Levels	--
Aug 2	All Below	0.000840	0.001600	0.014500	0.019700	Below Detectable Levels	Below Detectable Levels	--
Aug 3	All Below	0.000440	0.000760	0.011000	0.018000	Below Detectable Levels	Below Detectable Levels	--
Aug 4	All Below	0.000790	0.001880	0.015000	0.001600	Below Detectable Levels	Below Detectable Levels	--
Aug 5	All Below	0.000960	0.001700	0.003100	0.005700	--	--	--
Aug 6	All Below	0.001100	0.001200	0.011000	0.005200	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 7	All Below	0.001300	0.001800	0.026000	0.023000	Below Detectable Levels	Below Detectable Levels	--
Aug 8	All Below	0.002300	0.002000	0.023000	0.012000	Below Detectable Levels	0.006000	--
Aug 9	All Below	0.000380	--	0.062000	0.006400	Below Detectable Levels	Below Detectable Levels	--
Aug 10	All Below	0.000860	0.001600	0.024000	0.003100	Below Detectable Levels	Below Detectable Levels	--
Aug 11	All Below	0.000320	0.003100	0.016500	0.003200	Below Detectable Levels	Below Detectable Levels	--
Aug 12	All Below	0.000240	0.001600	0.014000	0.002600	--	--	--
Aug 13	All Below	0.001200	0.002200	0.016000	0.007000	Below Detectable Levels	Below Detectable Levels	--
Aug 14	All Below	0.001400	0.002300	0.003900	0.001800	0.012000	Below Detectable Levels	--
Aug 15	All Below	0.002900	0.003200	0.002000	0.000890	0.010000	Below Detectable Levels	--
Aug 16	All Below	0.001400	0.000910	0.002100	0.001200	0.013000	Below Detectable Levels	--
Aug 17	All Below	0.001100	0.001100	0.002700	0.002000	Below Detectable Levels	Below Detectable Levels	--
Aug 18	All Below	0.000690	0.001700	0.016000	0.015000	Below Detectable Levels	Below Detectable Levels	--
Aug 19	All Below	0.001400 740	0.000910	0.009900	0.015000	--	--	--
Aug 20	All Below	0.000270	0.000200	0.033000	0.008200	Below Detectable Levels	Below Detectable Levels	--

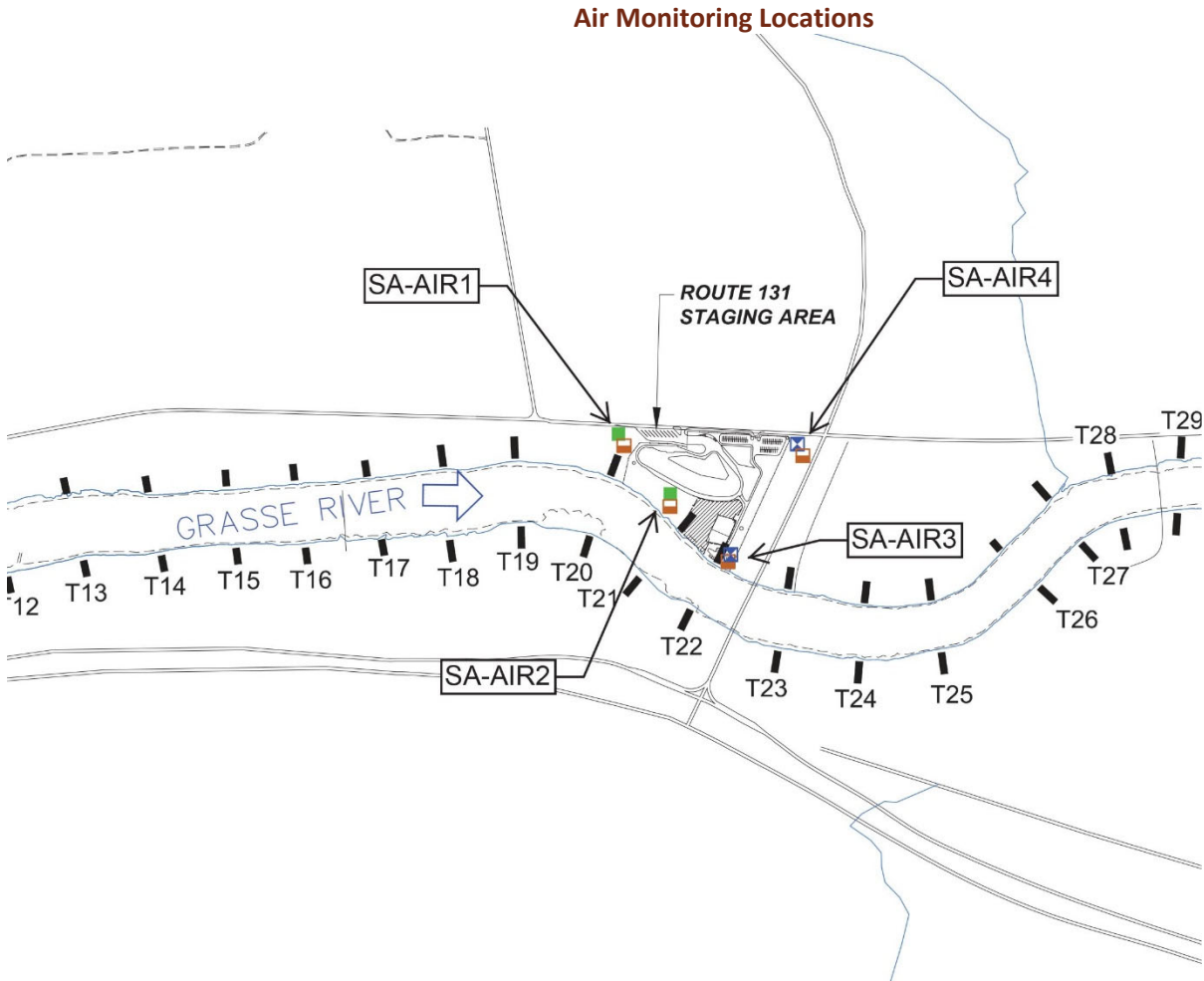
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Aug 21	All Below	0.000740	0.001400	0.016000	0.008000	Below Detectable Levels	Below Detectable Levels	--
Aug 22	All Below	0.000530	0.002100	0.019000	0.023000	Below Detectable Levels	Below Detectable Levels	--
Aug 23	All Below	0.000480	0.001900	0.016000	0.000980	--	--	--
Aug 24	All Below	0.000670	0.027000	0.001200	0.000440	Below Detectable Levels	Below Detectable Levels	--
Aug 25	All Below	0.001800	0.002100	0.002200	0.000850	Below Detectable Levels	Below Detectable Levels	--
Aug 26	All Below	0.001400	0.000960	0.002000	0.000530	--	--	--
Aug 27	All Below	0.000770	0.000820	0.001600	0.000980	Below Detectable Levels	Below Detectable Levels	--
Aug 28	All Below	0.001500	0.016000	0.002500	0.029000	Below Detectable Levels	Below Detectable Levels	--
Aug 29	All Below	0.000630	0.001600	0.012000	0.037000	Below Detectable Levels	Below Detectable Levels	--
Aug 31	All Below	0.000220	0.001787	0.034000	0.004300	Below Detectable Levels	Below Detectable Levels	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Aug 1	All Below	0.0477	0.0193	0.0359	0.0233	--
Aug 2	All Below	0.0259	0.0205	0.0245	0.0183	--
Aug 3	All Below	0.0282	0.0195	0.0351	0.0216	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Aug 4	All Below	0.022	0.0172	0.0191	0.0215	--
Aug 5	All Below	0.0522	0.0319	0.0345	0.0233	--
Aug 6	All Below	0.0208	0.0177	0.0181	0.0199	--
Aug 7	All Below	0.0293	0.0236	0.0365	0.0393	--
Aug 8	All Below	0.0341	0.0329	0.041	0.0392	--
Aug 9	All Below	0.0322	0.0261	0.0381	0.0391	--
Aug 10	All Below	0.0471	0.0086	0.0268	0.0178	--
Aug 11	All Below	0.0093	0.0071	0.0267	0.0069	--
Aug 12	All Below	0.016	0.0112	0.0157	0.013	--
Aug 13	All Below	0.0253	0.0215	0.0248	0.0241	--
Aug 14	All Below	0.0307	0.0288	0.0303	0.0314	--
Aug 15	All Below	0.0147	0.06	0.0086	0.0154	--
Aug 16	All Below	0.0105	0.0171	0.0101	0.0144	--
Aug 17	All Below	0.0339	0.0369	0.0535	0.03	--
Aug 18	All Below	0.0265	0.0201	0.0291	0.0282	--
Aug 19	All Below	0.0249	0.0214	0.0223	0.0266	--
Aug 20	All Below	0.021	0.016	0.0211	0.0293	--
Aug 21	All Below	0.0182	0.0159	0.0243	0.0265	--
Aug 22	All Below	0.0196	0.0157	0.0191	0.0224	--
Aug 23	All Below	0.0173	0.018	0.0171	0.0208	--
Aug 24	All Below	0.0072	0.0047	0.0091	0.0087	--
Aug 25	All Below	0.0244	0.0175	0.0295	0.0171	--
Aug 26	All Below	0.0329	0.0271	0.0358	0.0304	--
Aug 27	All Below	0.0252	0.0336	0.0157	0.0239	--
Aug 28	All Below	0.0127	0.0127	0.0099	0.0174	--
Aug 29	All Below	0.0819	0.08	0.1077	0.0898	SA-AIR3 levels not related to field activities.
Aug 30	All Below	0.011	0.097	0.0182	0.014	--
Aug 31	All Below	0.0127	0.0109	0.0235	0.0439	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Aug 1	All Below	0.7611	4.455	0.5393	18.803	SA-AIR4 levels not related to field activities.
Aug 2	All Below	2.7131	5.3635	0.4345	0.6857	SA-AIR2 levels not related to field activities.
Aug 3	All Below	0.0835	0.3939	0	12.805	SA-AIR4 levels not related to field activities.
Aug 4	All Below	0	2.9162	0	25.409	SA-AIR4 levels not related to field activities.
Aug 5	All Below	0.6186	2.5916	0.1815	0	--
Aug 6	All Below	2.7363	4.2655	0	0	--
Aug 7	All Below	3.0177	5.4564	--	0	SA-AIR2 levels not related to field activities.
Aug 8	All Below	0.4395	0.0285	0.8858	0.0089	--
Aug 9	All Below	0.7009	0.3953	0.4214	0.1621	--
Aug 10	All Below	0.2752	0.2591	0.4013	0.2584	--
Aug 11	All Below	0.6473	0.5095	0.4985	0	--
Aug 12	All Below	0.6138	0.2755	0.3806	0	--
Aug 13	All Below	0.532	0.2635	0.2101	0.3515	--
Aug 14	All Below	2.2531	2.6794	1.2419	9.7789	SA-AIR4 levels not related to field activities.
Aug 15	All Below	2.2766	2.4616	0.0299	24.635	SA-AIR4 levels not

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
						related to field activities.
Aug 16	All Below	0	0.0319	0	3.6383	--
Aug 17	All Below	0	0.0878	0.4113	0.5054	--
Aug 18	All Below	0.17	0.5993	0.8983	2.7689	--
Aug 19	All Below	0.1677	0.6002	0.9531	2.5486	--
Aug 20	All Below	0.1167	0	0.0033	25.8	SA-AIR4 levels not related to field activities.
Aug 21	All Below	0.0737	0	4.348	1.8981	--
Aug 22	All Below	0.4897	0	1.6641	0.0025	--
Aug 23	All Below	0	0	0.3723	1.3786	--
Aug 24	All Below	0.0021	0.	0.4815	0	--
Aug 25	All Below	0.514	0.0153	0.3691	0.3984	--
Aug 26	All Below	0.4762	0.4349	1.8851	0.3109	--
Aug 27	All Below	0.8481	0.6323	1.8467	0.3597	--
Aug 28	All Below	0.0217	0.2887	1.2715	0	--
Aug 29	All Below	0.6529	0.2569	0.0243	0.0001	--
Aug 30	All Below	0.8459	0.7672	1.3161	0.0189	--
Aug 31	All Below	0.6707	0.1532	2.2941	0.4216	--

NA = Data not collected or recorded
Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Aug 1	All Below	Below Detectable Levels	Below Detectable Levels	0.007800	0.001200	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Aug 2	All Below	Below Detectable Levels	Below Detectable Levels	0.004300	0.001650	--
Aug 3	All Below	Below Detectable Levels	Below Detectable Levels	0.003400	0.001690	--
Aug 4	All Below	Below Detectable Levels	Below Detectable Levels	0.006000	0.001200	--
Aug 5	All Below	Below Detectable Levels	Below Detectable Levels	0.001820	0.000700	--
Aug 6	All Below	Below Detectable Levels	Below Detectable Levels	0.002800	0.001400	--
Aug 7	All Below	Below Detectable Levels	Below Detectable Levels	0.002800	0.001700	--
Aug 8	All Below	Below Detectable Levels	Below Detectable Levels	0.003200	0.001500	--
Aug 9	All Below	Below Detectable Levels	Below Detectable Levels	0.004200	--	--
Aug 10	All Below	Below Detectable Levels	Below Detectable Levels	0.005800	0.001860	--
Aug 11	All Below	Below Detectable Levels	Below Detectable Levels	0.010200	0.000700	--
Aug 12	All Below	Below Detectable Levels	Below Detectable Levels	0.090000	0.028000	--
Aug 13	All Below	Below Detectable Levels	Below Detectable Levels	0.003100	0.001630	--
Aug 14	All Below	Below Detectable Levels	Below Detectable Levels	0.004200	0.000840	--
Aug 15	All Below	Below Detectable Levels	Below Detectable Levels	0.003500	0.000470	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Aug 16	All Below	Below Detectable Levels	Below Detectable Levels	0.000820	0.001000	--
Aug 17	All Below	Below Detectable Levels	Below Detectable Levels	0.001300	0.001200	--
Aug 18	All Below	Below Detectable Levels	Below Detectable Levels	0.003400	0.001500	--
Aug 19	All Below	Below Detectable Levels	Below Detectable Levels	0.001360	0.002600	--
Aug 20	All Below	Below Detectable Levels	Below Detectable Levels	0.003490	0.003600	--
Aug 21	All Below	Below Detectable Levels	Below Detectable Levels	0.000840	0.002230	--
Aug 22	All Below	Below Detectable Levels	Below Detectable Levels	0.001760	0.002570	--
Aug 23	All Below	Below Detectable Levels	Below Detectable Levels	0.006800	0.000820	--
Aug 24	All Below	Below Detectable Levels	Below Detectable Levels	0.003600	0.000430	--
Aug 25	All Below	Below Detectable Levels	Below Detectable Levels	0.001610	0.000290	--
Aug 26	All Below	Below Detectable Levels	Below Detectable Levels	0.001460	0.000570	--
Aug 27	All Below	Below Detectable Levels	Below Detectable Levels	0.001800	0.000550	--
Aug 28	All Below	Below Detectable Levels	Below Detectable Levels	0.001530	0.001500	--
Aug 29	All Below	Below Detectable Levels	Below Detectable Levels	0.000690	0.001900	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
Aug 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

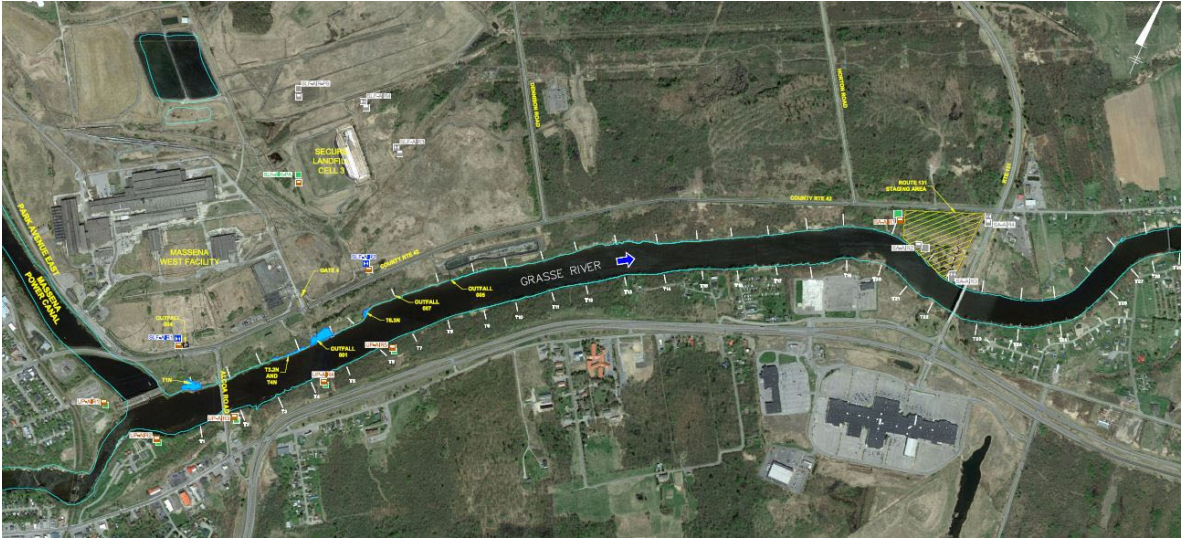
NA = Data not collected or recorded

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 Soil Removal Areas Along the North Shore

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.

Air Monitoring Locations



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
Aug 1	All Below	0.0251	0.0257	0.0279	--	0.013	0.0231	0.0233	0.0271	0.0477	--
Aug 2	All Below	0.0326	0.0321	0.0336	--	0.0304	0.0235	0.0215	0.028	0.0259	--
Aug 3	All Below	0.0368	0.0441	0.0424	0.0281	0.0242	0.0245	0.0256	0.0273	0.0282	--
Aug 6	All Below	0.03	0.0276	0.0242	0.021	0.0255	0.0203	0.0308	0.033	0.0208	--
Aug 7	All Below	0.0262	0.0321	0.0565	0.061	0.0374	0.0292	0.0195	0.0375	0.0293	--
Aug 8	All Below	0.0428	0.0391	0.0466	0.0486	0.0362	0.0405	0.0287	0.0454	0.0341	--
Aug 9	All Below	0.0331	0.0307	0.0345	0.0346	0.0261	0.03	0.0275	0.0329	0.0322	--

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIRPA	SA-AIR1	Notes
Aug 10	All Below	0.0187	0.0121	0.0151	0.0162	0.0099	0.0133	0.0117	0.0098	0.0147	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

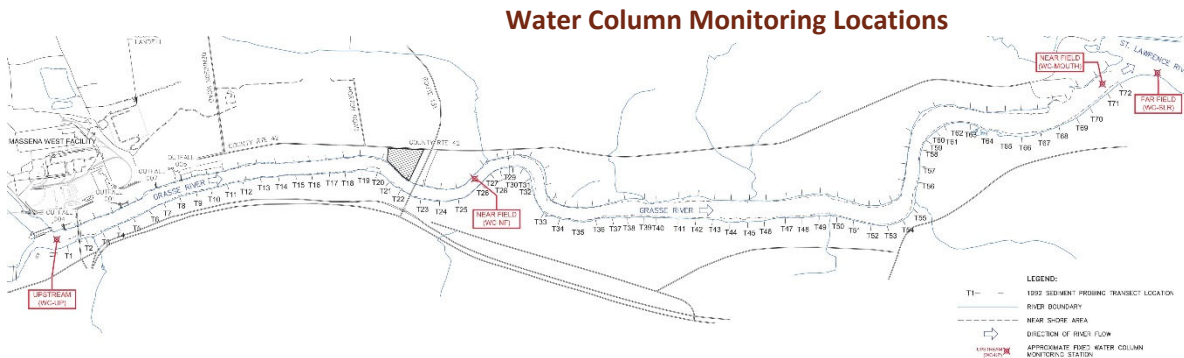
2019 Air Volatile Organic Compound Data (Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)									
Date	Action Level Check	UP-AIR1	UP-AIR2	UP-AIR3	UP-AIR4	UP-AIR5	SLF-AIR1	SLF-AIR2	SLF-AIR-PA	SA-AIR1	Notes
Aug 1	All Below	0	0	0.6954	--	0.0155	1.6699	0.0927	0.3901	0.7611	--
Aug 2	All Below	0	0	0.7674	--	0.0337	2.2731	0.0303	0.269	2.7131	--
Aug 3	All Below	0	0	0.7689	17.198	0.0143	0.4345	0.0663	0.0071	0.0835	UP-AIR4 levels not related to field activities.
Aug 6	All Below	0	0	0.8001	0	0.0309	2.2311	0.0035	0.4869	2.7363	--
Aug 7	All Below	0	0	0.6738	54.873	0.0111	0.1689	0.0237	0.162	3.0177	UP-AIR4 levels not related to field activities.
Aug 8	All Below	0	0	0.8627	0.4019	0	0.1692	0	0.0894	0.4395	--
Aug 9	All Below	0	0	1.0388	0.0041	0.0214	0.5041	0.1123	0.1393	0.7009	--
Aug 10	All Below	0	0	1.1475	0	0	0.9845	0.038	0.2253	0.2752	--

NA = Data not collected or recorded
 Volatile Organic Compounds (VOCs parts per million)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.



2019 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Aug 1	All Below	Below Detectable Levels	8.4	6.0	Below Detectable Levels	--
Aug 2	All Below	Below Detectable Levels	5.2	Below Detectable Levels	Below Detectable Levels	--
Aug 3	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Aug 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 6	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Aug 7	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Aug 8	All Below	Below Detectable Levels	5.2	Below Detectable Levels	Below Detectable Levels	--
Aug 9	All Below	6.0	6.4	Below Detectable Levels	Below Detectable Levels	--
Aug 10	All Below	Below Detectable Levels	7.2	Below Detectable Levels	7.6	--
Aug 12	All Below	Below Detectable Levels	4.0	Below Detectable Levels	Below Detectable Levels	--
Aug 13	All Below	Below Detectable Levels	8.0	Below Detectable Levels	Below Detectable Levels	--
Aug 14	All Below	Below Detectable Levels	6.0	Below Detectable Levels	Below Detectable Levels	--
Aug 15	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Aug 16	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--
Aug 17	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Aug 19	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--
Aug 20	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Aug 21	All Below	Below Detectable Levels	5.6	Below Detectable Levels	Below Detectable Levels	--
Aug 22	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--
Aug 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Aug 24	All Below	Below Detectable Levels	6.4	Below Detectable Levels	Below Detectable Levels	--
Aug 26	All Below	Below Detectable Levels	4.0	Below Detectable Levels	Below Detectable Levels	--
Aug 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 30	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Aug 31	All Below	Below Detectable Levels	4.0	Below Detectable Levels	Below Detectable Levels	--

Total Suspended Solids (TSS; milligrams per liter)

TSS values in parentheses represent an additional NF station sampled closer to the upstream work platform.

2019 Water Column PCB Data (Corrective Action Level at WC-SLR = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Aug 1	All Below	0.250000	Below Detectable Levels	Below Detectable Levels	--
Aug 2	All Below	0.200000	0.090000	Below Detectable Levels	--
Aug 3	All Below	0.084000	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Aug 5	All Below	0.065000	Below Detectable Levels	Below Detectable Levels	--
Aug 6	All Below	0.100000	Below Detectable Levels	Below Detectable Levels	--
Aug 7	All Below	0.150000	Below Detectable Levels	Below Detectable Levels	--
Aug 8	All Below	0.210000	Below Detectable Levels	Below Detectable Levels	--
Aug 9	All Below	0.160000	Below Detectable Levels	Below Detectable Levels	--
Aug 10	All Below	0.150000	Below Detectable Levels	Below Detectable Levels	--
Aug 12	All Below	0.220000	Below Detectable Levels	Below Detectable Levels	--
Aug 13	All Below	0.230000	0.067000	Below Detectable Levels	--
Aug 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 15	All Below	Below Detectable Levels	0.110000	Below Detectable Levels	--
Aug 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Aug 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 27	All Below	0.120000	Below Detectable Levels	Below Detectable Levels	--
Aug 28	All Below	0.081000	Below Detectable Levels	Below Detectable Levels	--
Aug 29	All Below	0.079000	Below Detectable Levels	Below Detectable Levels	--
Aug 30	All Below	0.081000	Below Detectable Levels	Below Detectable Levels	--
Aug 31	All Below	0.072000	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data (Corrective Action Level = 25 NTU above Baseline Level)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Aug 1	All Below	0.3	1.2	0.3	--
Aug 2	All Below	0.5	1.1	0.1	--
Aug 3	All Below	0.3	1.4	0.4	--
Aug 5	All Below	1.6	1.4	0.4	--
Aug 6	All Below	0.5	1.8	0.3	--
Aug 7	All Below	0.4	1.3	0.2	--
Aug 8	All Below	0.8	0.9	0.3	--
Aug 9	All Below	0.1	1.1	0.2	--
Aug 10	All Below	0.4	1.2	0.3	--
Aug 12	All Below	0.6	1.8	1.8	--
Aug 13	All Below	0.5	0.8	0.2	--
Aug 14	All Below	0.3	0.9	0.2	--
Aug 15	All Below	0.7	1.1	0.3	--
Aug 16	All Below	0.4	1.0	0.2	--
Aug 17	All Below	0.3	1.3	0.3	--
Aug 19	All Below	0.0	0.2	0.1	--
Aug 20	All Below	0.1	0.4	0.2	--
Aug 21	All Below	0.4	0.3	0.2	--
Aug 22	All Below	0.8	1.1	0.4	--
Aug 23	All Below	0.2	0.8	0.2	--
Aug 24	All Below	0.3	1.0	0.0	--
Aug 26	All Below	0.4	0.9	0.2	--
Aug 27	All Below	0.3	1.1	0.3	--
Aug 28	All Below	0.9	0.8	1.3	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Aug 29	All Below	1.0	1.4	0.2	--
Aug 30	All Below	0.2	2.0	0.3	--
Aug 31	All Below	0.6	2.2	0.3	--

NA = Data not collected or recorded

Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Aug 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Aug 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

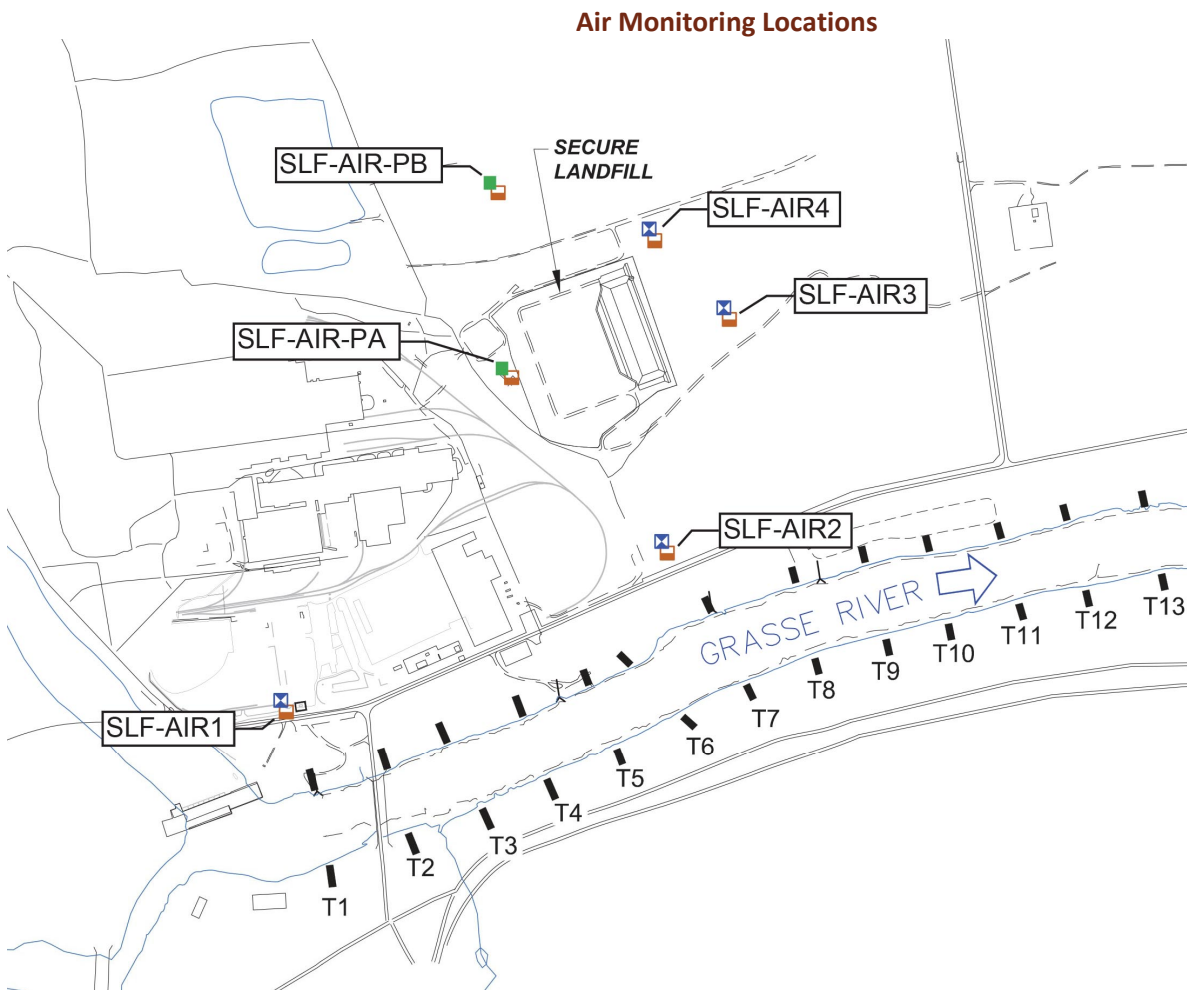
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Aug 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Aug 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

September 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 1	All Below	0.0142	0.0157	0.0158	0.0219	0.024	0.0151	--
Sep 2	All Below	0.0169	0.0106	0.0219	0.0176	NA	NA	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 3	All Below	0.0158	0.0207	0.0307	0.029	NA	NA	--
Sep 4	All Below	0.0187	0.0129	0.0235	0.0262	0.0201	0.0248	--
Sep 6	All Below	0.013	0.0077	0.0252	0.0209	0.024	0.0129	--
Sep 7	All Below	0.0155	0.0093	0.0211	0.018	0.0159	0.0158	--
Sep 8	All Below	0.0232	0.0141	0.0302	0.0282	0.0265	0.0318	--
Sep 9	All Below	0.0099	0.0052	0.013	0.0319	NA	NA	--
Sep 10	All Below	0.0117	0.0073	0.015	0.0154	0.0167	0.0161	--
Sep 11	All Below	0.027	0.0171	0.032	0.0284	0.03	0.0341	--
Sep 12	All Below	0.023	0.0164	0.0323	0.0335	0.0246	0.0302	--
Sep 13	All Below	0.0201	0.0118	0.0124	0.0187	0.018	0.0174	--
Sep 14	All Below	0.018	0.0157	0.0187	0.015	0.0211	0.0305	--
Sep 15	All Below	0.011	0.0084	0.015	0.0135	0.0123	0.0227	--
Sep 16	All Below	0.0186	0.0123	0.0181	0.0143	NA	NA	--
Sep 17	All Below	0.0184	0.0123	0.0217	0.016	0.0157	0.0265	--
Sep 18	All Below	0.0123	0.009	0.0173	0.0359	0.0125	0.0107	--
Sep 19	All Below	0.0167	0.0135	0.1313	0.0222	0.0243	0.0203	SLF-AIR3 levels not due to field activities.
Sep 20	All Below	0.0216	0.0175	0.0369	0.0289	0.0284	0.0387	--
Sep 21	All Below	0.1133	0.0144	0.0297	0.0261	0.0165	0.0202	SLF-AIR1 levels not due

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
								to field activities.
Sep 22	All Below	0.0443	0.0266	0.0557	0.0587	0.0435	0.0498	--
Sep 23	All Below	0.0349	0.0238	0.0451	0.0449	NA	NA	--
Sep 24	All Below	0.0345	0.0255	0.0427	0.0451	0.0402	0.046	--
Sep 25	All Below	0.0139	0.0073	0.0267	0.0327	0.0147	0.0203	--
Sep 26	All Below	0.0176	0.0215	0.0234	0.0223	0.0173	0.0206	--
Sep 27	All Below	0.0133	0.0077	0.0166	0.0189	0.0153	0.0186	--
Sep 28	All Below	0.0197	0.0075	0.0207	0.0226	0.022	0.0331	--
Sep 29	All Below	0.0234	0.0129	0.0259	0.0306	0.0289	0.0221	--
Sep 30	All Below	0.0081	0.0041	0.0151	0.0139	--	--	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data (Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 1	All Below	1.3807	0.0334	0.3043	0.0358	0	0.4997	--
Sep 2	All Below	1.0443	0.0951	0.0051	0.0595	NA	NA	--
Sep 3	All Below	0.4151	0.0669	0.4859	0.069	NA	NA	--
Sep 4	All Below	1.7825	0.0411	0.0407	0.0798	0.0225	4.5968	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 6	All Below	1.9012	0.1104	0.0553	0.13473	0.017	2.651	--
Sep 7	All Below	0.3921	0	0	0.0669	0.0219	0.218	--
Sep 8	All Below	0.6252	0	0	0.0208	0.0217	0.1836	--
Sep 9	All Below	0.2764	0.0547	0.5051	0.0212	NA	NA	--
Sep 10	All Below	1.3002	0.0972	0.0905	0.132	0.0141	3.0861	--
Sep 11	All Below	1.6561	0.0219	0.0527	0.1727	0.023	0.3967	--
Sep 12	All Below	0.1543	0.1281	0.7672	0.0649	0.0341	0.36	--
Sep 13	All Below	1.5424	0.0029	0.6547	0.0488	0.0154	0.3877	--
Sep 14	All Below	1.9643	0.0458	0.0919	10.055	0.0174	0.3366	SLF-AIR4 levels not due to field activities
Sep 15	All Below	0.1296	0.0707	0.7363	0.0767	0.0197	0.1594	--
Sep 16	All Below	0.0725	0.0413	0.7215	0.1583	NA	NA	--
Sep 17	All Below	1.7629	0.1301	0.1935	9.6294	0.0165	0.082	SLF-AIR4 levels not due to field activities.
Sep 18	All Below	1.871	0.1695	0.1586	9.9354	0.0177	0.0699	SLF-AIR4 levels not due to field activities.
Sep 19	All Below	1.7603	0.1368	0.	0.1202	0.0125	0.1676	--
Sep 20	All Below	0.0216	0.0175	0.0369	0.0289	0.0284	0.0387	--
Sep 21	All Below	0.3448	0.0331	0.0638	0.1625	0.0201	0.0187	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 22	All Below	0.7636	0.0611	0.1381	0.1709	0.0111	0.1527	--
Sep 23	All Below	0.445	0.0279	0.1395	0.1088	NA	NA	--
Sep 24	All Below	1.2723	0.0362	0.4065	0.1315	0.0327	0.315	--
Sep 25	All Below	0.4475	0.0382	0.7955	0.0583	0.0223	0.2926	--
Sep 26	All Below	1.8084	0.1346	2.9796	0.1103	0.0287	0.3122	--
Sep 27	All Below	1.8187	0.0254	0.5705	0.1307	0.0183	0.2265	--
Sep 28	All Below	1.3539	0.2042	3.0065	0.1045	0.0273	0.2353	--
Sep 29	All Below	1.1319	0.0605	1.2675	0.0907	0.0077	0.0057	--
Sep 30	All Below	0.7265	0.0106	3.7806	0.0345	--	--	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 1	All Below	0.000510	0.002838	0.004100	0.001800	Below Detectable Levels	Below Detectable Levels	--
Sep 2	All Below	0.000820	0.000890	0.003100	0.010400	NA	NA	--
Sep 3	All Below	0.007900	0.002400	0.006000	0.000400	NA	NA	--
Sep 4	All Below	0.000470	0.000540	0.001100	0.004700	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 5	All Below	0.000310	0.001000	0.003100	0.002900	Below Detectable Levels	Below Detectable Levels	--
Sep 6	All Below	0.000330	0.000750	0.008500	0.002200	Below Detectable Levels	Below Detectable Levels	--
Sep 7	All Below	0.000350	0.001100	0.001400	0.001200	Below Detectable Levels	Below Detectable Levels	--
Sep 8	All Below	0.000160	0.001200	0.007200	0.000970	Below Detectable Levels	Below Detectable Levels	--
Sep 9	All Below	0.000400	0.002120	0.001000	0.000380	NA	NA	--
Sep 10	All Below	0.001260	0.002700	0.000920	0.001200	Below Detectable Levels	Below Detectable Levels	--
Sep 11	All Below	0.000590	0.000610	0.004400	0.002200	Below Detectable Levels	Below Detectable Levels	--
Sep 12	All Below	0.000390	0.000920	0.005000	0.000600	NA	NA	--
Sep 13	All Below	0.001090	0.001250	0.000680	0.000510	Below Detectable Levels	Below Detectable Levels	--
Sep 14	All Below	0.000200	0.000480	0.001600	0.008100	Below Detectable Levels	Below Detectable Levels	--
Sep 15	All Below	0.000100	0.001200	0.008300	0.003000	NA	NA	--
Sep 16	All Below	0.000190	0.000710	0.001400	0.000750	NA	NA	--
Sep 17	All Below	0.000300	0.000600	0.001200	0.000630	Below Detectable Levels	Below Detectable Levels	--
Sep 18	All Below	0.000390	0.001000	0.001250	0.000600	Below Detectable Levels	Below Detectable Levels	--
Sep 19	All Below	0.000750	0.000750	0.000480	0.000530	Below Detectable Levels	Below Detectable Levels	--

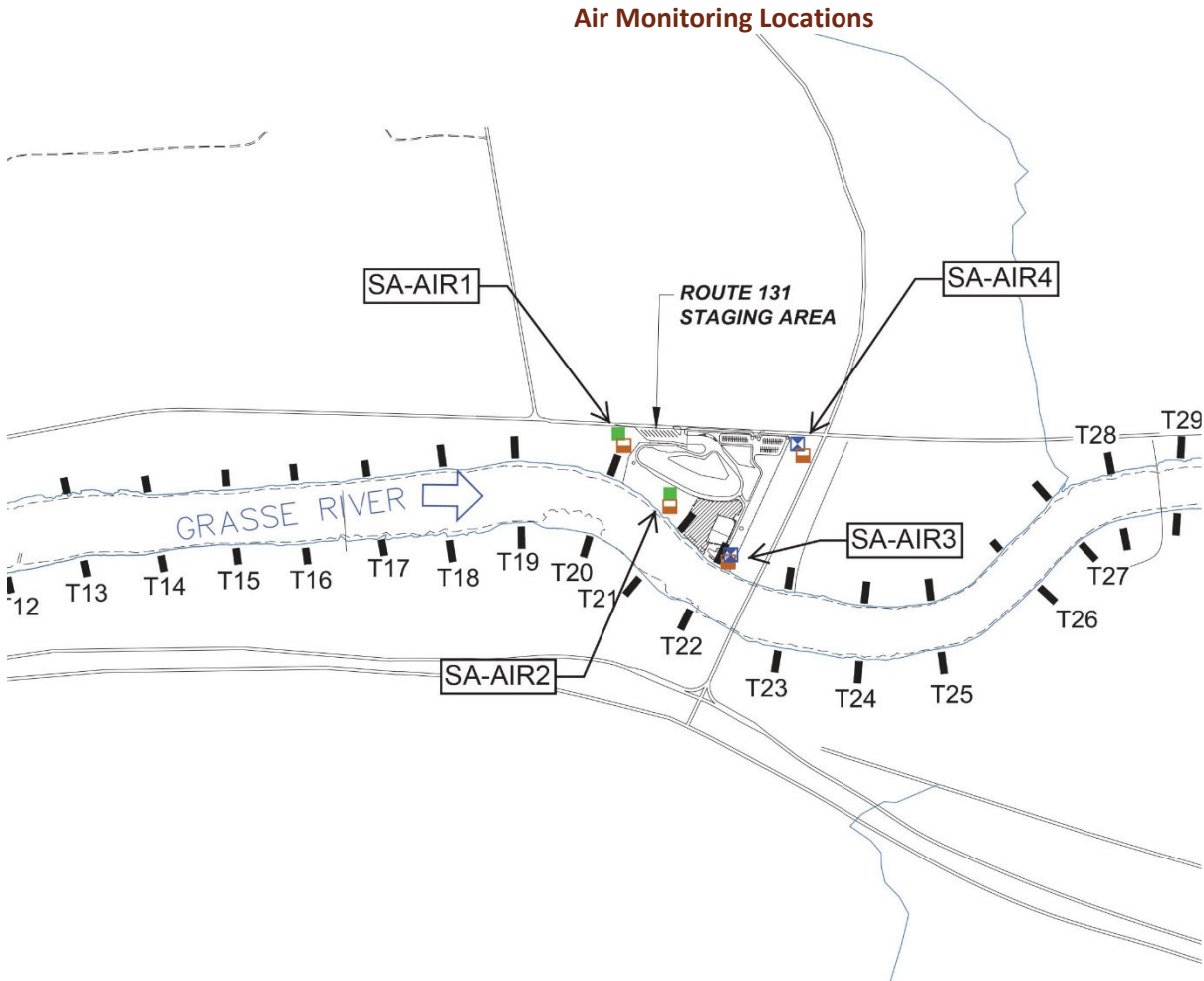
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sep 20	All Below	0.000690	0.001750	0.001800	0.004400	Below Detectable Levels	Below Detectable Levels	--
Sep 21	All Below	0.000290	0.001300	0.021000	0.007000	Below Detectable Levels	Below Detectable Levels	--
Sep 22	All Below	0.000620	0.000970	0.010600	0.005400	Below Detectable Levels	Below Detectable Levels	--
Sep 23	All Below	0.000190	0.001800	0.012000	0.003800	NA	NA	--
Sep 24	All Below	0.000240	0.002500	0.012000	0.004600	Below Detectable Levels	Below Detectable Levels	--
Sep 25	All Below	0.000370	0.000940	0.001900	0.000690	Below Detectable Levels	Below Detectable Levels	--
Sep 26	All Below	0.000200	0.001400	0.010600	0.006500	Below Detectable Levels	Below Detectable Levels	--
Sep 27	All Below	0.000150	0.001500	0.006500	0.002000	Below Detectable Levels	Below Detectable Levels	--
Sep 268	All Below	0.000310	0.000850	0.002300	0.002600	Below Detectable Levels	Below Detectable Levels	--
Sep 29	All Below	0.000190	0.001780	0.003200	0.0061200	Below Detectable Levels	Below Detectable Levels	--
Sep 30	All Below	0.0002150	0.000160	0.010370	0.000350	NA	NA	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sep 1	All Below	0.0141	0.0118	0.0331	0.0117	--
Sep 2	All Below	0.0131	0.0106	0.0269	0.0227	--
Sep 3	All Below	0.0231	0.0201	0.0239	0.0201	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sep 4	All Below	0.02	0.0182	0.019	0.0169	--
Sep 6	All Below	0.0133	0.0145	0.0209	0.1041	SA-AIR4 levels not due to field activities.
Sep 7	All Below	0.0175	0.0314	0.0139	0.0217	--
Sep 8	All Below	0.0223	0.0195	0.0466	0.0266	--
Sep 9	All Below	0.0077	0.0082	0.0107	0.0131	--
Sep 10	All Below	0.0092	0.0078	0.0208	0.0157	--
Sep 11	All Below	0.0243	0.0191	0.0325	0.0348	--
Sep 12	All Below	0.0214	0.0155	0.0419	0.0307	--
Sep 13	All Below	0.0135	0.0413	0.0189	0.0189	--
Sep 14	All Below	0.0143	0.0533	0.0121	0.0198	--
Sep 15	All Below	0.0127	11.989	0.0121	0.0205	SA-AIR2 levels not due to field activities.
Sep 16	All Below	0.0109	0.01	0.0143	0.0113	--
Sep 17	All Below	0.0242	0.022	0.0939	0.036	--
Sep 18	All Below	0.0198	0.0176	0.0157	0.0234	--
Sep 19	All Below	0.0239	0.0236	0.0189	0.0306	--
Sep 20	All Below	0.0188	0.0175	0.0214	0.0203	--
Sep 21	All Below	0.0301	0.0286	0.0408	0.0356	--
Sep 22	All Below	0.045	0.0319	0.0409	0.0473	--
Sep 23	All Below	0.0368	0.0283	0.0388	0.0475	--
Sep 24	All Below	0.0351	0.0291	0.0474	0.0528	--
Sep 25	All Below	0.0101	0.0085	0.0405	0.0154	--
Sep 26	All Below	0.0142	0.0121	0.0358	0.024	--
Sep 27	All Below	0.0137	0.0131	0.0247	0.023	--
Sep 28	All Below	0.0179	0.0167	0.0201	0.0214	--
Sep 27	All Below	0.0215	0.0175	0.0578	0.0308	--
Sep 30	All Below	0.0088	0.009	0.0097	0.012	--

NA = Data not collected or recorded
Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	
Sep 1	All Below	2.4325	0.0175	2.6689	0.4097	--
Sep 2	All Below	2.1721	0.9321	3.1974	0.001	--
Sep 3	All Below	0.9593	1.284	0.6319	1.2831	--
Sep 4	All Below	0.9914	0.4263	1.5253	1.0831	--
Sep 6	All Below	0	6.104	1.4621	5.6411	-SA-AIR2 and SA-AIR4 levels not due to field activities.
Sep 7	All Below	4.094	0.7869	0.2539	0	--
Sep 8	All Below	2.2805	0.7001	0.0498	0	--
Sep 9	All Below	2.2175	0.5002	0	0	--
Sep 10	All Below	2.1091	1.9419	1.7353	0	--
Sep 11	All Below	2.3486	1.4229	2.3001	0	--
Sep 12	All Below	0.2087	0.0693	0.3685	0	--
Sep 13	All Below	3.8093	7.1447	3.2669	0	SA-AIR2 levels not due to field activities.
Sep 14	All Below	1.4525	0.4075	2.0635	0	--
Sep 15	All Below	0	0	0.0161	0	--
Sep 16	All Below	0	0	0.5198	0	--
Sep 17	All Below	1.6131	1.1139	3.3987	0	--
Sep 18	All Below	1.9383	1.3081	3.2007	0	--
Sep 19	All Below	4.0535	0.6234	3.4818	0.1586	--
Sep 20	All Below	0.7191	0.1907	2.7303	0	--
Sep 21	All Below	1.4187	0.4638	1.8099	0	--
Sep 22	All Below	0.6894	0.2111	0	0	--
Sep 23	All Below	1.5619	0	0	0	--
Sep 24	All Below	2.1305	1.3307	0	0	--
Sep 25	All Below	0.8727	0.9619	0	0	--
Sep 26	All Below	2.8919	0.1142	0.0131	0	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sep 27	All Below	4.2631	4.1301	0.0509	0	--
Sep 28	All Below	3.8238	0.4165	0	0	--
Sep 29	All Below	2.058	1.0608	0	0	--
Sep 30	All Below	0	1.0461	0.	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sep 1	All Below	Below Detectable Levels	Below Detectable Levels	0.009681	0.000220	--
Sep 2	All Below	Below Detectable Levels	Below Detectable Levels	0.001920	0.000420	--
Sep 3	All Below	Below Detectable Levels	Below Detectable Levels	0.002160	0.000640	--
Sep 4	All Below	Below Detectable Levels	Below Detectable Levels	0.000370	0.001510	--
Sep 5	All Below	Below Detectable Levels	Below Detectable Levels	0.005100	0.001900	--
Sep 6	All Below	Below Detectable Levels	Below Detectable Levels	0.003310	0.001000	--
Sep 7	All Below	Below Detectable Levels	Below Detectable Levels	0.001520	0.000300	--
Sep 8	All Below	Below Detectable Levels	Below Detectable Levels	0.005400	0.001740	--
Sep 9	All Below	Below Detectable Levels	Below Detectable Levels	0.002550	0.000200	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sep 10	All Below	Below Detectable Levels	Below Detectable Levels	0.002420	0.000350	--
Sep 11	All Below	Below Detectable Levels	Below Detectable Levels	0.002130	0.001410	--
Sep 12	All Below	Below Detectable Levels	Below Detectable Levels	0.002650	0.000440	--
Sep 13	All Below	Below Detectable Levels	Below Detectable Levels	0.001120	0.000230	--
Sep 14	All Below	Below Detectable Levels	Below Detectable Levels	0.000340	0.001560	--
Sep 15	All Below	Below Detectable Levels	Below Detectable Levels	0.001310	0.001910	--
Sep 16	All Below	Below Detectable Levels	Below Detectable Levels	0.002150	0.000500	--
Sep 17	All Below	Below Detectable Levels	Below Detectable Levels	0.002970	0.001090	--
Sep 18	All Below	Below Detectable Levels	Below Detectable Levels	0.000610	0.000290	--
Sep 19	All Below	Below Detectable Levels	Below Detectable Levels	0.000980	0.000520	--
Sep 20	All Below	Below Detectable Levels	Below Detectable Levels	0.001790	0.000940	--
Sep 21	All Below	Below Detectable Levels	Below Detectable Levels	0.003040	0.000650	--
Sep 22	All Below	Below Detectable Levels	Below Detectable Levels	0.004900	0.000710	--
Sep 23	All Below	Below Detectable Levels	Below Detectable Levels	0.000480	0.001630	--

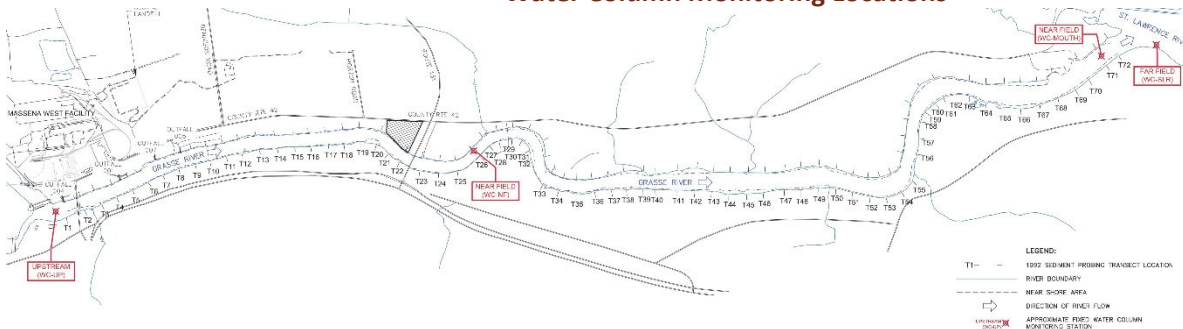
		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
Sep 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	Below Detectable Levels	--
Sep 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

NA = Data not collected or recorded
 Total PCBs (micrograms per cubic meter)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.

Water Column Monitoring Locations



**2019 Water Column Total Suspended Solids Data
(Corrective Action Level = 100 mg/L above WC-UP Level)**

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Sep 4	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Sep 5	All Below	Below Detectable Levels	4.8	Below Detectable Levels	Below Detectable Levels	--
Sep 6	All Below	Below Detectable Levels	4.4	Below Detectable Levels	Below Detectable Levels	--
Sep 7	All Below	Below Detectable Levels	5.6	5.2	Below Detectable Levels	--
Sep 9	All Below	Below Detectable Levels	4.8	5.2	Below Detectable Levels	--
Sep 10	All Below	Below Detectable Levels	4.0	4.4	Below Detectable Levels	--
Sep 11	All Below	Below Detectable Levels	Below Detectable Levels	--	4.0	--
Sep 12	All Below	Below Detectable Levels	4.4	--	Below Detectable Levels	--
Sep 13	All Below	Below Detectable Levels	Below Detectable Levels	--	4.4	--
Sep 14	All Below	Below Detectable Levels	4.0	4.0	Below Detectable Levels	--
Sep 16	All Below	Below Detectable Levels	Below Detectable Levels	5.6	Below Detectable Levels	--
Sep 17	All Below	Below Detectable Levels	4.0	4.8	Below Detectable Levels	--
Sep 18	All Below	Below Detectable Levels	6.4	--	7.6	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Sep 19	All Below	Below Detectable Levels	5.2	6.4	Below Detectable Levels	--
Sep 20	All Below	Below Detectable Levels	4.0	--	Below Detectable Levels	--
Sep 21	All Below	Below Detectable Levels	6.0	Below Detectable Levels	Below Detectable Levels	--
Sep 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 24	All Below	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
Sep 25	All Below	Below Detectable Levels	5.6	-4.8	Below Detectable Levels	--
Sep 26	All Below	Below Detectable Levels	Below Detectable Levels	6.0	Below Detectable Levels	--
Sep 27	All Below	Below Detectable Levels	6.0	4.0	Below Detectable Levels	--
Sep 28	All Below	Below Detectable Levels	8.4	6.0	Below Detectable Levels	--
Sep 30	All Below	Below Detectable Levels	7.6	9.6	Below Detectable Levels	--

Total Suspended Solids (TSS; milligrams per liter)

TSS values in parentheses represent an additional NF station sampled closer to the upstream work platform.

2019 Water Column PCB Data

(Corrective Action Level at WC-SLR = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Sep 4	All Below	0.088000	Below Detectable Levels	Below Detectable Levels	--
Sep 5	All Below	0.095000	0.097000	Below Detectable Levels	--
Sep 6	All Below	0.110000	0.098000	Below Detectable Levels	--
Sep 7	All Below	0.074000	0.081000	Below Detectable Levels	--
Sep 9	All Below	0.084000	0.088000	Below Detectable Levels	--
Sep 10	All Below	0.081000	0.069000	Below Detectable Levels	--
Sep 11	All Below	0.072000	--	Below Detectable Levels	--
Sep 12	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Sep 13	All Below	0.086000	--	Below Detectable Levels	--
Sep 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 16	All Below	0.068000	0.066000	Below Detectable Levels	--
Sep 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 18	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Sep 19	All Below	Below Detectable Levels	0.27000	Below Detectable Levels	--

Date	Action Level Check	Monitoring Station ID (see figure)			Notes
		WC-NF	WC-MOUTH	WC-SLR	
Sep 20	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Sep 21	All Below	0.068000	Below Detectable Levels	Below Detectable Levels	--
Sep 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 24	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Sep 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 246	All Below	0.071000	0.073000	Below Detectable Levels	--
Sep 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 28	All Below	0.078000	Below Detectable Levels	Below Detectable Levels	--
Sep 30	All Below	0.066000	0.066000	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data
(Corrective Action Level = 25 NTU above Baseline Level)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sep 3	All Below	0.7	0.8	0.7	--
Sep 5	All Below	0.8	1.2	0.5	--
Sep 6	All Below	2.5	1.1	0.1	--
Sep 7	All Below	0.6	1.6	0.6	--
Sep 9	All Below	0.6	1.7	0.4	--
Sep 10	All Below	0.8	2.2	0.3	--
Sep 11	All Below	0.5	2.5	0.4	--
Sep 12	All Below	0.6	1.4	0.7	--
Sep 13	All Below	2.1	1.4	0.2	--
Sep 14	All Below	0.7	1.2	0.6	--
Sep 16	All Below	0.7	1.3	0.2	--
Sep 17	All Below	0.6	2.2	0.5	--
Sep 18	All Below	0.7	2.8	0.4	--
Sep 19	All Below	0.5	1.3	0.3	--
Sep 20	All Below	2.0	1.3	0.5	--
Sep 21	All Below	1.4	1.4	0.4	--
Sep 23	All Below	1.3	3.7	0.5	--
Sep 24	All Below	1.5	1.7	0.2	--
Sep 25	All Below	1.4	1.4	0.6	--
Sep 26	All Below	1.4	2.9	0.9	--
Sep 27	All Below	2.9	2.5	0.9	--
Sep 28	All Below	1.7	1.3	0.8	--
Sep 30	All Below	0.9	3.8	0.6	--

NA = Data not collected or recorded

Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sep 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sep 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

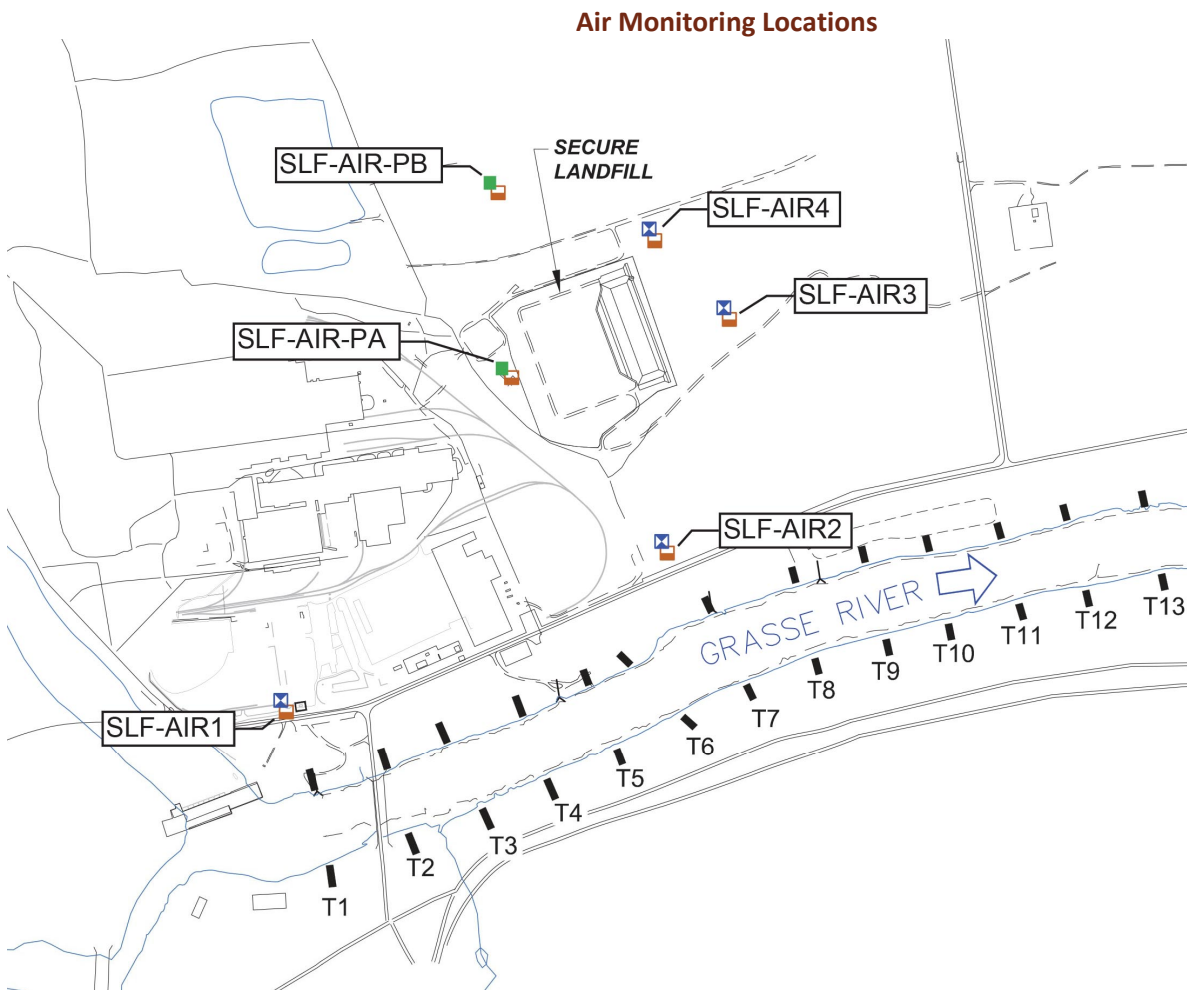
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sep 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sep 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

October 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data

(Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 1	All Below	0.0219	0.0083	0.0229	0.0268	0.0297	0.0286	--
Oct 2	All Below	0.0337	0.0133	0.0409	0.0466	0.0383	0.0486	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 3	All Below	0.0057	0.0037	0.0059	0.0141	0.008	0.0075	--
Oct 4	All Below	0.0091	0.005	0.01	0.0157	0.0179	0.0179	--
Oct 5	All Below	0.008	0.0071	0.0089	0.0297	0.0178	0.0133	--
Oct 6	All Below	0.024	0.0149	0.0228	0.0306	0.0385	0.0177	--
Oct 7	All Below	0.0181	0.0083	0.0197	0.0184	NA	NA	--
Oct 8	All Below	0.0193	0.0096	0.0179	0.0161	0.0221	0.0183	--
Oct 9	All Below	0.0101	0.005	0.086	0.0294	0.0647	0.0223	--
Oct 10	All Below	0.0437	0.0134	0.0415	0.0758	0.0754	0.0457	--
Oct 11	All Below	0.019	0.0087	0.0233	0.0261	0.024	0.0247	--
Oct 12	All Below	0.0244	0.0141	0.0219	0.0269	0.0221	0.021	--
Oct 13	All Below	0.0136	0.006	0.02	0.0184	0.0181	0.0204	--
Oct 14	All Below	0.0175	0.0055	0.0345	0.0271	NA	NA	--
Oct 15	All Below	0.0173	0.0065	0.0147	0.0158	0.0157	0.0139	--
Oct 16	All Below	0.0157	0.004	0.0173	0.0147	0.026	0.013	--
Oct 17	All Below	0.0491	0.0097	0.0381	0.0316	0.0197	0.0379	--
Oct 18	All Below	0.0075	0.0031	0.012	0.0082	0.0179	0.018	--
Oct 19	All Below	0.0147	0.004	0.0079	0.0189	0.008	0.0084	--
Oct 20	All Below	0.018	0.0062	0.0568	0.0534	NA	NA	--
Oct 21	All Below	0.0225	0.0129	0.0275	0.0416	NA	NA	--
Oct 22	All Below	0.03	0.0111	0.0377	0.0307	0.1014	0.0485	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 23	All Below	0.0283	0.0103	0.0356	0.0377	0.033	0.0364	--
Oct 24	All Below	0.0131	0.0051	0.0301	0.0059	0.0105	0.0103	--
Oct 25	All Below	0.0204	0.0071	0.0225	0.0201	0.0239	0.0242	--
Oct 26	All Below	0.0221	0.0088	0.027	0.0337	0.0317	0.0253	--
Oct 27	All Below	0.0192	0.011	0.0229	0.0167	NA	NA	--
Oct 28	All Below	9.0359	0.0069	0.0145	0.0321	NA	NA	SLF-AIR1 levels not due to field activities.
Oct 29	All Below	0.0111	0.0052	0.0014	0.0387	0.0124	0.0401	--
Oct 30	All Below	0.018	0.0061	0.0223	0.0959	0.016	0.0212	--
Oct 31	All Below	0.0332	0.013	0.0407	0.0476	0.0415	0.0477	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 1	All Below	1.4675	0.0073	3.7873	0.0627	0.0043	0.4071	--
Oct 2	All Below	2.9673	0.0015	0.2042	0.1448	0.0045	0.0699	--
Oct 3	All Below	1.0514	0.0619	1.0307	0.1161	0.0052	0.2666	--
Oct 4	All Below	1.1301	0.0166	1.0498	0.0193	0.0015	0.1228	--
Oct 5	All Below	0.2787	0.0196	0.6238	0.0252	0.0007	0.3015	--
Oct 6	All Below	1.1241	0.1338	1.6953	0.0395	0.0033	0.1613	--
Oct 7	All Below	0.2051	0	1.544	0.0933	NA	NA	--
Oct 8	All Below	0.4041	0.0001	2.7469	0.1139	0.0027	0.0318	--
Oct 9	All Below	1.5391	0.5231	3.5977	0.1181	0.0016	0.0411	--
Oct 10	All Below	0.9115	0.0263	5.6189	0.0913	0.0003	0.0549	SLF-AIR3 levels not due to field activities.
Oct 11	All Below	0.0464	0.0104	5.8839	0.0957	0.0003	0.0383	SLF-AIR3 levels not due to field activities.
Oct 12	All Below	0.5651	0.0564	2.4422	0.1425	0.0019	0.0413	--
Oct 13	All Below	0.6491	0.0292	2.8659	0.1249	0.0055	0.131	--
Oct 14	All Below	0.3612	0.0952	3.3171	0.1177	NA	NA	--
Oct 15	All Below	0.0083	0.0321	3.6256	0.0839	0.0001	0.3923	--
Oct 16	All Below	0.1125	0.0221	10.034	0.0923	0.0011	0.1247	SLF-AIR3 levels not due

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
								to field activities.
Oct 17	All Below	1.6783	0.0017	5.7988	0.0772	0.0008	0.0453	SLF-AIR3 levels not due to field activities.
Oct 18	All Below	1.8622	0.0176	6.9834	0.1004	0.0002	0.0661	SLF-AIR3 levels not due to field activities.
Oct 19	All Below	0.4026	0.0153	0.3991	0.0865	0.0009	0.2413	--
Oct 20	All Below	1.5259	0.199	0.4452	0.0231	NA	NA	--
Oct 21	All Below	2.0755	0.0349	0.3788	0.0539	NA	NA	--
Oct 22	All Below	2.0291	0.0345	0.4943	0.1014	0.0035	0.687	--
Oct 23	All Below	1.2525	0	0	0.1057	0.0075	0.0118	--
Oct 24	All Below	1.81	0	0.6467	0.1353	0.0028	0.0562	--
Oct 25	All Below	0	NA	0.7649	0.0814	0.0035	0.1369	--
Oct 26	All Below	0.6251	0.0148	0.557	0.058	0.0007	0.3597	--
Oct 27	All Below	0.7286	0.0347	0.3445	0.0795	NA	NA	--
Oct 28	All Below	1.2185	0.0101	0.1733	0.1325	NA	NA	--
Oct 29	All Below	0.5991	0.0747	0.6782	0.0689	0.0003	0.1723	--
Oct 30	All Below	2.1417	2.0143	0.9841	0.4771	0.0019	0.0348	--
Oct 31	All Below	1.4769	0.0025	0.0814	0.0311	0.0024	0.2414	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 1	All Below	0.000057	0.000180	0.000360	0.000290	Below Detectable Levels	Below Detectable Levels	--
Oct 2	All Below	0.000390	0.000560	0.000890	0.000800	Below Detectable Levels	Below Detectable Levels	--
Oct 3	All Below	0.000110	0.000083	0.000350	0.000160	NA	NA	--
Oct 4	All Below	0.000110	0.000100	0.000150	0.000140	NA	NA	--
Oct 5	All Below	0.000150	0.000920	0.000210	0.000170	Below Detectable Levels	Below Detectable Levels	--
Oct 6	All Below	0.000130	0.000190	0.000250	0.000300	Below Detectable Levels	Below Detectable Levels	--
Oct 7	All Below	0.000130	0.000870	0.002800	0.003300	NA	NA	--
Oct 8	All Below	0.000097	0.000850	0.035000	0.001400	Below Detectable Levels	Below Detectable Levels	--
Oct 9	All Below	0.000580	0.000840	0.001200	0.000510	Below Detectable Levels	Below Detectable Levels	--
Oct 10	All Below	0.000160	0.000200	0.000400	0.000410	Below Detectable Levels	Below Detectable Levels	--
Oct 11	All Below	0.000210	0.000220	0.000320	0.000250	Below Detectable Levels	Below Detectable Levels	--
Oct 12	All Below	0.000170	0.000170	0.000032	0.000260	Below Detectable Levels	Below Detectable Levels	--
Oct 13	All Below	0.000068	0.000350	0.002800	0.001200	Below Detectable Levels	Below Detectable Levels	--
Oct 14	All Below	0.000200	0.000094	0.000520	0.000770	--	--	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 15	All Below	0.000081	0.000440	0.005500	0.002030	Below Detectable Levels	Below Detectable Levels	--
Oct 16	All Below	0.000110	0.000390	0.005700	0.001600	Below Detectable Levels	Below Detectable Levels	--
Oct 17	All Below	0.000190	0.000230	0.000340	0.000420	Below Detectable Levels	Below Detectable Levels	--
Oct 18	All Below	0.000110	0.000350	0.000160	0.000120	Below Detectable Levels	Below Detectable Levels	--
Oct 19	All Below	0.000075	0.000310	0.000290	0.000140	Below Detectable Levels	Below Detectable Levels	--
Oct 20	All Below	0.000130	0.000190	0.000340	0.000240	NA	NA	--
Oct 21	All Below	0.000160	0.000210	0.000300	0.000380	NA	NA	--
Oct 22	All Below	0.000130	0.000190	0.000110	0.000280	Below Detectable Levels	Below Detectable Levels	--
Oct 23	All Below	0.000200	0.000450	0.000390	0.001100	Below Detectable Levels	Below Detectable Levels	--
Oct 24	All Below	0.000041	0.000300	0.001960	0.000970	NA	NA	--
Oct 25	All Below	0.000082	0.000340	0.002070	0.000880	Below Detectable Levels	Below Detectable Levels	--
Oct 26	All Below	0.000082	0.000310	0.002670	0.000800	Below Detectable Levels	Below Detectable Levels	--
Oct 27	All Below	0.000091	0.000170	0.000200	0.000380	NA	NA	--
Oct 28	All Below	0.000110	0.000430	0.000930	0.000450	NA	NA	--
Oct 29	All Below	0.000300	0.000340	0.000600	0.000580	Below Detectable Levels	Below Detectable Levels	--

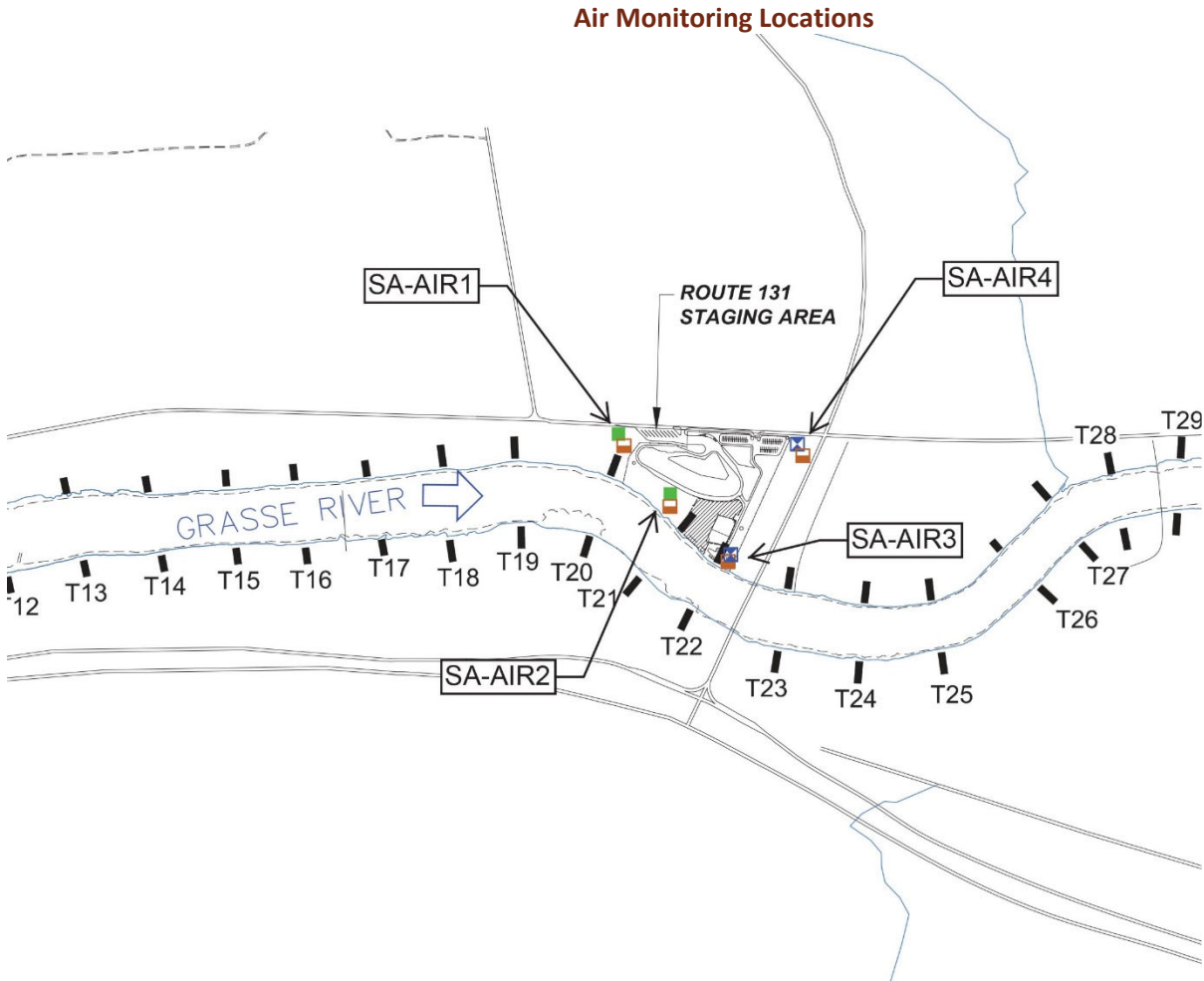
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 30	All Below	0.000130	0.000540	0.000770	0.001100	Below Detectable Levels	Below Detectable Levels	--
Oct 31	All Below	0.000160	0.000360	0.000240	0.000190	Below Detectable Levels	Below Detectable Levels	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data

(Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	
Oct 1	All Below	0.0198	0.0256	0.0225	0.0207	--
Oct 2	All Below	0.0288	0.0273	0.0379	0.0398	--
Oct 3	All Below	0.0077	0.0073	0.0071	0.0075	--
Oct 4	All Below	0.0137	0.013	0.0127	0.0107	--
Oct 5	All Below	0.0147	0.0133	0.0189	0.0192	--
Oct 6	All Below	0.0244	0.0177	0.0316	0.0346	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 7	All Below	0.0148	0.0117	0.0162	0.0191	--
Oct 8	All Below	0.0122	0.0098	0.0133	0.0159	--
Oct 9	All Below	0.0133	0.0134	0.0186	0.0191	--
Oct 10	All Below	0.0437	0.0373	0.0377	0.035	--
Oct 11	All Below	0.0222	0.0244	0.0207	0.0191	--
Oct 12	All Below	0.0528	0.0565	0.0295	0.0653	--
Oct 13	All Below	0.0331	0.0302	0.0417	0.0156	--
Oct 14	All Below	0.0327	0.0315	0.0413	0.0317	--
Oct 15	All Below	0.0162	0.0181	0.0209	0.0129	--
Oct 16	All Below	0.0105	0.0103	0.0121	0.0111	--
Oct 17	All Below	0.0264	0.0177	0.0133	0.0143	--
Oct 18	All Below	0.006	0.0051	0.006	0.0055	--
Oct 19	All Below	0.009	0.0074	0.0087	0.007	--
Oct 20	All Below	0.0593	0.0481	0.0449	0.0477	--
Oct 21	All Below	0.0304	0.0224	0.0283	0.0237	--
Oct 22	All Below	0.0355	0.0272	0.0268	0.0242	--
Oct 23	All Below	0.0341	0.0342	0.027	0.0233	--
Oct 24	All Below	0.0143	0.0136	0.0127	0.0299	--
Oct 25	All Below	0.0148	0.0111	0.026	0.026	--
Oct 26	All Below	0.0298	0.0159	0.0189	0.0161	--
Oct 27	All Below	0.0178	0.0142	0.0175	0.0111	--
Oct 28	All Below	0.0167	0.0119	0.0273	0.0093	--
Oct 29	All Below	0.0194	0.0063	0.0139	0.0145	--
Oct 30	All Below	0.0327	--	0.016	0.0312	--
Oct 31	All Below	0.045	0.1329	0.0385	0.032	--

NA = Data not collected or recorded
Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	
Oct 1	All Below	0.4085	0	0	0.217	--
Oct 2	All Below	3.5967	0	0	0	--
Oct 3	All Below	0	0	0	0.	--
Oct 4	All Below	0	7.8658	0	0	SA-AIR2 levels not related to field activities.
Oct 5	All Below	0	0.133	0	0.	--
Oct 6	All Below	3.1809	0	0.0043	0.0243	--
Oct 7	All Below	0.1399	0.4465	0	0	--
Oct 8	All Below	1.316	1.3181	0	0	--
Oct 9	All Below	3.9155	3.4014	0.0191	0	--
Oct 10	All Below	1.0662	0.6659	0	0	--
Oct 11	All Below	0	--	0	0	--
Oct 12	All Below	0	--	0	0	--
Oct 13	All Below	0	--	0	0	--
Oct 14	All Below	0	--	0.0011	0	--
Oct 15	All Below	0	0.4383	0.0423	0.1941	--
Oct 16	All Below	0	0	0.049	0.159	--
Oct 17	All Below	1.5719	9.6291	0	0.0671	SA-AIR2 levels not related to field activities
Oct 18	All Below	0.8317	2.263	0.0007	0	--
Oct 19	All Below	0	7.0845	0.0057	0	SA-AIR2 levels not related to field activities
Oct 20	All Below	2.8937	3.4891	0	0	--
Oct 21	All Below	3.2485	31.14	0.0458	0.5422	SA-AIR2 levels not related to field activities

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 22	All Below	4.7109	35.018	0.0519	0.4321	SA-AIR2 levels not related to field activities
Oct 23	All Below	2.5947	0	0.252	0	--
Oct 24	All Below	4.9694	0.211	0.0078	0.0842	--
Oct 25	All Below	1.2569	0.0038	0.0641	0.0578	--
Oct 26	All Below	8.4987	0	0.1157	0.2463	SA-AIR1 levels not related to field activities
Oct 27	All Below	2.1277	--	0.0783	0	--
Oct 28	All Below	7.6434	--	0.6357	0.0155	SA-AIR1 levels not related to field activities
Oct 29	All Below	3.2437	0.0967	6.4025	2.3389	SA-AIR3 levels not related to field activities
Oct 30	All Below	10.808	0.0482	0.9555	2.1567	SA-AIR1 levels not related to field activities
Oct 31	All Below	6.7927	0.0301	0.1995	0.8636	SA-AIR1 levels not related to field activities

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 1	All Below	Below Detectable Levels	Below Detectable Levels	0.000430	0.000150	--
Oct 2	All Below	Below Detectable Levels	Below Detectable Levels	0.002360	0.000210	--
Oct 3	All Below	Below Detectable Levels	Below Detectable Levels	0.000095	0.000069	--
Oct 4	All Below	Below Detectable Levels	Below Detectable Levels	0.000079	0.000057	--
Oct 5	All Below	Below Detectable Levels	Below Detectable Levels	0.002060	0.000054	--
Oct 6	All Below	Below Detectable Levels	Below Detectable Levels	0.000870	0.000140	--
Oct 7	All Below	Below Detectable Levels	Below Detectable Levels	0.001100	0.001560	--
Oct 8	All Below	Below Detectable Levels	Below Detectable Levels	0.001060	0.001490	--
Oct 9	All Below	Below Detectable Levels	Below Detectable Levels	0.001270	0.000480	--
Oct 10	All Below	Below Detectable Levels	Below Detectable Levels	0.000510	0.000098	--
Oct 11	All Below	Below Detectable Levels	Below Detectable Levels	0.000380	0.000140	--
Oct 12	All Below	Below Detectable Levels	Below Detectable Levels	0.000160	0.000130	--
Oct 13	All Below	Below Detectable Levels	Below Detectable Levels	0.000230	0.001500	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 14	All Below	Below Detectable Levels	Below Detectable Levels	0.001780	0.000570	--
Oct 15	All Below	Below Detectable Levels	Below Detectable Levels	0.001880	0.000910	--
Oct 16	All Below	Below Detectable Levels	Below Detectable Levels	0.001420	0.000790	--
Oct 17	All Below	Below Detectable Levels	Below Detectable Levels	0.000500	0.000300	--
Oct 18	All Below	Below Detectable Levels	Below Detectable Levels	0.001130	0.000059	--
Oct 19	All Below	Below Detectable Levels	Below Detectable Levels	0.002570	0.000070	--
Oct 20	All Below	Below Detectable Levels	Below Detectable Levels	0.000830	0.000254	--
Oct 21	All Below	Below Detectable Levels	Below Detectable Levels	0.000810	0.000399	--
Oct 22	All Below	Below Detectable Levels	Below Detectable Levels	0.000120	0.000110	--
Oct 23	All Below	Below Detectable Levels	Below Detectable Levels	0.000650	0.001800	--
Oct 24	All Below	Below Detectable Levels	Below Detectable Levels	0.000500	0.000990	--
Oct 25	All Below	Below Detectable Levels	Below Detectable Levels	0.001570	0.000530	--
Oct 26	All Below	Below Detectable Levels	Below Detectable Levels	0.001680	0.000490	--
Oct 27	All Below	Below Detectable Levels	Below Detectable Levels	0.000380	0.000110	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 28	All Below	Below Detectable Levels	Below Detectable Levels	0.000690	0.000180	--
Oct 29	All Below	Below Detectable Levels	Below Detectable Levels	0.001120	0.000590	--
Oct 30	All Below	Below Detectable Levels	Below Detectable Levels	0.000890	0.001250	--
Oct 31	All Below	Below Detectable Levels	Below Detectable Levels	0.001450	0.000170	--

NA = Data not collected or recorded
 Total PCBs (micrograms per cubic meter)

2019 Air PCB Data - Mobile River Stations
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
Oct 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 5	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 6	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--

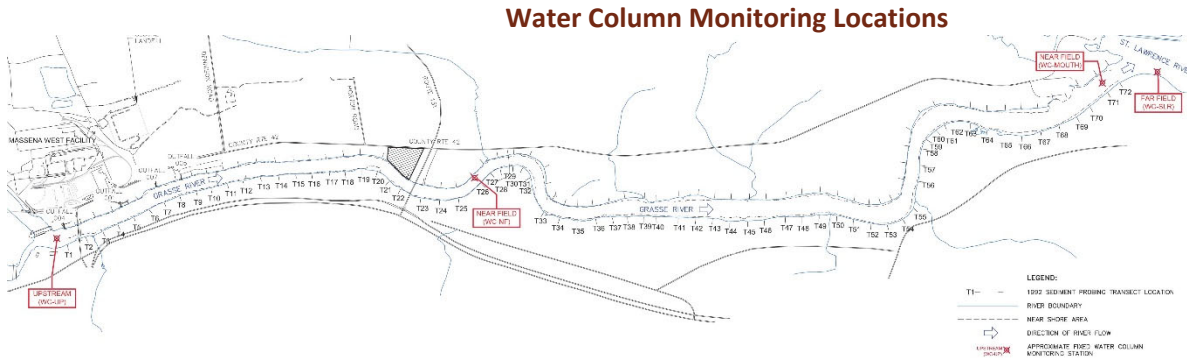
		Monitoring Station ID (see figure)						
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	DC-M5	DC-M6	Notes
Oct 8	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 9	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 10	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 11	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 12	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 13	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 15	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 16	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--
Oct 17	All Below	--	Below Detectable Levels	Below Detectable Levels	--	--	--	--
Oct 23	All Below	--	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--	--

NA = Data not collected or recorded

Total PCBs (micrograms per cubic meter)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.



2019 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 1	All Below	Below Detectable Levels	7.6	9.6	Below Detectable Levels	--
Oct 2	All Below	Below Detectable Levels	8.0	8.0	5.2	--
Oct 3	All Below	Below Detectable Levels	7.6	10.0	4.0	--
Oct 4	All Below	Below Detectable Levels	6.0	--	Below Detectable Levels	--
Oct 5	All Below	Below Detectable Levels	15.2	--	Below Detectable Levels	--
Oct 7	All Below	Below Detectable Levels	6.0	6.0	Below Detectable Levels	--
Oct 8	All Below	Below Detectable Levels	4.8	4.4	Below Detectable Levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 9	All Below	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
Oct 10	All Below	Below Detectable Levels	7.6	Below Detectable Levels	Below Detectable Levels	--
Oct 11	All Below	Below Detectable Levels	4.0	--	Below Detectable Levels	--
Oct 12	All Below	Below Detectable Levels	4.8	--	Below Detectable Levels	--
Oct 14	All Below	Below Detectable Levels	5.6	--	Below Detectable Levels	--
Oct 15	All Below	Below Detectable Levels	8.0	--	Below Detectable Levels	--
Oct 16	All Below	Below Detectable Levels	4.4	5.2	Below Detectable Levels	--
Oct 17	All Below	4.0	32.8	10.8	4.8	--
Oct 18	All Below	Below Detectable Levels	9.6	12.4	Below Detectable Levels	--
Oct 19	All Below	18.8	Below Detectable Levels	4.0	Below Detectable Levels	--
Oct 21	All Below	6.0	4.8	4.0	Below Detectable Levels	--
Oct 22	All Below	42.4	6.4	--	Below Detectable Levels	--
Oct 23	All Below	Below Detectable Levels	8.8	6.8	Below Detectable Levels	--
Oct 24	All Below	Below Detectable Levels	8.8	--	Below Detectable Levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 25	All Below	Below Detectable Levels	6.0	--	Below Detectable Levels	--
Oct 26	All Below	Below Detectable Levels	5.6	--	Below Detectable Levels	--
Oct 28	All Below	Below Detectable Levels	4.0	--	Below Detectable Levels	--
Oct 29	All Below	11.2	5.2	--	Below Detectable Levels	--
Oct 30	All Below	7.2	4.0	--	Below Detectable Levels	--
Oct 31	All Below	Below Detectable Levels	6.4	--	Below Detectable Levels	--

Total Suspended Solids (TSS; milligrams per liter)

TSS values in parentheses represent an additional NF station sampled closer to the upstream work platform.

2019 Water Column PCB Data

(Corrective Action Level at WC-SLR = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 1	All Below	Below Detectable Levels	0.063000	Below Detectable Levels	--
Oct 2	All Below	0.097000	0.088000	Below Detectable Levels	--
Oct 3	All Below	0.082000	0.081000	Below Detectable Levels	--
Oct 4	All Below	Below Detectable Levels	--	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 5	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 9	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 11	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 12	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 14	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 15	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 22	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 24	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 25	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 26	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 28	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 29	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 30	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Oct 31	All Below	Below Detectable Levels	--	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data (Corrective Action Level = 25 NTU above Baseline Level)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 1	All Below	0.8	1.7	0.7	--
Oct 2	All Below	0.7	1.3	1.0	--
Oct 3	All Below	1.6	1.9	0.8	--
Oct 4	All Below	0.8	1.9	0.6	--
Oct 5	All Below	0.5	2.6	0.3	--
Oct 7	All Below	0.6	2.0	0.2	--
Oct 8	All Below	0.8	2.8	0.2	--
Oct 9	All Below	0.5	0.2	1.0	--
Oct 10	All Below	0.5	1.7	0.3	--
Oct 11	All Below	2.9	1.7	0.3	--
Oct 12	All Below	0.5	1.6	0.5	--
Oct 14	All Below	0.9	1.4	0.5	--
Oct 15	All Below	0.9	1.4	0.5	--
Oct 16	All Below	0.9	1.1	0.5	--
Oct 17	All Below	0.7	1.3	0.6	--
Oct 18	All Below	0.6	3.8	0.9	--
Oct 19	All Below	1.1	1.3	0.6	--
Oct 21	All Below	0.8	1.5	0.9	--
Oct 22	All Below	0.7	1.2	0.5	--
Oct 23	All Below	1.0	1.1	0.5	--
Oct 24	All Below	0.8	1.4	0.5	--
Oct 25	All Below	0.8	1.2	0.6	--
Oct 26	All Below	0.7	1.3	0.5	--
Oct 28	All Below	1.1	2.2	0.6	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 29	All Below	1.0	1.6	0.6	--
Oct 30	All Below	1.0	1.9	0.5	--
Oct 31	All Below	0.8	1.3	0.6	--

NA = Data not collected or recorded

Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

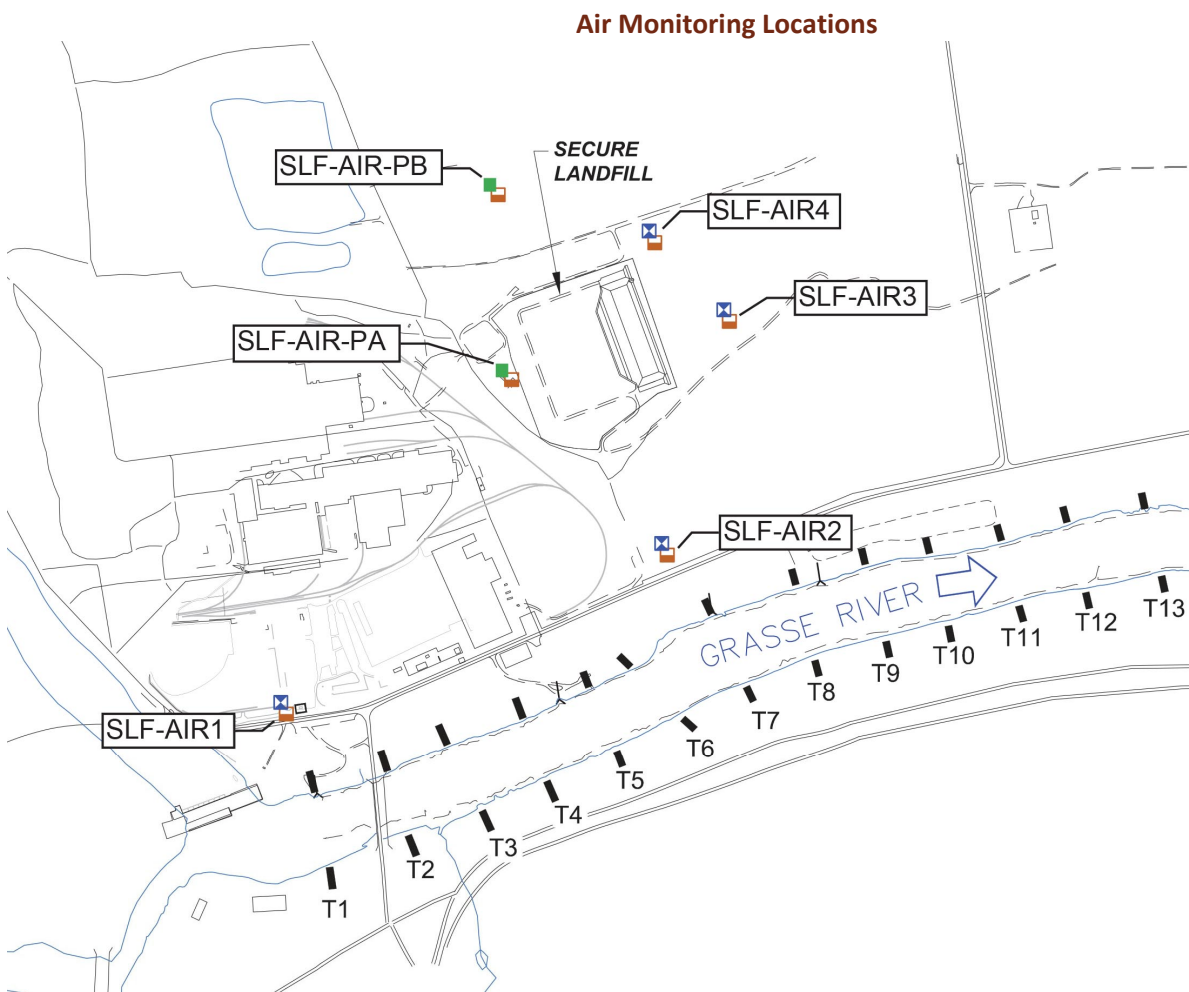
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Oct 31	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)

November 2019

Air Monitoring - 2019 Secure Landfill Construction and Operation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data

(Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 1	All Below	0.0324	0.0164	0.0345	0.0449	0.042	0.0449	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 2	All Below	0.0091	0.0091	0.0109	0.0307	0.0237	0.0193	--
Nov 3	All Below	0.0173	0.0106	0.0328	0.029	NA	NA	--
Nov 4	All Below	0.0156	0.0077	0.0177	0.0321	NA	NA	--
Nov 5	All Below	0.0199	0.0087	0.0197	0.02	0.0183	0.0181	--
Nov 6	All Below	0.018	0.0081	0.0254	0.0251	0.0234	0.0287	--
Nov 7	All Below	0.0159	0.0073	0.0185	0.0273	0.0186	0.0226	--
Nov 8	All Below	0.0171	0.007	0.0178	0.0291	0.0203	0.0229	--
Nov 9	All Below	0.0097	0.0095	0.0157	0.0339	0.0239	0.0242	--
Nov 10	All Below	0.0209	0.0015	0.0291	0.0346	NA	NA	--
Nov 11	All Below	0.0274	0.0115	0.0441	0.035	NA	NA	--
Nov 12	All Below	0.0142	0.0071	0.0219	0.0282	0.0218	0.0234	--

NA = Data not collected

Particulates (milligrams per cubic meter)

**2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)**

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 1	All Below	1.469	0.0569	0.3567	0.2178	0.0096	0.501	--
Nov 2	All Below	1.1889	0.0755	0.8023	0.0348	0.0003	0.4923	--
Nov 3	All Below	0.9603	0.0533	0.5055	0.0893	NA	NA	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 4	All Below	0.7451	0.06	0.2705	0.0822	NA	NA	--
Nov 5	All Below	0.3259	0.0138	0.7567	0.0357	0.0113	1.1781	--
Nov 6	All Below	0.6507	0.0492	0.9875	0.1245	0.0122	0.1021	--
Nov 7	All Below	0.6069	0.0101	1.0163	0.1207	0.0067	NA	--
Nov 8	All Below	0.1337	0.0374	0.8969	0.0273	0.0003	1.2017	--
Nov 9	All Below	0.0001	0.0286	0.8799	0.0713	0	0.7183	--
Nov 10	All Below	0.3524	0.0271	1.3192	0.0954	NA	NA	--
Nov 11	All Below	0	0.0323	1.6162	0.0931	NA	NA	--
Nov 12	All Below	0.2737	0.0299	0	0.0412	0	0.4909	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data

(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 1	All Below	0.000160	0.000420	0.000360	0.000480	Below Detectable Levels	Below Detectable Levels	--
Nov 2	All Below	0.000044	0.000250	0.000350	0.000230	Below Detectable Levels	Below Detectable Levels	--
Nov 3	All Below	0.000081	0.000230	0.000400	0.000530	NA	NA	--
Nov 4	All Below	0.000047	0.000300	0.000470	0.000250	NA	NA	--

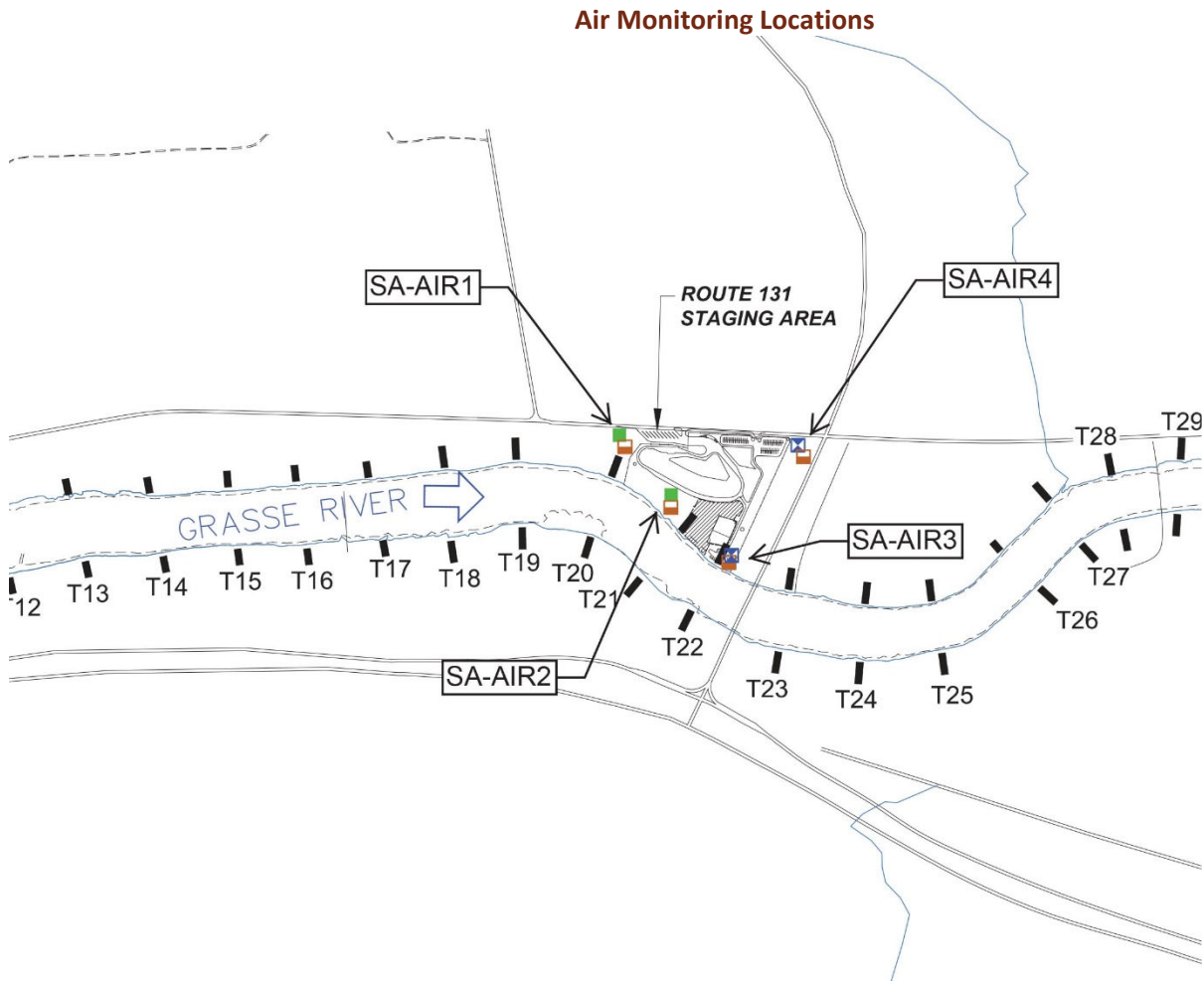
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 5	All Below	0.000050	0.000210	0.000100	0.000810	NA	NA	--
Nov 6	All Below	0.000052	0.000270	0.000620	0.000310	NA	NA	--
Nov 7	All Below	0.000052	0.000210	0.001660	0.000320	Below Detectable Levels	Below Detectable Levels	--
Nov 8	All Below	0.000100	0.000760	0.000170	0.000051	Below Detectable Levels	Below Detectable Levels	--
Nov 9	All Below	0.000093	0.000091	0.000140	0.000130	NA	NA	--
Nov 10	All Below	0.000097	0.000130	0.000180	0.001190	NA	NA	--
Nov 11	All Below	0.000059	0.000130	0.000300	0.000350	NA	NA	--
Nov 12	All Below	0.000049	0.000041	Below Detectable Levels	0.000060	Below Detectable Levels	NA	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2019 River Remediation (Including Route 131 Staging Area and River Locations)

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs) and sampling for PCB analytical testing. Corrective action levels have been established based on levels that are safe for the community for particulates, VOCs, and PCBs. The actual monitoring results are compared to the corrective action levels to determine if adjustments in construction are needed. The air monitoring locations and tabulated results are provided below.



2019 Air Particulate Data (Corrective Action Level = 0.150 milligram per cubic meter above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 1	All Below	0.0458	0.0336	0.0374	0.0337	--
Nov 2	All Below	0.0123	0.011	0.0152	0.0135	--
Nov 3	All Below	0.0262	0.0217	0.0263	0.0229	--
Nov 4	All Below	0.0174	0.0131	0.018	0.0136	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 5	All Below	0.0123	0.0092	0.0115	0.0118	--
Nov 6	All Below	0.0248	0.017	0.0239	0.0235	--
Nov 7	All Below	0.0167	0.0141	0.0657	0.0179	--
Nov 8	All Below	0.0179	0.0114	0.0328	0.0189	--
Nov 9	All Below	0.0247	0.0245	0.0292	0.0292	--
Nov 10	All Below	0.0157	0.0117	0.0161	0.0139	--
Nov 11	All Below	0.0235	0.0221	0.027	0.0207	--
Nov 12	All Below	0.0226	0.019	0.0212	0.0207	--
Nov 13	All Below	0.0072	0.0093	0.0148	0.01	--
Nov 14	All Below	0.0137	0.0141	0.0202	--	--
Nov 15	All Below	0.0636	0.0502	0.0638	0.0528	--
Nov 16	All Below	0.048	0.0397	0.0487	0.0399	--
Nov 17	All Below	0.0446	0.0365	0.054	0.0616	--
Nov 18	All Below	0.0581	0.0506	0.0615	0.0609	--
Nov 19	All Below	0.0667	0.0563	0.0696	0.0619	--
Nov 20	All Below	0.0243	0.0223	0.0275	0.0266	--
Nov 21	All Below	0.0338	0.0312	0.0401	0.0353	--

NA = Data not collected or recorded
 Particulates (milligrams per cubic meter)

2019 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 1	All Below	3.2159	0.2479	0.8267	1.6498	--
Nov 2	All Below	0	0.0493	1.1255	1.3207	--
Nov 3	All Below	0	0.0173	0.0025	0.6635	--
Nov 4	All Below	2.4725	0.0075	0.0315	0.7442	--
Nov 5	All Below	2.9144	0.0273	0.1129	0.4527	--
Nov 6	All Below	3.1127	0.0007	0.3064	0.3541	--
Nov 7	All Below	0	0.0128	0.5159	0.5391	--
Nov 8	All Below	0.8635	0.0015	0.4631	1.2237	--
Nov 9	All Below	0.4317	0.0566	0.7005	1.2519	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 10	All Below	3.9883	0.0001	0.0538	0.3003	--
Nov 11	All Below	0	0	0.5643	0.0329	--
Nov 12	All Below	0	0	0.5691	0.2434	--
Nov 13	All Below	0.0334	0	1.9883	0.4264	--
Nov 14	All Below	0	0	0.0497	--	--
Nov 15	All Below	2.9422	0	0.0045	0.0906	--
Nov 16	All Below	0	0.0728	0	1.3134	--
Nov 17	All Below	0.271	0.0213	0.3875	0.8332	--
Nov 18	All Below	6.8027	0	0	0.3703	SA-AIR1 levels not related to field activities.
Nov 19	All Below	4.0452	0.4896	0	0.0005	--
Nov 20	All Below	0	0.0235	0.135	NA	--
Nov 21	All Below	5.0777	0.013	0.0639	0.0566	SA-AIR1 levels not related to field activities.

NA = Data not collected or recorded
Volatile Organic Compounds (VOCs parts per million)

2019 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 1	All Below	Below Detectable Levels	Below Detectable Levels	0.000940	0.000310	--
Nov 2	All Below	Below Detectable Levels	Below Detectable Levels	0.000610	0.000280	--
Nov 3	All Below	Below Detectable Levels	Below Detectable Levels	0.000320	0.000390	--

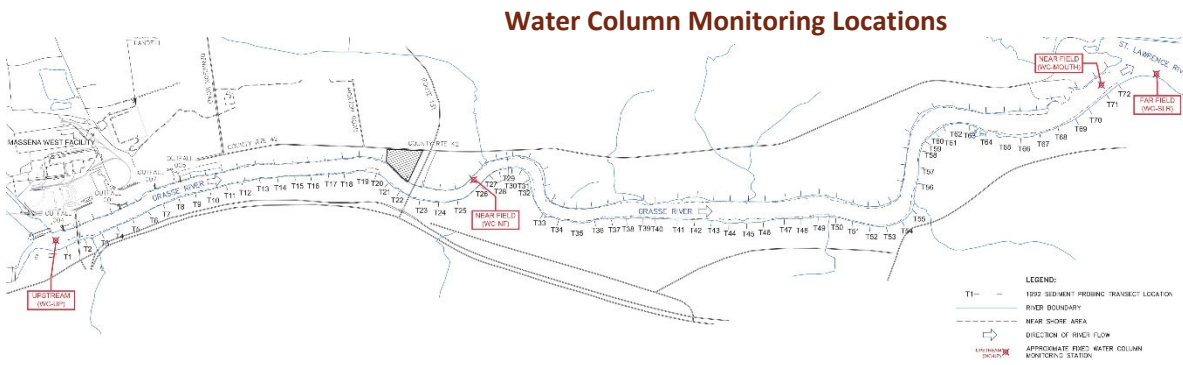
		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 4	All Below	Below Detectable Levels	Below Detectable Levels	0.000400	0.000440	--
Nov 5	All Below	Below Detectable Levels	Below Detectable Levels	0.000061	0.000500	--
Nov 6	All Below	Below Detectable Levels	Below Detectable Levels	0.000298	0.000780	--
Nov 7	All Below	Below Detectable Levels	Below Detectable Levels	0.000920	0.000340	--
Nov 8	All Below	Below Detectable Levels	Below Detectable Levels	0.000140	0.000031	--
Nov 9	All Below	Below Detectable Levels	Below Detectable Levels	0.000287	0.000094	--
Nov 10	All Below	Below Detectable Levels	Below Detectable Levels	0.000063	0.000277	--
Nov 11	All Below	Below Detectable Levels	Below Detectable Levels	0.000340	0.000246	--
Nov 12	All Below	Below Detectable Levels	Below Detectable Levels	0.000289	0.000024	--
Nov 13	All Below	Below Detectable Levels	Below Detectable Levels	0.000110	0.000097	--
Nov 14	All Below	Below Detectable Levels	Below Detectable Levels	0.000031	0.000089	--
Nov 15	All Below	Below Detectable Levels	Below Detectable Levels	0.000074	0.000096	--
Nov 16	All Below	Below Detectable Levels	Below Detectable Levels	0.000058	0.000032	--
Nov 17	All Below	Below Detectable Levels	Below Detectable Levels	0.000038	0.000031	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 18	All Below	Below Detectable Levels	Below Detectable Levels	0.000035	0.000027	--

NA = Data not collected or recorded
 Total PCBs (micrograms per cubic meter)

Water Monitoring - 2019 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at water column and water intake locations. Corrective action levels have been established based on levels that are safe for the community for both turbidity and PCBs. The actual monitoring results will be compared to the corrective action levels to determine if adjustments in construction are needed. The water locations and tabulated results are provided below.



2019 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Nov 2	All Below	30.4	8.0	--	5.6	--
Nov 4	All Below	7.2	4.4	--	5.6	--
Nov 5	All Below	4.0	Below Detectable Levels	--	Below Detectable Levels	--
Nov 6	All Below	Below Detectable Levels	Below Detectable Levels	--	Below Detectable Levels	--
Nov 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF	WC-MOUTH	WC-SLR	Notes
Nov 8	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Nov 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Nov 10	All Below	Below Detectable Levels	7.2	6.4	Below Detectable Levels	--
Nov 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total Suspended Solids (TSS; milligrams per liter)

TSS values in parentheses represent an additional NF station sampled closer to the upstream work platform.

2019 Water Column PCB Data

(Corrective Action Level at WC-SLR = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Nov 2	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Nov 4	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Nov 5	All Below	Below Detectable Levels	--	Below Detectable Levels	--
Nov 6	All Below	Below Detectable Levels	--	Below Detectable Levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2019 Water Intake Turbidity Data (Corrective Action Level = 25 NTU above Baseline Level)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Nov 2	All Below	1.0	6.3	0.4	--
Nov 4	All Below	1.4	2.4	0.8	--
Nov 5	All Below	1.3	1.9	0.7	--
Nov 6	All Below	1.3	2.3	0.5	--
Nov 7	All Below	1.2	1.7	0.6	--
Nov 8	All Below	1.1	1.8	0.7	--
Nov 9	All Below	0.5	1.6	0.5	--
Nov 10	All Below	1.6	1.6	0.6	--
Nov 11	All Below	0.5	1.5	0.5	--
Nov 12	All Below	0.5	1.5	0.6	--
Nov 13	All Below	0.5	1.4	0.5	--
Nov 14	All Below	0.5	1.2	1.2	--
Nov 15	All Below	0.4	1.4	0.6	--

NA = Data not collected or recorded
Turbidity (nephelometric turbidity unit; NTU)

2019 Water Intake PCB Data (Corrective Action Level = 0.5 microgram per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Nov 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Nov 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Nov 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Nov 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

Total PCBs (micrograms per liter)