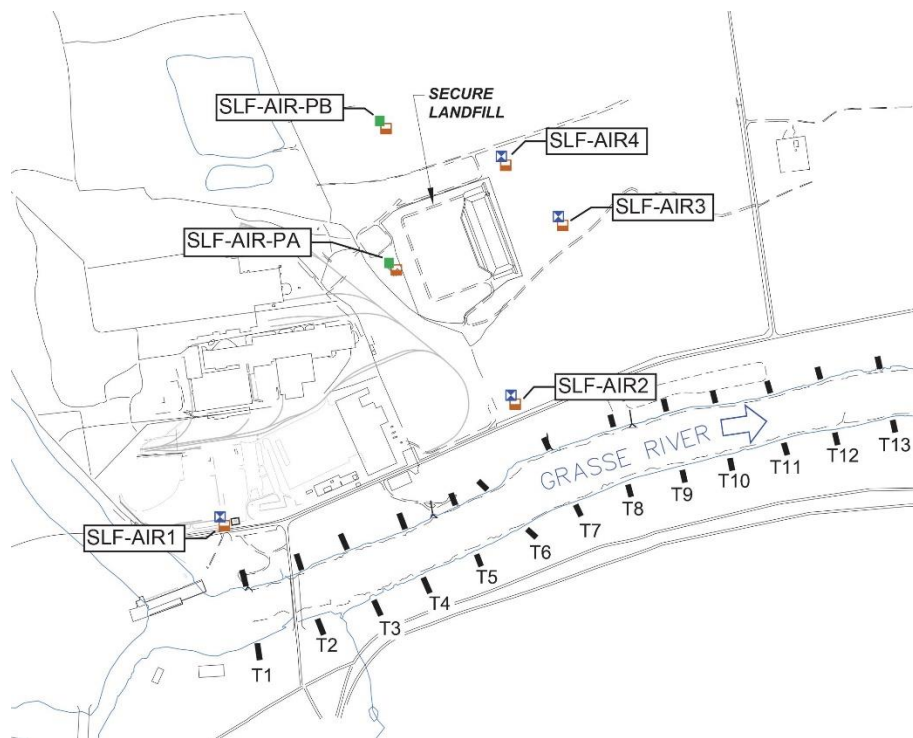


May 2020

Air Monitoring - 2020 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.



2020 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 8	All Below	0.0148	0.0351	0.0131	0.0145	0.0253	0.0093	--
May 9	All Below	0.0191	0.0166	0.0157	0.0149	0.0291	0.0197	--

		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 10	All Below	0.0091	0.008	0.007	0.006	0.019	0.006	--
May 11	All Below	0.0241	0.0234	0.017	0.021	--	--	--
May 12	All Below	0.0104	0.0097	0.007	0.0113	0.023	0.009	--
May 13	All Below	0.012	0.0209	0.009	0.012	0.0337	0.0113	--
May 14	All Below	0.013	0.0137	0.0098	0.0125	0.0291	0.0123	--
May 15	All Below	0.016	0.0187	0.0131	0.0121	0.0033	0.017	--
May 16	All Below	0.0409	0.0388	0.0286	0.0336	0.0655	0.0416	--
May 17	All Below	0.0483	0.0426	0.0351	0.0378	0.0693	0.0678	--
May 18	All Below	0.0275	0.0307	0.0215	0.0224	--	--	--
May 19	All Below	0.0031	0.002	0.0021	0.002	0.0275	0.006	--
May 20	All Below	0.0265	0.0079	0.008	0.0097	0.0186	0.0089	--
May 21	All Below	0.0558	0.0483	0.0325	0.0269	0.1003	0.0354	SLF-AIR-PA levels not related to field activities
May 22	All Below	0.0253	0.0131	0.0115	0.2195	0.013	0.0303	SLF-AIR4 levels not related to field activities
May 23	All Below	0.0157	0.0166	0.0218	0.1559	0.0113	0.0136	SLF-AIR4 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
								not related to field activities
May 24	All Below	0.0203	0.0141	0.0108	--	0.0201	0.0151	--
May 25	All Below	0.0721	0.0299	0.0197	0.0174	--	--	--
May 26	All Below	0.0454	0.0412	0.0361	0.0326	--	--	--
May 27	All Below	0.0467	0.0381	0.0608	0.0349	0.0713	0.0581	--
May 28	All Below	0.0409	0.0445	0.0318	0.0303	0.0387	0.0221	--
May 29	All Below	0.0235	0.0326	0.0171	0.03	0.0201	0.0199	--
May 30	All Below	0.0183	0.0128	0.0267	0.0123	0.0882	0.0135	--
May 31	All Below	0.009	0.0076	0.0056	0.0079	0.0131	0.0159	--

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

2020 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 8	All Below	0.1223	0.082	0.1317	0.1539	0	0.2334	--
May 9	All Below	0.0483	0.2623	0.0797	0.0342	0	0.0795	--

		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 10	All Below	0.0501	0.2557	0.0798	0.0281	0	0.0434	--
May 11	All Below	0.0213	0	0.0045	0.0347	--	--	--
May 12	All Below	0.0001	0.2086	0.0575	0.0244	0	0.0044	--
May 13	All Below	0	0.0991	0.052	0.0449	0	0.0401	--
May 14	All Below	0	0	0.0062	0.0903	0	0.0201	--
May 15	All Below	0	0	0	0.1381	0.0794	0.0679	--
May 16	All Below	0	0	0	0.0293	0	0.0782	--
May 17	All Below	0	0	0.2727	0.1067	0.0194	0.0103	--
May 18	All Below	0.0454	0.0397	0.4231	0.1419	--	--	--
May 19	All Below	0.0896	0.228	0.0949	0.1373	0.0836	0.0485	--
May 20	All Below	0.0665	0	0.0111	0.0649	0.0403	0.0459	--
May 21	All Below	0.0741	0.0055	0.0017	0.1437	0.0255	0.1507	--
May 22	All Below	0.0422	0.1227	0.0003	0.1183	0.0345	0.0809	--
May 23	All Below	0.1756	0	0	0.1737	0.0553	0.1508	--
May 24	All Below	0.0049	0.1169	0	0.0947	0.0557	0.0261	--
May 25	All Below	0.0662	0.0551	0	0.1127	--	--	--
May 26	All Below	0.0419	0	0.3722	0	--	--	--
May 27	All Below	0.1474	0.0067	0.0107	0.129	0	0.7929	--

		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 28	All Below	0.1589	0.0867	0.0004	0.1206	0.1268	0.198	--
May 29	All Below	0.1023	0	0.0018	0.1152	0.0093	0.0901	--
May 30	All Below	0.0791	0.1599	0.2479	0.0888	0.1085	0.0887	--
May 31	All Below	0.1139	0.2141	0.2485	0.0187	0.0896	0.0321	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2020 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 8	All Below	0.000160	0.000390	0.000550	0.000350	Below detectable levels	Below detectable levels	--
May 9	All Below	0.000080	0.000170	0.000420	0.000180	Below detectable levels	Below detectable levels	--
May 10	All Below	0.000080	0.000140	0.000120	0.000060	--	--	--
May 10	All Below	0.000080	0.000440	0.000400	0.000140	--	--	--
May 12	All Below	0.000080	0.000140	0.000170	0.000320	Below detectable levels	Below detectable levels	--
May 13	All Below	0.000064	0.000241	0.000320	0.000159	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 14	All Below	0.000120	0.000360	0.000230	0.000250	Below detectable levels	Below detectable levels	--
May 15	All Below	0.000500	0.001090	0.001160	0.000890	Below detectable levels	Below detectable levels	--
May 16	All Below	0.000280	0.000520	0.000730	0.000400	Below detectable levels	Below detectable levels	--
May 17	All Below	0.000200	0.000500	0.001370	0.000850	Below detectable levels	Below detectable levels	--
May 18	All Below	0.000220	0.000280	0.000400	0.000200	--	--	--
May 19	All Below	0.000180	0.000290	Below detectable levels	Below detectable levels	Below detectable levels	--	--
May 20	All Below	0.000370	0.000310	Below detectable levels	0.000360	Below detectable levels	Below detectable levels	--
May 21	All Below	0.000380	0.000560	0.001380	0.000850	Below detectable levels	Below detectable levels	--
May 22	All Below	0.000280	0.000960	0.001290	0.000580	Below detectable levels	Below detectable levels	--
May 23	All Below	0.000520	0.000900	0.000570	0.000560	Below detectable levels	Below detectable levels	--
May 24	All Below	0.000300	0.000360	Below detectable levels	0.000300	--	--	--
May 25	All Below	0.000290	0.000450	Below detectable levels	0.000620	--	--	--
May 26	All Below	0.000280	0.000680	0.000710	0.000870	--	--	--

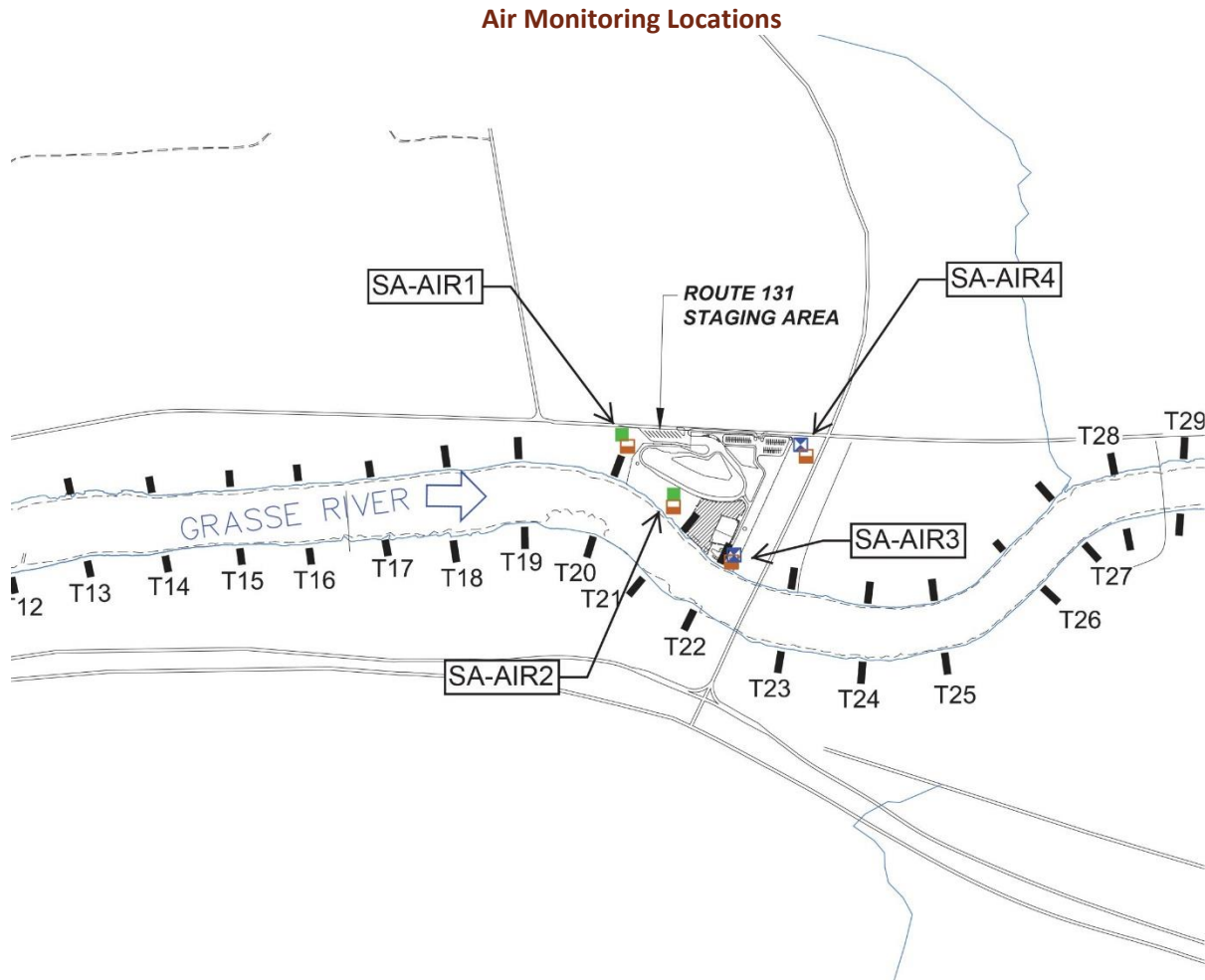
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
May 27	All Below	0.000570	0.001820	0.001500	0.001160	Below detectable levels	Below detectable levels	--
May 28	All Below	0.000480	0.001250	0.002820	0.002040	--	--	--
May 29	All Below	0.000220	0.000900	0.002570	0.001000	Below detectable levels	Below detectable levels	--
May 30	All Below	0.000320	0.000960	0.003600	0.001840	--	--	--
May 31	All Below	0.000120	0.000290	0.002810	0.000220	--	--	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2020 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.



2020 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 9	All Below	0.0093	0.0168	0.0067	0.0295	--
May 10	All Below	0.0069	0.0108	0.0201	0.0114	--
May 11	All Below	0.0159	0.0261	0.0188	0.0267	--
May 12	All Below	0.0081	0.0093	0.008	0.0107	--
May 13	All Below	0.008	0.013	0.0221	0.0145	--
May 14	All Below	0.0149	0.0228	0.0225	0.0242	--
May 15	All Below	0.1048	0.0203	0.0223	0.0202	SA-AIR1 levels not related to field activities
May 16	All Below	0.0291	0.0415	0.0382	0.0393	--
May 17	All Below	0.0218	0.0321	0.0272	0.0323	--
May 18	All Below	0.0239	0.0295	0.0281	0.0349	--
May 19	All Below	0.006	0.0441	0.015	0.0091	--
May 20	All Below	0.0137	0.078	0.0137	0.0206	--
May 21	All Below	0.0334	0.0512	0.0383	0.052	--
May 22	All Below	0.0182	0.0267	0.0193	0.038	--
May 23	All Below	0.0174	0.0688	0.0266	0.0275	--
May 24	All Below	0.0111	0.0675	0.0155	0.018	--
May 25	All Below	0.0184	0.0254	0.0337	0.0285	--
May 26	All Below	0.0314	0.0435	0.031	0.0427	--
May 27	All Below	0.0897	0.1267	0.1537	0.1542	SA-AIR2, SA-AIR3 and SA-AIR4 levels not related to field activities
May 28	All Below	0.0448	0.0994	0.081	0.229	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
May 29	All Below	0.0203	0.0417	0.0165	0.0637	--
May 30	All Below	0.0122	0.016	0.0134	0.023	--
May 31	All Below	0.0059	0.0073	0.0189	0.0115	--

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

2020 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 9	All Below	0	0.2471	0.2026	0.1693	--
May 10	All Below	0	0.0421	0.0685	0.1361	--
May 11	All Below	0.0487	0.1155	0	0.0974	--
May 12	All Below	0.0089	0.0406	0.0081	0.0009	--
May 13	All Below	0.0029	0.2131	0.086	0.0513	--
May 14	All Below	0.0009	0.1931	0.0289	0.1169	--
May 15	All Below	0.0091	0	0.0664	0.0998	--
May 16	All Below	0	0.0095	0	0	--
May 17	All Below	0	1.1134	0.0367	0.0161	--
May 18	All Below	0.0009	1.2047	0.0602	0.0153	--
May 19	All Below	0.0234	0.7321	0.0358	0.1246	--
May 20	All Below	0.0546	3.6819	0.3545	0.1075	--
May 21	All Below	0.0311	1.5577	0.0523	0.081	--
May 22	All Below	0.0072	2.6435	0.0421	0.1	--
May 23	All Below	0	2.6633	0.1099	0.0345	--
May 24	All Below	0	1.2565	0.0315	0.1155	--
May 25	All Below	0	1.9008	0.0307	0.1087	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 26	All Below	0	19.102	0.0001	0	SA-AIR2 levels not related to field activities
May 27	All Below	0.0037	30.78	0.1563	0.095	SA-AIR2 levels not related to field activities
May 28	All Below	0.0295	0.4503	0.0892	0.103	--
May 29	All Below	0.003	5.5687	0.2647	0.109	SA-AIR2 levels not related to field activities
May 30	All Below	0.0022	0.0059	0.0697	0.042	--
May 31	All Below	0.0017	8.6097	0.0344	0.21	SA-AIR2 levels not related to field activities

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

**2020 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 9	All Below	Below detectable levels	Below detectable levels	0.000130	0.000140	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 10	All Below	Below detectable levels	Below detectable levels	0.000190	0.000050	--
May 11	All Below	Below detectable levels	Below detectable levels	0.000160	0.000140	--
May 12	All Below	Below detectable levels	Below detectable levels	0.000110	0.000070	--
May 13	All Below	Below detectable levels	Below detectable levels	0.000124	0.000093	--
May 14	All Below	Below detectable levels	Below detectable levels	0.000280	0.000160	--
May 15	All Below	Below detectable levels	Below detectable levels	0.000380	0.000430	--
May 16	All Below	Below detectable levels	Below detectable levels	0.000420	0.000210	--
May 17	All Below	Below detectable levels	Below detectable levels	0.000240	0.000150	--
May 18	All Below	Below detectable levels	Below detectable levels	0.000190	0.000040	--
May 19	All Below	Below detectable levels	Below detectable levels	0.000250	0.000220	--
May 20	All Below	Below detectable levels	Below detectable levels	0.000320	0.000280	--
May 21	All Below	Below detectable levels	Below detectable levels	Below detectable levels	0.000310	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
May 22	All Below	Below detectable levels	--	--	Below detectable levels	--
May 23	All Below	Below detectable levels	Below detectable levels	0.000640	0.000400	--
May 24	All Below	Below detectable levels	Below detectable levels	0.000280	0.000350	--
May 25	All Below	Below detectable levels	Below detectable levels	0.000160	0.000250	--
May 26	All Below	Below detectable levels	Below detectable levels	0.000290	0.000320	--
May 27	All Below	Below detectable levels	Below detectable levels	0.000490	0.000580	--
May 28	All Below	Below detectable levels	Below detectable levels	0.000690	0.000760	--
May 29	All Below	Below detectable levels	Below detectable levels	0.000290	0.001560	--
May 30	All Below	Below detectable levels	Below detectable levels	0.000350	0.001440	--
May 31	All Below	Below detectable levels	Below detectable levels	0.000880	0.000380	--

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

Dredge Corridor Monitoring Locations (click to enlarge)



■ Proposed Air Monitoring Station

**2020 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	Notes
May 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

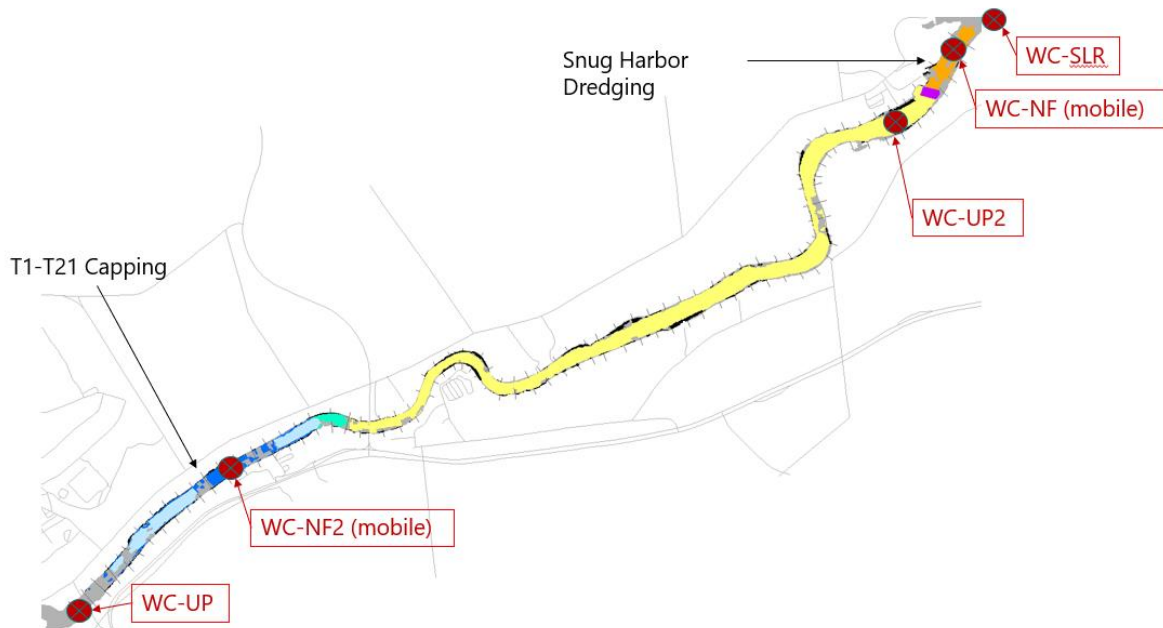
		Monitoring Station ID (see figure)				
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	Notes
May 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
May 31	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)

Water Monitoring - 2020 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at the water intake locations. Program also includes total suspended solids (TSS) and PCB analytical testing at the river 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 (click to enlarge)



2020 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		WC-UP	WC-NF2	WC-NF	WC-SLR	
May 18	All Below	Below detectable levels	--	6.8	Below detectable levels	--
May 19	All Below	Below detectable levels	--	8.4	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
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 26	All Below	Below detectable levels	--	5.2	Below detectable levels	--
May 27	All Below	Below detectable levels	--	5.2	Below detectable levels	--
May 28	All Below	Below detectable levels	4.0	8.8	Below detectable levels	--
May 29	All Below	Below detectable levels	9.6	7.2	Below detectable levels	--
May 30	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.

2020 Water Column PCB Data
(Corrective Action Level at WC-SLR = 0.5 micrograms per liter)

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
May 18	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
May 19	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 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
May 27	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	

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2020 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	
May 15	All Below	1.1	0.9	0.3	Baseline monitoring event
May 18	All Below	0.3	1.7	0.2	--
May 19	All Below	0.3	2.1	0.4	--
May 20	All Below	0.2	1.2	0.1	--
May 21	All Below	0.6	0.6	0.1	--
May 22	All Below	0.4	1.1	0.2	--
May 23	All Below	0.4	1.4	0.2	--
May 26	All Below	0.3	0.3	0.3	--
May 27	All Below	0.1	0.5	0.1	--
May 28	All Below	0.5	0.6	0.1	--
May 29	All Below	0.3	0.5	0.2	--
May 30	All Below	0.2	0.7	0.2	--

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

2020 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

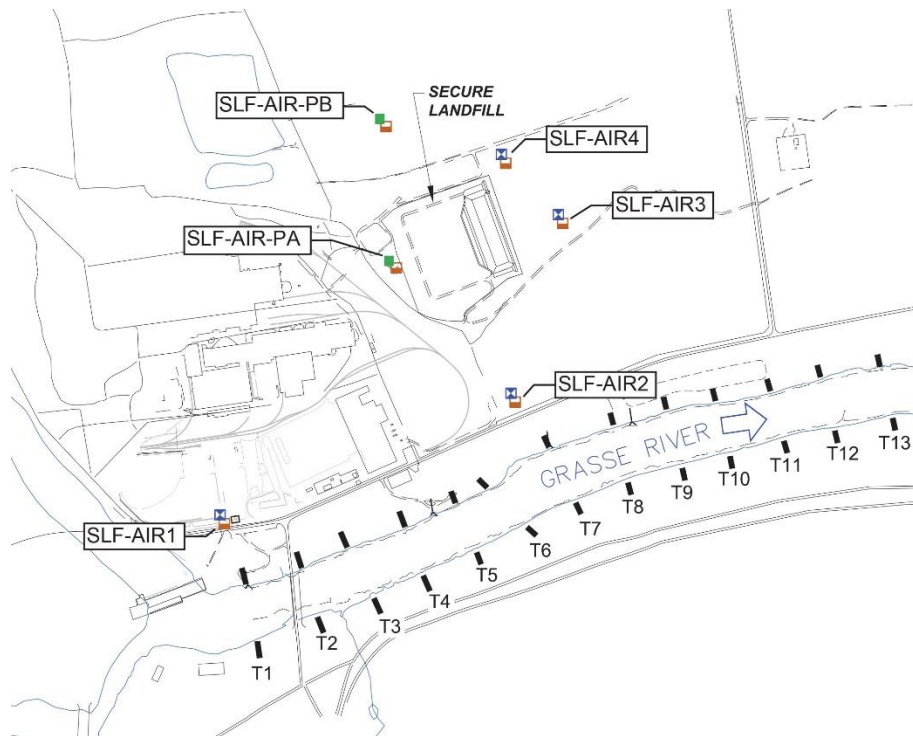
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
May 18	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
May 19	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
May 20	All Below	Below 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 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
May 27	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	

Total PCBs (micrograms per liter)

June 2020

Air Monitoring - 2020 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.



2020 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	0.0184	0.0141	0.0135	0.0145	0.0119	0.0112	--
June 2	All Below	0.0191	0.0166	0.0157	0.0149	0.0291	0.0197	--

		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 3	All Below	0.0337	0.0285	0.0249	0.0231	0.0345	0.025	--
June 4	All Below	0.0607	0.0538	0.0513	0.0486	0.0592	0.0492	--
June 5	All Below	0.0408	0.0361	0.0365	0.0336	0.0456	0.0363	--
June 6	All Below	0.0401	0.0367	0.0352	0.0328	0.0423	0.0347	--
June 7	All Below	0.0237	0.0197	0.0167	0.0169	0.0207	0.0161	--
June 8	All Below	0.0259	0.0138	0.0073	0.0081	--	--	--
June 9	All Below	0.0171	0.0128	0.0118	0.0134	0.0154	0.014	--
June 10	All Below	0.0373	0.0311	0.027	0.0269	0.0391	0.0348	--
June 11	All Below	0.0422	0.0373	0.034	0.036	0.0395	0.029	--
June 12	All Below	0.0239	0.0191	0.0201	0.0161	0.0248	0.0199	--
June 13	All Below	0.0111	0.0099	0.0087	0.0085	0.0158	0.0125	--
June 14	All Below	0.0194	0.0173	0.0099	0.0127	0.0215	0.0155	--
June 15	All Below	0.042	0.0277	0.0205	0.0234	--	--	--
June 16	All Below	0.0336	0.0275	0.027	0.0267	0.05	0.0283	--
June 17	All Below	0.0383	0.0314	0.0297	0.029	0.0145	0.0305	--
June 18	All Below	0.0524	0.0439	0.0443	0.0489	0.0498	0.0281	--
June 19	All Below	0.0469	0.0389	0.0493	0.0457	0.0647	0.0301	--
June 20	All Below	0.0316	0.0279	0.0589	0.0542	0.0295	0.0253	--

		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 21	All Below	0.0388	0.027	0.0268	0.0249	0.0332	0.0233	--
June 22	All Below	0.0326	0.0312	0.0243	0.0267	--	--	--
June 23	All Below	0.0397	0.0311	0.0372	0.0297	0.0356	0.0335	--
June 24	All Below	0.033	0.0281	0.0411	0.0238	0.0341	0.0231	--
June 25	All Below	0.0177	0.0138	0.0121	0.0097	0.014	0.013	--
June 26	All Below	0.0301	0.0275	0.0304	0.0231	0.0319	0.027	--
June 27	All Below	0.0213	0.02	0.0971	0.017	0.0215	0.0147	--
June 28	All Below	0.0363	0.0247	0.0231	0.0221	0.0275	0.0191	--
June 29	All Below	0.0523	0.0454	0.0383	0.0359	--	--	--
June 30	All Below	0.0541	0.0454	0.0383	0.0359	0.0445	0.072	--

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

**2020 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	0.1183	0.1602	0.1677	0.002	0.1981	0.0697	--
June 2	All Below	0.0295	0.0007	0.0001	0.0019	0.2927	0.2792	--

		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 3	All Below	0.0309	0.0014	0.0033	0.0001	0.0071	0.0173	--
June 4	All Below	0.0895	0.1343	0.1931	0.0581	0.0508	0.1697	--
June 5	All Below	0.1041	0.0609	0.3036	0.1539	0.0489	0.0184	--
June 6	All Below	0.0513	0.0607	0.0043	0.1272	0.0847	0.1007	--
June 7	All Below	0.0985	0.1711	0.2037	0.0799	0.0884	0.1101	--
June 8	All Below	0.0726	0.1735	0.0176	0.0111	--	--	--
June 9	All Below	0.1144	0.0211	0.0084	0.005	0.3505	0.0069	--
June 10	All Below	0.0286	0	0.0366	0.0658	0.0161	0.0329	--
June 11	All Below	0.0211	0.0019	0.0011	0.0792	0.0184	0.1042	--
June 12	All Below	0.1439	0.2759	0.2525	0.0579	0.0442	0.1271	--
June 13	All Below	0.1482	0.3972	0.1795	0.0362	0.0755	0.1152	--
June 14	All Below	0.018	0.0004	0.0007	0.0149	0.0019	0.0032	--
June 15	All Below	0.0569	0.0237	6.529	0.0237	--	--	SLF-AIR3 levels not related to field activities.
June 16	All Below	0.0184	0.6149	0.9935	0.0483	0.0275	0.0868	--
June 17	All Below	0.0899	0.6178	0.9123	0.0131	0.0931	0.199	--
June 18	All Below	0.1393	0.2759	0.4419	0.029	0.1159	0.0791	--

		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 19	All Below	0.1373	0.0584	0.0019	0.0917	0.1207	0.0856	--
June 20	All Below	0.1159	2.2779	0.0914	0.4019	0.1014	0.1183	--
June 21	All Below	0.0583	5.1381	0.1229	44.358	0.0556	0.1033	SLF-AIR2 levels not related to field activities.
June 22	All Below	0.1329	4.8704	0.2211	0.0537	--	--	--
June 23	All Below	0.1373	0.0584	0.0019	0.0917	0.1207	0.0856	--
June 24	All Below	0.091	0.0036	0.0394	0.0021	0.0833	0.1263	--
June 25	All Below	0.0239	0.0044	0.1008	0.0001	0.0367	0.0003	--
June 26	All Below	0.0634	0.1175	0.0013	0.0058	0.0321	0.055	--
June 27	All Below	0.0578	0.1061	0.0103	0.0025	0.0995	0.1731	--
June 28	All Below	0.0811	0.5029	0.3454	0.0199	0.0046	0.0342	--
June 29	All Below	0.0693	0.0037	0.1486	0.0177	--	--	--
June 30	All Below	0.0414	0.1118	0.0103	0.0001	0.0057	0	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2020 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	0.000110	0.000240	0.000410	0.000130	--	--	--
June 2	All Below	0.000090	0.000180	0.000630	0.000300	Below detectable levels	Below detectable levels	--
June 3	All Below	0.000160	0.000300	0.001720	0.000520	Below detectable levels	Below detectable levels	--
June 4	All Below	0.000340	0.000340	0.000830	0.000440	Below detectable levels	Below detectable levels	--
June 5	All Below	0.000350	0.000550	0.001220	0.000610	Below detectable levels	Below detectable levels	--
June 6	All Below	0.000210	0.000800	0.001760	0.000760	Below detectable levels	Below detectable levels	--
June 7	All Below	0.000350	0.000770	0.000980	0.000400	Below detectable levels	Below detectable levels	--
June 8	All Below	0.000380	0.000780	0.000460	0.000160	--	--	--
June 9	All Below	0.000200	0.000640	0.000140	0.000410	Below detectable levels	Below detectable levels	--
June 10	All Below	0.000150	0.000170	0.000290	0.000220	Below detectable levels	Below detectable levels	--
June 11	All Below	0.000210	0.000310	0.000330	0.000570	Below detectable levels	Below detectable levels	--
June 12	All Below	0.001560	0.000310	0.007030	0.003570	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 13	All Below	0.000170	0.001090	0.000510	0.000150	Below detectable levels	Below detectable levels	--
June 14	All Below	0.000110	0.000120	0.000300	0.000120	Below detectable levels	Below detectable levels	--
June 15	All Below	0.000170	0.000120	0.001010	0.000200	--	--	--
June 16	All Below	0.000290	0.000140	0.000270	0.000230	Below detectable levels	Below detectable levels	--
June 17	All Below	0.000580	0.000420	0.000620	0.000410	Below detectable levels	Below detectable levels	--
June 18	All Below	0.000210	0.000310	0.000540	0.000260	Below detectable levels	Below detectable levels	--
June 19	All Below	0.000470	0.000570	0.001070	0.001190	Below detectable levels	Below detectable levels	--
June 20	All Below	0.000170	0.000450	0.000830	0.000910	Below detectable levels	Below detectable levels	--
June 21	All Below	0.000330	0.000510	0.001110	0.000600	Below detectable levels	Below detectable levels	--
June 22	All Below	0.000290	0.000340	0.000750	0.000450	--	--	--
June 23	All Below	0.000250	0.000510	0.000960	0.000620	Below detectable levels	Below detectable levels	--
June 24	All Below	0.000100	0.000640	0.001350	0.000970	Below detectable levels	Below detectable levels	--
June 25	All Below	Below detectable levels	0.000480	0.009100	0.003630	--	--	--

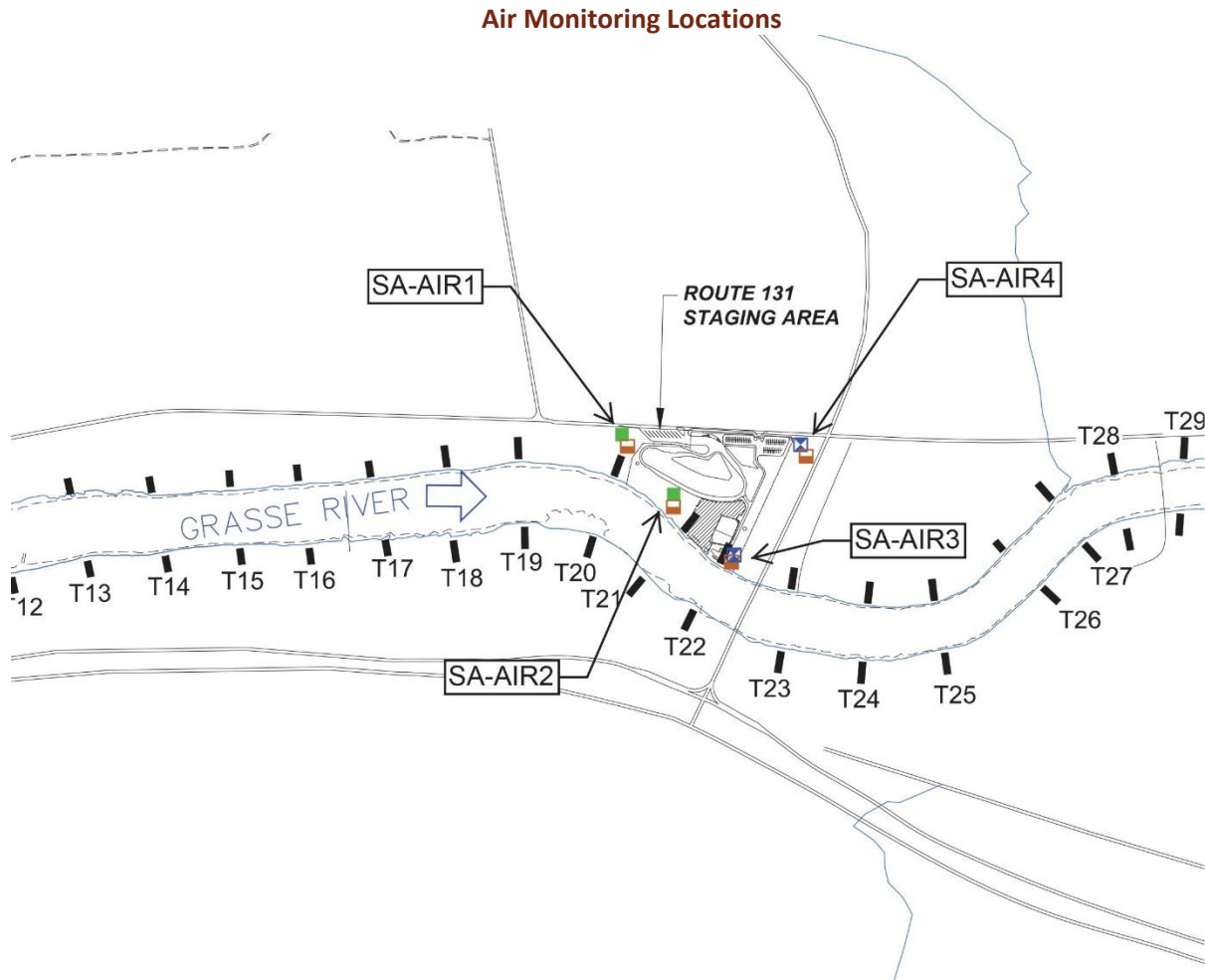
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
June 26	All Below	Below detectable levels	0.000390	0.007970	0.000540	--	--	--
June 27	All Below	Below detectable levels	0.000660	0.006770	0.004680	--	--	--
June 28	All Below	Below detectable levels	0.000570	0.012500	0.005570	Below detectable levels	Below detectable levels	--
June 29	All Below	0.000420	0.000740	0.000760	0.000520	--	--	--
June 30	All Below	0.000380	0.000390	0.000470	0.000300	0.017000	--	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2020 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.



2020 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	
June 1	All Below	0.0079	0.0176	0.0087	0.0188	--
June 2	All Below	0.0063	0.0159	0.0088	0.0307	--
June 3	All Below	0.018	0.0315	0.0582	0.032	--
June 4	All Below	0.0365	0.0647	0.0615	0.08	--
June 5	All Below	0.0281	0.0498	0.0355	0.0467	--
June 6	All Below	0.0235	0.0372	0.0403	0.0398	--
June 7	All Below	0.0147	0.0232	0.1123	0.0253	SA-AIR3 levels not related to field activities.
June 8	All Below	0.005	0.009	0.0086	0.0085	--
June 9	All Below	0.0097	0.0127	0.0699	0.0127	--
June 10	All Below	0.0247	0.0347	0.027	0.034	--
June 11	All Below	0.0959	0.0407	0.0343	0.0459	--
June 12	All Below	0.0093	0.013	0.0227	0.0256	--
June 13	All Below	0.0185	0.0251	0.0341	0.0287	--
June 14	All Below	0.0083	0.0122	0.0136	0.013	--
June 15	All Below	0.0177	0.0247	0.0299	0.03	--
June 16	All Below	0.0211	0.0399	0.0183	0.0265	--
June 16	All Below	0.0211	0.0399	0.0183	0.0265	--
June 17	All Below	0.0169	0.0333	0.0415	0.0325	--
June 18	All Below	0.0279	0.0385	0.0483	0.0117	--
June 19	All Below	0.0326	0.0367	0.1257	0.0614	SA-AIR3 levels not related to field activities.
June 20	All Below	0.0197	0.0283	0.0293	0.0349	--
June 21	All Below	0.0206	0.0243	0.0262	0.0319	--
June 22	All Below	0.0214	0.0297	0.029	0.0293	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 23	All Below	0.0329	0.0429	0.0309	0.044	--
June 24	All Below	0.0327	0.0364	0.0362	0.058	--
June 25	All Below	0.0105	0.0128	0.0149	0.0495	--
June 26	All Below	0.0233	0.0357	0.0274	0.0387	--
June 27	All Below	0.0213	0.0264	0.0297	0.0712	--
June 28	All Below	0.0217	0.0329	0.0239	0.0353	--
June 29	All Below	0.0372	0.0529	0.0379	0.05	--
June 30	All Below	0.0394	0.0588	0.0382	0.051	--

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

2020 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	0.0022	5.6811	0.0008	0.196	SA-AIR2 levels not related to field activities
June 2	All Below	0.0082	2.1	0	0.046	--
June 3	All Below	0.0141	0	0.0006	0.044	--
June 4	All Below	0.046	0.0216	0.0001	0.6473	--
June 5	All Below	0.0335	0	0.0717	0.0561	--
June 6	All Below	0.0225	0	0.1803	0.1648	--
June 7	All Below	0.0047	0	0.0246	0.1843	--
June 8	All Below	0.4363	0.0531	0.0367	0.156	--
June 9	All Below	0.4059	0.0672	0.049	0.1073	--
June 10	All Below	0.3049	0.0281	0	0.052	--
June 11	All Below	0.1953	0.1337	0.0391	0.1483	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 12	All Below	0.05	0.0721	0.0294	0.4691	--
June 13	All Below	0.0157	0.0059	0.0793	0.8825	--
June 14	All Below	0.0015	0	0.04	3.402	--
June 15	All Below	0.0021	0	0.0785	12.123	SA-AIR4 levels not related to field activities
June 16	All Below	0.005	0.0015	0.0302	0.071	--
June 17	All Below	0.0406	--	0	0.967	--
June 18	All Below	0.048	0.7669	0.321	15.598	SA-AIR4 Levels not related to field activities
June 19	All Below	0.0052	0.0299	0.065	7.0173	SA-AIR4 Levels not related to field activities
June 20	All Below	0	2.3892	0.122	6.8295	SA-AIR4 Levels not related to field activities
June 21	All Below	0	2.2803	0.071	4.6587	--
June 22	All Below	0.2083	0.793	0.0669	0.2937	--
June 23	All Below	0.1954	0.5533	0.0623	0.1545	--
June 24	All Below	0.1761	0	0.0665	0.013	--
June 25	All Below	0.1867	0	0.0752	0.024	--
June 26	All Below	0.24	0	0.1553	0.001	--
June 27	All Below	0.2181	0	0.0325	0.024	--
June 28	All Below	0.1499	0.0687	0.0298	0.0783	--
June 29	All Below	0.3936	0	0.0584	0.1407	--
June 30	All Below	0.3435	0	0.0241	0.0945	--

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

2020 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 microgram per cubic meter)

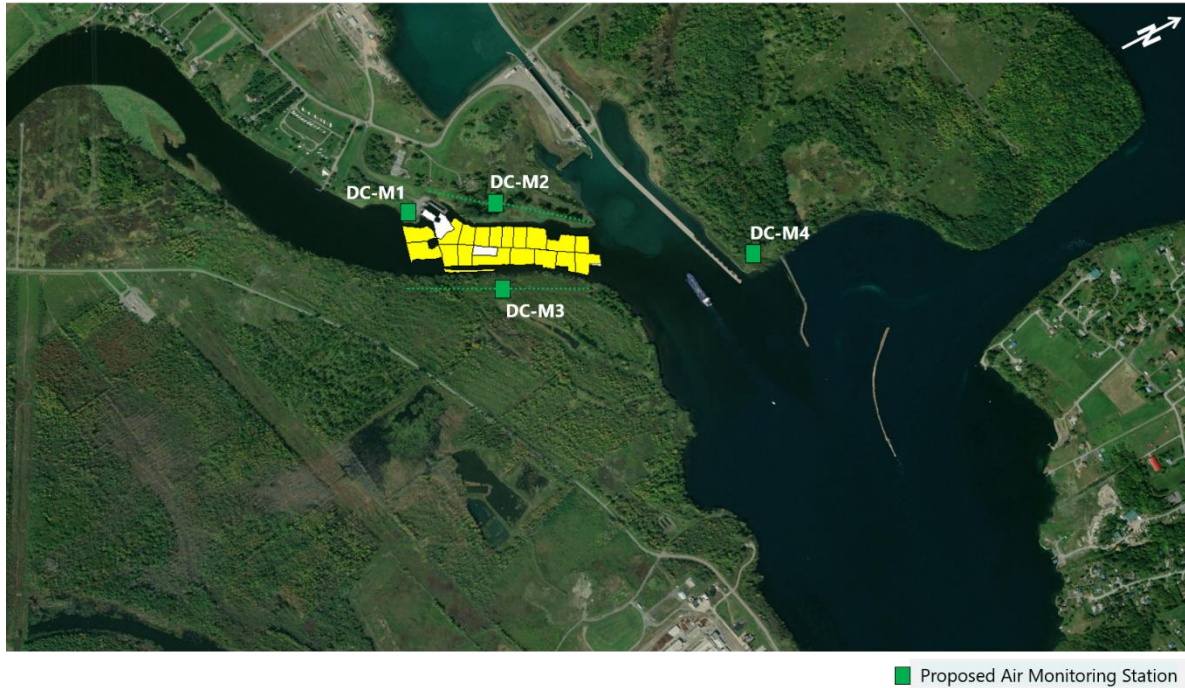
		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 1	All Below	Below detectable levels	Below detectable levels	0.000550	0.000070	--
June 2	All Below	Below detectable levels	Below detectable levels	0.000500	0.000280	--
June 3	All Below	Below detectable levels	Below detectable levels	0.000370	0.000540	--
June 4	All Below	Below detectable levels	Below detectable levels	0.001120	0.000370	--
June 5	All Below	Below detectable levels	Below detectable levels	0.001080	0.000870	--
June 6	All Below	Below detectable levels	Below detectable levels	0.001370	0.001060	--
June 7	All Below	Below detectable levels	Below detectable levels	--	0.000250	--
June 8	All Below	Below detectable levels	Below detectable levels	--	0.000380	--
June 9	All Below	Below detectable levels	Below detectable levels	0.004810	0.000220	--
June 10	All Below	Below detectable levels	Below detectable levels	0.000120	0.000170	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 11	All Below	Below detectable levels	Below detectable levels	0.000240	0.000450	--
June 12	All Below	Below detectable levels	Below detectable levels	0.000250	0.006190	--
June 13	All Below	Below detectable levels	Below detectable levels	0.012200	0.000190	--
June 14	All Below	Below detectable levels	Below detectable levels	0.006020	0.000060	--
June 15	All Below	Below detectable levels	Below detectable levels	0.000090	0.000110	--
June 16	All Below	Below detectable levels	Below detectable levels	0.000370	0.000180	--
June 17	All Below	Below detectable levels	Below detectable levels	0.000770	0.000380	--
June 18	All Below	Below detectable levels	Below detectable levels	0.005280	0.003140	--
June 19	All Below	Below detectable levels	Below detectable levels	0.005860	0.003120	--
June 20	All Below	Below detectable levels	Below detectable levels	0.004650	0.002610	--
June 21	All Below	Below detectable levels	Below detectable levels	0.000910	--	--
June 22	All Below	Below detectable levels	Below detectable levels	0.000220	0.000230	--
June 23	All Below	Below detectable levels	Below detectable levels	0.002770	0.001140	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
June 24	All Below	Below detectable levels	Below detectable levels	0.001570	0.004260	--
June 25	All Below	Below detectable levels	Below detectable levels	0.000230	0.009510	--
June 26	All Below	Below detectable levels	Below detectable levels	0.001650	0.008280	--
June 27	All Below	Below detectable levels	Below detectable levels	0.001980	0.008420	--
June 28	All Below	Below detectable levels	Below detectable levels	0.001870	0.003260	--
June 29	All Below	Below detectable levels	Below detectable levels	0.002750	0.000350	--
June 30	All Below	Below detectable levels	0.010000	0.000270	0.000230	--

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

Dredge Corridor Monitoring Locations (click to enlarge)



**2020 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	Notes
June 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	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	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

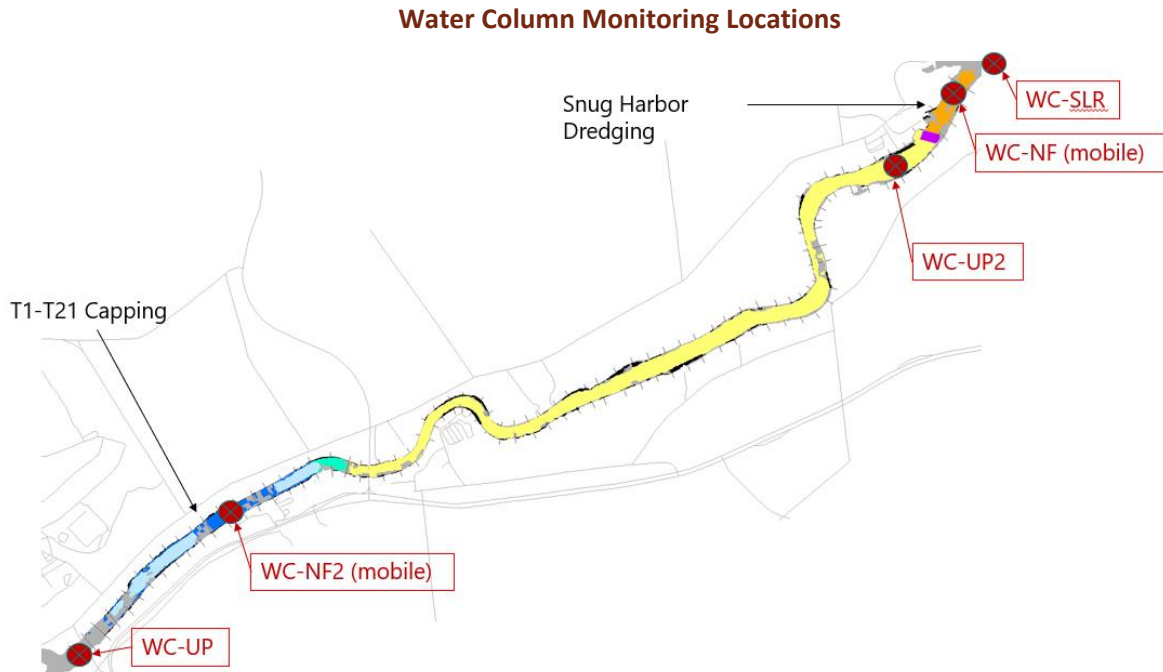
		Monitoring Station ID (see figure)				
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	Notes
June 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 10	All Below	Below Detectable Levels	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	--
June 12	All Below	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	Below Detectable Levels	--
June 14	All Below	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	Below Detectable Levels	--
June 17	All Below	Below Detectable Levels	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	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 20	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	Notes
June 21	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	--
June 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 25	All Below	0.015000	0.008000	0.010000	Below Detectable Levels	--
June 26	All Below	0.011000	0.007000	0.009000	Below Detectable Levels	--
June 27	All Below	0.011000	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 28	All Below	0.011000	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
June 30	All Below	0.011000	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

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

Water Monitoring - 2020 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at the water intake locations. Program also includes total suspended solids (TSS) and PCB analytical testing at the river 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.



2020 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		WC-UP	WC-NF2	WC-NF	WC-SLR	
June 1	All Below	Below detectable levels	--	12.8	Below detectable levels	--
June 2	All Below	Below detectable levels	--	Below detectable levels	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
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	Below detectable levels	--
June 8	All Below	Below detectable levels	Below detectable levels	6.0	Below detectable levels	--
June 9	All Below	4.4	Below detectable levels	10.8	Below detectable levels	--
June 10	All Below	Below detectable levels	Below detectable levels	6.0	Below detectable levels	--
June 11	All Below	Below detectable levels	6.4	6.0	Below detectable levels	--
June 12	All Below	Below detectable levels	4.8	4.0	Below detectable levels	--
June 13	All Below	Below detectable levels	4.4	4.8	Below detectable levels	--
June 15	All Below	Below detectable levels	Below detectable levels	7.2	Below detectable levels	--
June 16	All Below	6.4	21.6	5.2	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
June 17	All Below	Below detectable levels	21.6	9.2	Below detectable levels	--
June 18	All Below	5.2	17.2	21.6	Below detectable levels	--
June 19	All Below	Below detectable levels	9.2	7.6	Below detectable levels	--
June 20	All Below	Below detectable levels	9.6	6.4	Below detectable levels	--
June 22	All Below	Below detectable levels	5.6	14.8	Below detectable levels	--
June 23	All Below	Below detectable levels	12.8	Below detectable levels	Below detectable levels	--
June 24	All Below	Below detectable levels	8.4	4.0	Below detectable levels	--
June 25	All Below	Below detectable levels	37.2	4.0	Below detectable levels	--
June 26	All Below	Below detectable levels	21.2	6.0	Below detectable levels	--
June 27	All Below	Below detectable levels	33.6	Below detectable levels	Below detectable levels	--
June 29	All Below	Below detectable levels	Below detectable levels	8.4	Below detectable levels	--
June 30	All Below	Below detectable levels	24.0	10.4	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.

2020 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-UP2	WC-NF	WC-SLR	Notes
June 1	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 2	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	
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 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	

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
June 12	All Below	Below detectable levels	0.073000	Below detectable levels	
June 13	All Below	Below detectable levels	0.120000	Below detectable levels	
June 15	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 16	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 22	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 23	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 24	All Below	0.084000	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-UP2	WC-NF	WC-SLR	Notes
June 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 29	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 30	All Below	Below detectable levels	0.090000	Below detectable levels	

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2020 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	0.3	0.8	0.2	--
June 2	All Below	0.8	0.6	0.2	--
June 3	All Below	1.0	0.8	0.1	--
June 4	All Below	0.6	1.3	0.1	--
June 5	All Below	0.7	0.4	0.3	--
June 6	All Below	0.3	0.7	0.1	--
June 8	All Below	0.4	0.8	0.2	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 9	All Below	0.2	1.4	0.1	--
June 10	All Below	0.6	1.5	0.1	--
June 11	All Below	0.0	1.7	0.2	--
June 12	All Below	0.1	1.1	0.2	--
June 13	All Below	0.2	1.4	0.0	--
June 15	All Below	0.4	0.7	0.1	--
June 16	All Below	0.5	0.7	0.0	--
June 17	All Below	0.3	0.8	0.2	--
June 18	All Below	0.4	0.8	0.0	--
June 19	All Below	0.4	1.0	0.1	--
June 20	All Below	0.9	1.0	0.0	--
June 22	All Below	0.4	1.5	0.2	--
June 23	All Below	0.2	1.3	0.2	--
June 24	All Below	0.5	1.4	0.3	--
June 25	All Below	0.4	1.7	0.1	--
June 26	All Below	0.1	0.6	0.2	--
June 27	All Below	0.2	1.1	0.2	--
June 29	All Below	0.3	1.0	0.1	--
June 30	All Below	0.6	1.4	0.3	--

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

2020 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	

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 2	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 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 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 15	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 16	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

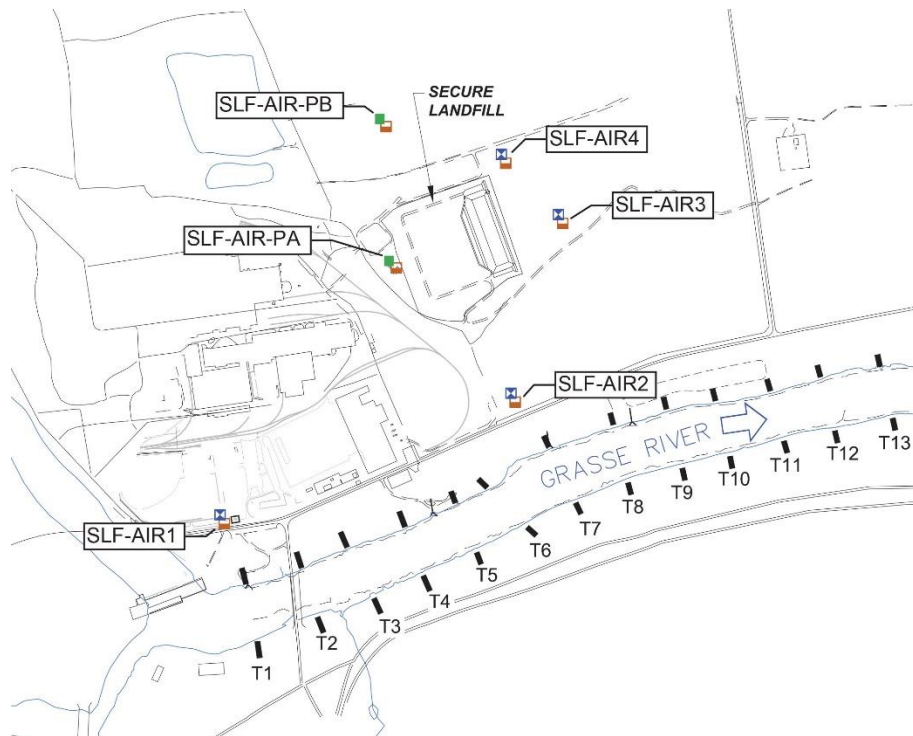
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
June 17	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 18	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 19	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 20	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 22	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 23	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	
June 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 29	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
June 30	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

Total PCBs (micrograms per liter)

July 2020

Air Monitoring - 2020 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.



2020 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	0.0383	0.0291	0.0255	0.023	0.0426	0.0221	--
July 2	All Below	0.0408	0.0326	0.0233	0.0221	0.025	0.022	--
July 3	All Below	0.0541	0.0474	0.0457	0.0403	0.0439	0.0395	--
July 4	All Below	0.0696	0.0545	0.0508	0.0455	0.0675	0.0342	--
July 5	All Below	0.0268	0.0254	0.0189	0.0173	--	--	--
July 6	All Below	0.0234	0.0187	0.0154	0.0133	--	--	--
July 7	All Below	0.032	0.0181	0.0161	0.0138	0.0385	0.0602	--
July 8	All Below	0.0425	0.0359	0.0352	0.0317	0.0359	0.0291	--
July 9	All Below	0.0416	0.0355	0.0816	0.0288	0.0362	0.0291	--
July 10	All Below	0.056	0.0467	0.0435	0.0391	0.0469	0.0372	--
July 11	All Below	0.0497	0.0459	0.0343	0.0353	0.0402	0.0303	--
July 12	All Below	0.0237	0.0179	0.0183	0.0174	0.0227	0.0171	--

		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 13	All Below	0.0191	0.0142	0.0131	0.0116	--	--	--
July 14	All Below	0.018	0.0163	0.0137	0.0134	0.0165	0.0098	--
July 15	All Below	0.0168	0.0146	0.0143	0.0151	0.0169	0.0095	--
July 16	All Below	0.0199	0.019	0.0133	0.0117	0.0205	0.0131	--
July 17	All Below	0.028	0.0237	0.0283	0.0247	0.024	0.0161	--
July 18	All Below	0.0217	0.018	0.0262	0.017	0.0195	0.0162	--
July 19	All Below	0.0274	0.0231	0.0235	0.0219	0.023	0.0191	--
July 20	All Below	0.0346	0.0271	0.0257	0.0265	0.0219	0.02	--
July 21	All Below	0.02	0.0151	0.0143	0.0122	0.025	0.012	--
July 22	All Below	0.0191	0.0128	0.0111	0.0091	0.0229	0.0109	--
July 23	All Below	0.0387	0.0249	0.0233	0.0221	0.0336	0.0203	--
July 24	All Below	0.0679	0.0517	0.0429	0.0363	0.0542	0.0335	--
July 25	All Below	0.0577	0.0348	0.0393	0.0327	0.0459	0.0197	--

		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 26	All Below	0.0191	0.0154	0.0203	0.0159	0.0163	0.014	--
July 27	All Below	0.037	0.0278	0.0281	0.0319	0.0137	0.014	--
July 28	All Below	0.0403	0.0469	0.0303	0.0462	0.1013	0.0343	SLF-AIR-PA levels not related to field activities
July 29	All Below	0.0188	0.0171	0.0501	0.0109	0.014	0.013	--
July 30	All Below	0.0263	0.0209	0.0191	0.0166	0.0213	0.0157	--
July 31	All Below	0.0251	0.0191	0.0826	0.0159	0.0201	0.0153	--

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

2020 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	0.0805	0.0071	0.1394	0.04	0.058	0.0394	--
July 2	All Below	0.0367	0.1245	0.0775	0.0266	0.0648	0.0935	--
July 4	All Below	0.0964	0.4697	0.005	0	0.0962	0.1371	--
July 5	All Below	0.1512	0.3809	0.2225	0.0373	0.1325	0.1441	--
July 5	All Below	0.1346	0.3771	0.1367	0.0115	--	--	--
July 6	All Below	0.0331	0.1906	0.2342	0.0004	--	--	--
July 7	All Below	0.0277	0.2106	0.163	0.0042	0.5881	0.4843	--
July 8	All Below	0.0234	0	0.0077	0	0.5612	0.1108	--
July 9	All Below	0.0077	0.1087	0.1121	0.0327	0.1295	0.1209	--
July 10	All Below	0.0197	0.1021	0.0367	0.0032	0.1479	0.1963	--
July 11	All Below	0.056	0.0495	0.0018	0.0007	0.1365	0.182	--
July 12	All Below	0.0107	0.0095	0.0011	0.0006	0.1095	0.1147	--

		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 13	All Below	0.0213	0.0159	0.0748	0.0002	--	--	--
July 14	All Below	0.0336	0.0371	0.0734	0.0174	0.7815	0.5982	--
July 15	All Below	0.0358	0.0091	0.1245	0.0041	0.0049	0.0951	--
July 16	All Below	0.0391	0.0237	0.0003	0.0058	0.0756	0.1047	--
July 17	All Below	0.0201	0.0722	0.0013	0.0007	0.0666	0.1438	--
July 18	All Below	0.0269	0.185	0.1806	0.0225	0.1435	0.1474	--
July 19	All Below	0.0399	0	0.0001	0.0021	0.1055	0.1461	--
July 20	All Below	0.0555	0.3879	0.1199	0	0.0879	0.0271	--
July 21	All Below	0.0753	0.1231	0.0241	0.0352	0.1032	0.0249	--
July 22	All Below	0.0253	0.1639	0.0953	0.0409	0.0477	0.1151	--
July 23	All Below	0.0549	0.165	0.0331	0.0247	0.0974	0.1307	--
July 24	All Below	0.1296	0.2361	0.3051	0.0391	0.1176	0.1474	--
July 25	All Below	0.0061	0.2048	0.32	0.0491	0.0953	0.1343	--

		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 26	All Below	0.0073	0.1729	0.0109	0	0.1004	0.1735	--
July 27	All Below	0.0208	0.0173	0	0	0.0344	0.0372	--
July 28	All Below	0.0808	0.0127	0.0397	0.0101	0.2036	1.0221	--
July 29	All Below	0.0388	0	0.0157	0.0053	0.1196	0.029	--
July 30	All Below	0.0577	0.0042	0.0337	1	0.1343	0.1604	--
July 31	All Below	0.084	0.3366	0.1152	0.0064	0.1055	0.0485	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2020 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	0.001930	0.000420	Below detectable levels	0.000210	0.029000	Below detectable levels	--
July 2	All Below	0.000330	0.000760	0.010550	0.000440	Below detectable levels	Below detectable levels	--
July 3	All Below	0.000400	0.001220	0.003210	0.000670	Below detectable levels	Below detectable levels	--
July 4	All Below	0.000370	0.000580	0.000900	0.000470	Below detectable levels	Below detectable levels	--
July 5	All Below	0.000300	0.000520	0.000780	0.000490	--	--	--
July 6	All Below	0.000510	0.000560	0.000650	0.000470	--	--	--
July 7	All Below	0.000300	0.000510	0.000460	0.000310	0.005000	Below detectable levels	--
July 8	All Below	0.000160	0.000530	0.001180	0.004770	Below detectable levels	Below detectable levels	--
July 9	All Below	0.000360	0.000840	0.006800	0.004870	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
July 10	All Below	0.000420	0.001470	0.003600	0.001710	Below detectable levels	Below detectable levels	--
July 11	All Below	0.000360	0.000600	0.000650	0.000650	0.005000	0.005000	--
July 12	All Below	0.000250	0.000840	0.001770	0.000740	Below detectable levels	Below detectable levels	--
July 13	All Below	0.000300	0.000780	0.001040	0.000390	--	--	--
July 14	All Below	0.000320	0.003080	0.000720	0.000430	Below detectable levels	Below detectable levels	--
July 15	All Below	0.000460	0.000400	0.000420	0.000350	Below detectable levels	Below detectable levels	--
July 16	All Below	0.000220	0.000380	0.000400	0.000270	0.014000	0.007000	--
July 17	All Below	0.000290	0.000670	0.000730	0.005180	--	Below detectable levels	--
July 18	All Below	0.000280	0.000790	0.003740	0.002120	--	--	--
July 19	All Below	0.000170	0.000980	0.006030	0.007450	--	--	--
July 20	All Below	0.000100	0.001180	0.006770	0.000930	--	--	--

		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 21	All Below	0.000370	0.001120	0.004100	0.000240	Below detectable levels	Below detectable levels	--

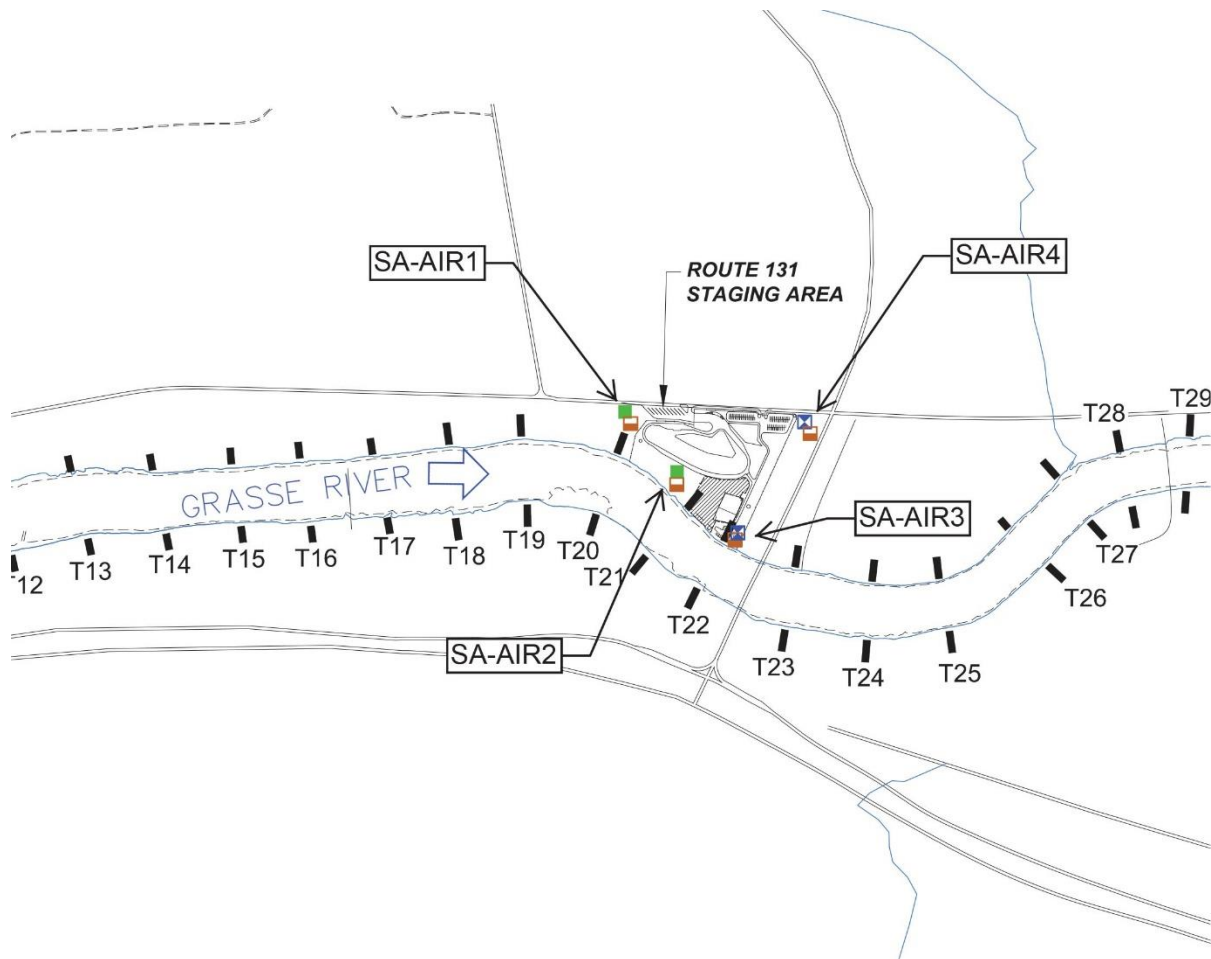
NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2020 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.

Air Monitoring Locations



2020 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	0.0521	0.0401	0.0269	0.031	--
July 2	All Below	0.0382	0.0363	0.0288	0.036	--
July 3	All Below	0.0524	0.0491	0.0803	0.082	--
July 4	All Below	0.0357	0.0503	0.0382	0.05	--
July 5	All Below	0.027	0.0304	0.0251	0.033	--
July 6	All Below	0.027	0.0294	0.0153	0.0213	--
July 7	All Below	0.0269	0.1401	0.0287	0.0228	SA-AIR2 levels not related to field activities
July 8	All Below	0.035	0.039	0.0325	0.081	--
July 9	All Below	0.0348	0.0414	0.0289	0.049	--
July 10	All Below	0.0384	0.0567	0.1179	0.0533	--
July 11	All Below	0.0451	0.0512	0.0331	0.0505	--
July 12	All Below	0.0191	0.0273	0.0248	0.029	--
July 13	All Below	0.0169	0.0189	0.0351	0.0185	--
July 14	All Below	0.0161	0.0192	0.0311	0.0223	--
July 15	All Below	0.0195	0.0361	0.0169	0.019	--
July 16	All Below	0.0149	0.0276	0.0121	0.018	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 17	All Below	0.0675	0.0267	0.0217	0.0388	--
July 18	All Below	0.0259	0.0213	0.0269	0.0305	--
July 19	All Below	0.0221	0.0295	0.02	0.064	--
July 20	All Below	0.0238	0.0323	0.0269	0.0607	--
July 21	All Below	0.0146	0.0199	0.0162	0.037	--
July 22	All Below	0.011	0.0211	0.0135	0.0165	--
July 23	All Below	0.022	0.0397	0.0229	0.0343	--
July 24	All Below	0.039	0.0567	0.0485	0.0567	--
July 25	All Below	0.0279	0.0437	0.02	0.0345	--
July 26	All Below	0.0287	0.0272	0.0223	0.0365	--
July 27	All Below	0.0231	0.032	0.0249	0.0905	--
July 28	All Below	0.0256	0.0347	0.0323	0.0567	--
July 29	All Below	0.0145	0.0219	0.0173	0.0283	--
July 30	All Below	0.0165	0.0227	0.0349	0.029	--
July 31	All Below	0.0143	0.0207	0.0824	0.029	--

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

2020 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	0.1336	0	0.1153	0.0503	--
July 2	All Below	0.2075	0	0.0654	0.148	--
July 3	All Below	0.1545	0	0.1407	0.068	--
July 4	All Below	0.0555	0	0.0594	0.147	--
July 5	All Below	0.108	0	0.0125	0.0713	--
July 6	All Below	0.0745	0	0.0105	0.023	--
July 7	All Below	0.0845	0	0.0003	0.1273	--
July 8	All Below	0.0399	0	0.0421	0.075	--
July 9	All Below	0.0254	0	0.0435	0.0637	--
July 10	All Below	0.4207	0.2785	0.1279	0.051	--
July 11	All Below	0.3643	0	0.0595	0.1323	--
July 12	All Below	0.2699	0	0.0521	0.0495	--
July 13	All Below	0.6485	0	0.0333	0.024	--
July 14	All Below	0.0155	0	0.0257	0.034	--
July 15	All Below	0.0312	0.0271	0.0048	0.04	--
July 16	All Below	0.0312	0	0.3689	0	--
July 17	All Below	0.0214	0	0.0111	0.024	--
July 18	All Below	0.0073	0	0.0005	0.024	--
July 19	All Below	0.0031	0	0.023	0.024	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 20	All Below	0.0003	0	0.0119	0.024	--
July 21	All Below	0.0163	0	0.0019	0	--
July 22	All Below	0.0277	0	0.0151	0.0025	--
July 23	All Below	0.0191	0	0	0.24	--
July 24	All Below	0.0323	0.0829	0	0.0735	--
July 25	All Below	0.0295	0.0637	0	0.0875	--
July 26	All Below	0.025	0	0.0093	0.0037	--
July 27	All Below	0.0001	0	0	0	--
July 28	All Below	0	0.243	0.0702	0.068	--
July 29	All Below	0.0248	0.3153	0.0124	0.0427	--
July 30	All Below	0.0276	0.2784	0.0818	0.045	--
July 31	All Below	0.0357	0.2045	0.0011	0.0555	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2020 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	0.000320	0.000260	--
July 2	All Below	Below detectable levels	Below detectable levels	0.004340	0.003460	--
July 3	All Below	Below detectable levels	Below detectable levels	0.007330	0.000640	--
July 4	All Below	Below detectable levels	Below detectable levels	0.004030	0.000400	--
July 5	All Below	Below detectable levels	Below detectable levels	0.003930	0.000260	--
July 6	All Below	Below detectable levels	Below detectable levels	0.003230	0.000330	--
July 7	All Below	Below detectable levels	0.007000	0.000400	0.000280	--
July 8	All Below	Below detectable levels	Below detectable levels	0.001620	0.004710	--
July 9	All Below	Below detectable levels	Below detectable levels	0.002610	0.002230	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 10	All Below	Below detectable levels	Below detectable levels	0.002690	0.001340	--
July 11	All Below	Below detectable levels	Below detectable levels	0.000600	0.000580	--
July 12	All Below	Below detectable levels	Below detectable levels	0.001960	0.000380	--
July 13	All Below	Below detectable levels	Below detectable levels	0.002470	0.000240	--
July 14	All Below	Below detectable levels	Below detectable levels	0.006690	0.001230	--
July 15	All Below	Below detectable levels	Below detectable levels	0.000370	0.000300	--
July 16	All Below	Below detectable levels	0.015000	0.000270	0.000260	--
July 17	All Below	Below detectable levels	Below detectable levels	0.000710	0.003420	--
July 18	All Below	Below detectable levels	Below detectable levels	0.001560	0.008380	--
July 19	All Below	Below detectable levels	Below detectable levels	0.000490	0.003530	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 20	All Below	Below detectable levels	Below detectable levels	0.000410	0.002500	--
July 21	All Below	Below detectable levels	Below detectable levels	0.011200	0.000720	--

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

Dredge Corridor Monitoring Locations



■ Proposed Air Monitoring Station

2020 Air PCB Data - Mobile River Stations
(Corrective Action Level = 0.100 micrograms per cubic meter)

		Monitoring Station ID (see figure)				
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	Notes
July 1	All Below	0.008000	0.006000	Below Detectable Levels	Below Detectable Levels	--
July 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 7	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	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	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

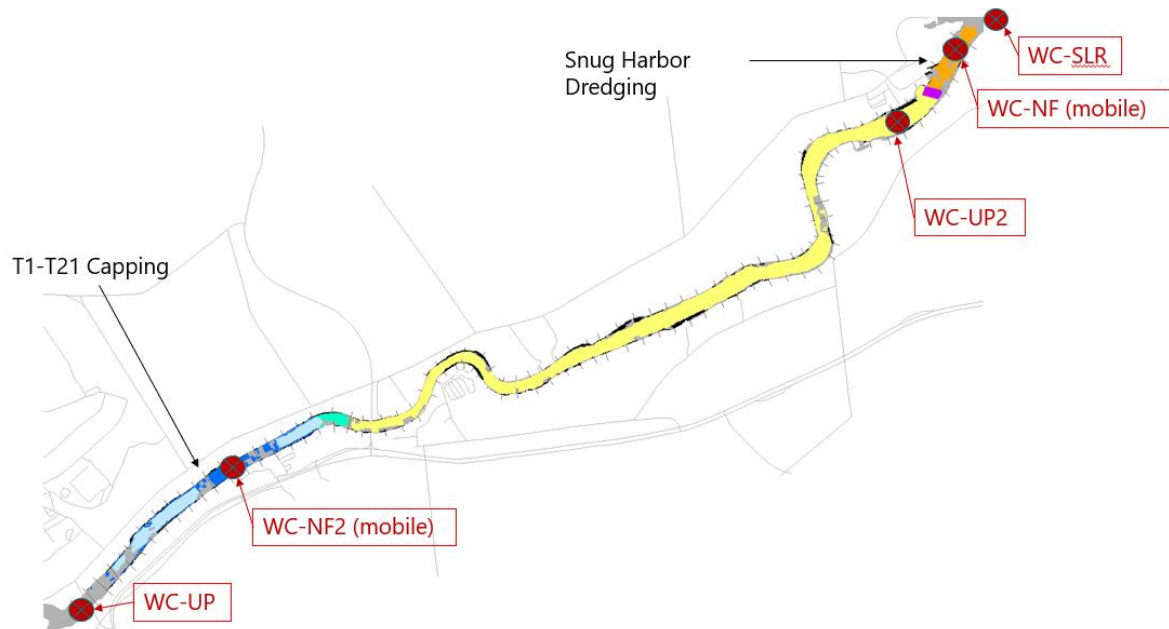
		Monitoring Station ID (see figure)				
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	Notes
July 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
July 16	All Below	Below Detectable Levels	0.008000	Below Detectable Levels	Below Detectable Levels	--
July 17	All Below	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	--
July 19	All Below	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	--

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

Water Monitoring - 2020 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at the water intake locations. Program also includes total suspended solids (TSS) and PCB analytical testing at the river 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



**2020 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-NF2	WC-NF	WC-SLR	Notes
July 1	All Below	Below detectable levels	15.6	Below detectable levels	Below detectable levels	--
July 2	All Below	Below detectable levels	13.2	4.0	Below detectable levels	--
July 3	All Below	Below detectable levels	17.2	Below detectable levels	Below detectable levels	--
July 6	All Below	Below detectable levels	Below detectable levels	7.6	Below detectable levels	--
July 7	All Below	Below detectable levels	16.8	Below detectable levels	Below detectable levels	--
July 8	All Below	Below detectable levels	6.4	Below detectable levels	Below detectable levels	--
July 9	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
July 10	All Below	Below detectable levels	10.8	Below detectable levels	Below detectable levels	--
July 11	All Below	Below detectable levels	12.4	Below detectable levels	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
July 13	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
July 14	All Below	Below detectable levels	9.2	Below detectable levels	Below detectable levels	--
July 15	All Below	Below detectable levels	6.8	4.4	Below detectable levels	--
July 16	All Below	Below detectable levels	Below detectable levels	5.6	Below detectable levels	--
July 17	All Below	Below detectable levels	32	Below detectable levels	Below detectable levels	--
July 18	All Below	Below detectable levels	16.4	Below detectable levels	Below detectable levels	--
July 20	All Below	Below detectable levels	9.6	6.0	Below detectable levels	--
July 21	All Below	Below detectable levels	40.0	Below detectable levels	Below detectable levels	--
July 22	All Below	Below detectable levels	36.0	6.4	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
July 23	All Below	Below detectable levels	15.6	11.6	Below detectable levels	--
July 24	All Below	Below detectable levels	27.6	6.4	Below detectable levels	--
July 25	All Below	Below detectable levels	9.6	9.2	Below detectable levels	--
July 26	All Below	Below detectable levels	27.6	6.4	4.8	--
July 28	All Below	Below detectable levels	Below detectable levels	8.4	Below detectable levels	--
July 29	All Below	Below detectable levels	10.4	6.4	Below detectable levels	--
July 30	All Below	Below detectable levels	39.6	5.2	Below detectable levels	--
July 31	All Below	Below detectable levels	21.2	8.4	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.

2020 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-UP2	WC-NF	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	Below detectable levels	Below detectable levels	Below detectable levels	
July 6	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 7	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	

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
July 13	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 14	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 15	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
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 20	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 21	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	

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
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 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 28	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)

Water Intake Monitoring Locations



2020 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	0.5	0.8	0.2	--
July 2	All Below	0.3	1.1	0.1	--
July 3	All Below	0.6	0.2	1.5	--
July 6	All Below	1.2	2.0	0.1	--
July 7	All Below	0.9	1.0	0.1	--
July 8	All Below	0.4	1.4	0.2	--
July 9	All Below	0.2	0.8	0.1	--
July 10	All Below	0.9	1.4	0.2	--
July 11	All Below	0.7	0.9	0.1	--
July 13	All Below	0.7	1.1	0.1	--
July 14	All Below	0.9	1.5	0.0	--
July 15	All Below	0.9	1.8	0.1	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 16	All Below	0.7	1.5	0.2	--
July 17	All Below	0.5	0.9	0.1	--
July 18	All Below	0.7	1.0	0.1	--
July 20	All Below	0.7	0.9	0.1	--
July 21	All Below	0.8	0.7	0.2	--
July 22	All Below	0.6	0.6	0.2	--
July 23	All Below	0.8	0.9	0	--
July 24	All Below	1.2	0.9	0.2	--
July 25	All Below	1.3	0.7	0.2	--
July 27	All Below	1.0	0.6	0.1	--
July 28	All Below	1.3	0.6	0.2	--
July 29	All Below	0.3	0.4	0.2	--
July 30	All Below	0.7	0.2	0.1	--
July 31	All Below	0.8	0.6	0	--

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

2020 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 6	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 7	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	

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 13	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 14	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 15	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
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 20	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 21	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	

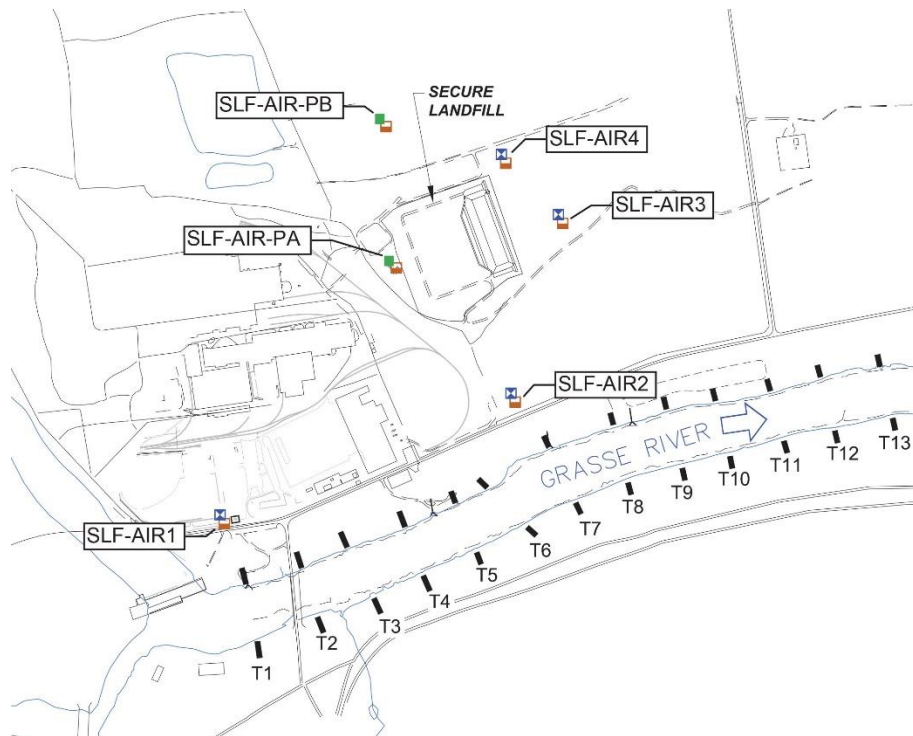
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 24	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 25	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
July 28	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 2020

Air Monitoring - 2020 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.



2020 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
August 1	All Below	0.0344	0.0207	0.0189	0.0164	0.027	0.0102	--
August 2	All Below	0.0279	0.0245	0.0198	0.0165	0.0303	0.0095	--
August 3	All Below	0.0188	0.0159	0.014	0.0141	--	--	--
August 4	All Below	0.0191	0.0117	0.0123	0.0123	0.0125	0.0109	--
August 5	All Below	0.0179	0.0127	0.0092	0.009	0.0131	0.007	--
August 6	All Below	0.0128	0.0097	0.0169	0.0081	0.0099	0.0081	--
August 7	All Below	0.0316	0.0185	0.0219	0.0183	0.0077	0.0071	--
August 8	All Below	0.0663	0.0285	0.0491	0.0375	0.0099	0.0104	--
August 9	All Below	0.0485	0.0302	0.0399	0.0295	0.0491	0.0165	--
August 10	All Below	0.0445	0.0248	0.0299	0.0248	--	--	--
August 11	All Below	0.0575	0.044	0.043	0.0393	0.0578	0.0304	--
August 12	All Below	0.0511	0.044	0.0452	0.0505	0.0361	0.0347	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 13	All Below	0.019	0.017	0.0745	0.0115	0.0127	0.0093	--
August 14	All Below	0.0277	0.0217	0.0401	0.0241	0.0181	0.0079	--
August 15	All Below	0.0246	0.0161	0.018	0.0121	0.017	0.0137	--
August 16	All Below	0.0252	0.0183	0.0224	0.0158	0.0155	0.0146	--
August 17	All Below	0.0347	0.0224	0.0256	0.0229	--	--	--
August 18	All Below	0.0252	0.0173	0.0234	0.0179	0.0317	0.0248	--
August 19	All Below	0.012	0.0107	0.0259	0.0173	0.0107	0.0143	--
August 20	All Below	0.0122	0.0108	0.0175	0.0081	0.011	0.0124	--
August 21	All Below	0.0228	0.0143	0.0215	0.0177	0.0227	0.0183	--
August 22	All Below	0.0137	0.0145	0.1043	0.0129	0.0182	0.0122	--
August 23	All Below	0.036	0.0395	0.0301	0.032	0.0329	0.0189	--
August 24	All Below	0.0202	0.0154	0.0147	0.0185	--	--	--
August 25	All Below	0.0206	0.039	0.037	0.0319	0.0371	0.0287	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 26	All Below	0.013	0.032	0.0286	0.0289	0.0297	0.0244	--
August 27	All Below	0.0049	0.0073	0.0193	0.0095	0.0109	0.0023	--
August 28	All Below	0.0079	0.0249	0.0248	0.0265	0.0543	0.0113	--
August 29	All Below	0.0058	0.0133	0.0167	0.0145	0.0147	0.0051	--
August 30	All Below	0.002	0.0069	0.0078	0.0067	0.0071	0.005	--
August 31	All Below	0.0044	0.0091	0.0105	0.0069	--	--	--

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

**2020 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
August 1	All Below	0.2344	0.2022	0.0568	0.0143	0.0626	0.1065	--
August 2	All Below	0.1357	0.141	0.0539	0.0007	0.0963	0.1607	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 3	All Below	0.0328	0.0071	0.0286	0.0038	--	--	--
August 4	All Below	0.0693	0.1572	0.1256	0.0273	0.1112	0.1658	--
August 5	All Below	0.0897	0.009	0.0234	0.0014	0.0169	0.1663	--
August 6	All Below	0.0583	0.1743	0.1552	0.0049	0.0915	0.0356	--
August 7	All Below	0.0589	0.0234	0.0064	0.0195	0.0408	0.0521	--
August 8	All Below	0.1167	0.1203	0.1529	0.0098	0.1001	0.0679	--
August 9	All Below	0.096	0.0484	0.5444	0.0077	0.1253	0.1282	--
August 10	All Below	0.1138	0.1019	0.0052	0.0266	--	--	--
August 11	All Below	0.0855	0.1066	0.1108	0.0109	0.2632	0.0502	--
August 12	All Below	0.0707	0.1143	0.0257	0.0063	0.15	0.2439	--
August 13	All Below	0.0843	0.2104	0.1181	0.0028	0.0211	0.1281	--
August 14	All Below	0.0655	0.1439	0.0153	0.0026	0.1975	0.195	--
August 15	All Below	0.0415	0.0617	0.1293	0.0226	0.1236	0.121	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 16	All Below	0.2605	0.0124	0.8304	0.0159	0	0	--
August 17	All Below	0.0681	0.0282	0.0396	0.0026	--	--	--
August 18	All Below	0.0674	0.074	0.0786	0.0009	0.3377	0.0542	--
August 19	All Below	0.0482	0.047	0.1144	0.0011	0.2379	0.1158	--
August 20	All Below	0.0967	0.0675	0.2043	0.0014	0.1523	0.1571	--
August 21	All Below	0.1252	0.0009	1.7422	0.0001	0.2448	0.0886	--
August 22	All Below	0.0635	0	0.0942	0	0.3351	0.2652	--
August 23	All Below	0.0494	0.0281	0.0887	0.0005	0.2943	0.762	--
August 24	All Below	0.0331	0.0063	0.2896	0.0028	--	--	--
August 25	All Below	0.061	0.0665	0.0619	0.0041	0.7722	1.9631	--
August 26	All Below	0.0727	0.1254	0.2337	0.0265	0.1861	1.0345	--
August 27	All Below	0.0155	0	0.0129	0.0096	0.1028	0.6841	--
August 28	All Below	0.0425	0.0457	0.0256	0.0015	0.1629	1.0579	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 29	All Below	0.0611	0.1014	0.0152	0.0068	0.1819	1.1212	--
August 30	All Below	0.0421	0.0419	0.0901	0.0169	0.3035	1.7022	--
August 31	All Below	0.0483	0.0606	0.1257	0.0131	--	--	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2020 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
August 8	All Below	0.000190	0.000270	0.000390	0.001980	Below detectable levels	Below detectable levels	--
August 9	All Below	0.000110	0.000570	0.000610	0.002480	Below detectable levels	Below detectable levels	--
August 10	All Below	0.000100	0.000580	0.000890	0.002000	--	--	--
August 11	All Below	0.000240	0.000750	0.000730	0.003260	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
August 12	All Below	0.000160	0.001060	0.005490	0.000860	--	--	--
August 13	All Below	0.000120	0.000900	0.008130	0.002710	Below detectable levels	Below detectable levels	--
August 14	All Below	0.001070	0.000440	0.000540	0.000270	Below detectable levels	Below detectable levels	--
August 15	All Below	0.001250	0.000260	0.000440	0.000270	0.006000	Below detectable levels	--
August 16	All Below	0.000210	0.000280	0.000490	0.000150	--	--	--
August 17	All Below	0.000210	0.000490	0.000460	0.000250	--	--	--
August 18	All Below	0.000120	0.000730	0.007730	0.001530	Below detectable levels	Below detectable levels	--
August 19	All Below	0.000190	0.000540	0.000530	0.000150	Below detectable levels	Below detectable levels	--
August 20	All Below	0.000230	0.000390	0.000180	0.001530	Below detectable levels	Below detectable levels	--
August 21	All Below	0.000100	0.000650	0.006050	0.003800	Below detectable levels	Below detectable levels	--

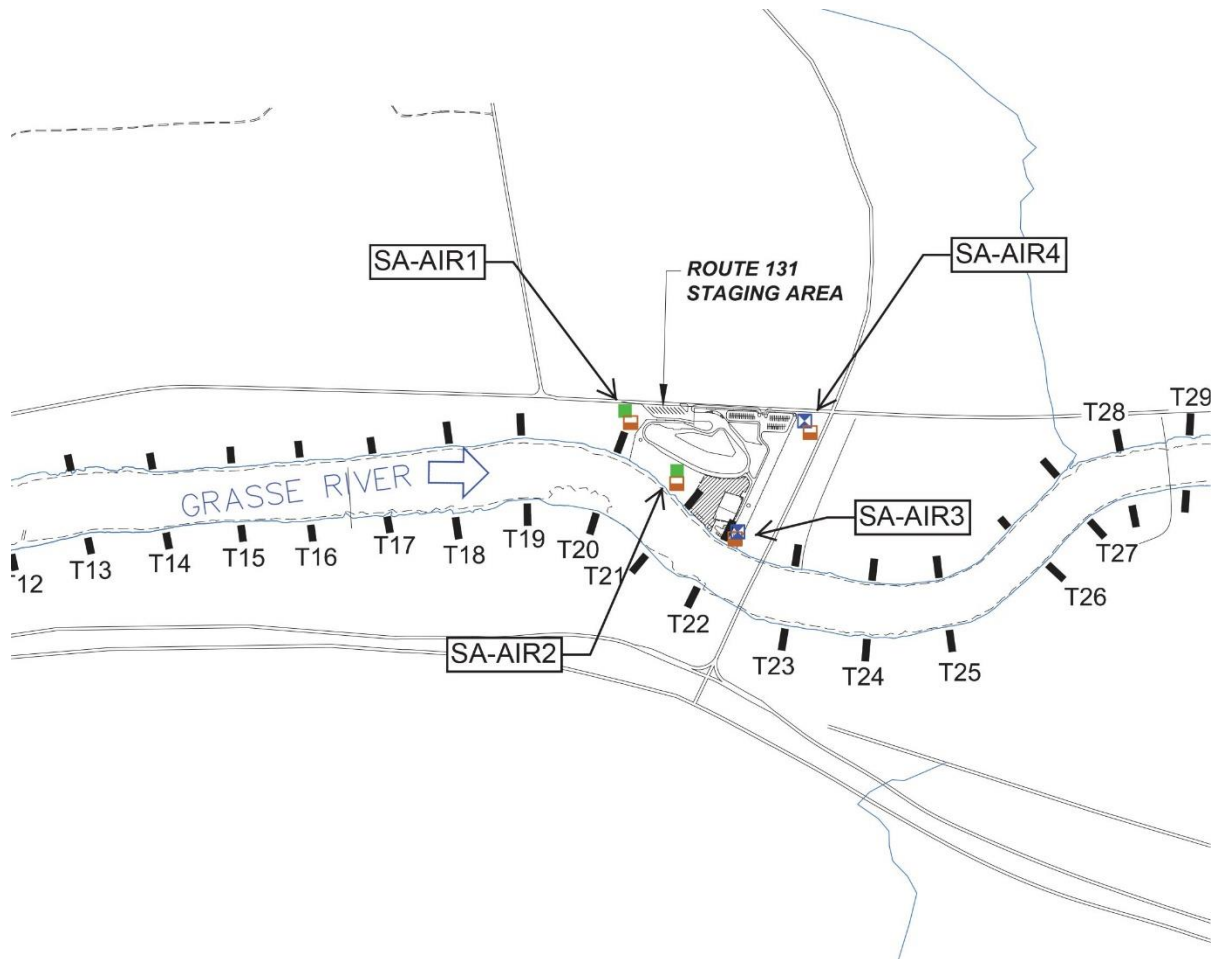
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 22	All Below	0.000250	0.002810	0.001300	0.000210	Below detectable levels	Below detectable levels	--
August 23	All Below	0.000160	0.000410	0.000360	0.001850	Below detectable levels	Below detectable levels	--
August 24	All Below	0.000270	0.000490	0.000400	0.000330	--	--	--
August 25	All Below	0.000200	0.000920	0.017360	0.000490	Below detectable levels	Below detectable levels	--
August 26	All Below	0.000280	0.002520	0.000160	0.000070	--	--	--
August 27	All Below	0.000130	0.000250	0.000330	0.002380	Below detectable levels	Below detectable levels	--
August 28	All Below	0.000120	0.000300	0.000210	0.000100	Below detectable levels	Below detectable levels	--
August 29	All Below	0.000130	0.000340	0.000310	0.000170	Below detectable levels	Below detectable levels	--
August 30	All Below	0.000090	0.000250	0.000190	0.000120	Below detectable levels	Below detectable levels	--
August 31	All Below	0.000210	0.000480	0.000240	Below detectable levels	Below detectable levels	Below detectable levels	--

NA = Analysis not required
Total PCBs (micrograms per cubic meter)

Air Monitoring - 2020 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.

Air Monitoring Locations



2020 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
August 1	All Below	0.0141	0.0227	0.0313	0.029	--
August 2	All Below	0.019	0.0228	0.0304	0.0315	--
August 3	All Below	0.014	0.0179	0.0141	0.021	--
August 4	All Below	0.0159	0.0131	0.0275	0.0183	--
August 5	All Below	0.0117	0.012	0.0111	0.018	--
August 6	All Below	0.0097	0.014	0.215	0.154	SA-AIR4 levels not related to field activities
August 7	All Below	0.0158	0.0177	0.0295	0.026	--
August 8	All Below	0.0198	0.018	0.0223	0.0253	--
August 9	All Below	0.0265	0.0192	0.024	0.032	--
August 10	All Below	0.0246	0.0221	0.0268	0.036	--
August 11	All Below	0.0447	0.0334	0.0364	0.073	--
August 12	All Below	0.0425	0.0329	0.0645	0.021	SA-AIR4 levels not related to field activities
August 13	All Below	0.0252	0.024	0.0227	0.0233	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 14	All Below	0.0582	0.0479	0.0342	0.0395	--
August 15	All Below	0.0192	0.015	0.017	0.0227	--
August 16	All Below	0.0159	0.0181	0.0188	0.0258	--
August 17	All Below	0.0219	0.0199	0.0251	0.0347	--
August 18	All Below	0.0233	0.0152	0.0849	0.0305	--
August 19	All Below	0.0145	0.0128	0.2887	0.024	SA-AIR3 levels not related to field activities.
August 20	All Below	0.0113	0.0081	0.1725	0.0225	SA-AIR3 levels not related to field activities.
August 21	All Below	0.0286	0.0113	0.0124	0.0407	--
August 22	All Below	0.0207	0.0301	0.0178	0.0275	--
August 23	All Below	0.0218	0.0232	0.0295	0.0044	--
August 24	All Below	0.0169	0.0149	0.0169	0.0229	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 25	All Below	0.033	0.0325	0.0219	0.0489	--
August 26	All Below	0.0279	0.0269	0.0227	0.0432	--
August 27	All Below	0.0081	0.0098	0.012	0.0196	--
August 28	All Below	0.0213	0.0149	0.0144	0.0191	--
August 29	All Below	0.0207	0.0182	0.0099	0.0223	--
August 30	All Below	0.0089	0.0165	0.0025	0.011	--
August 31	All Below	0.0067	0.0079	0.0039	0.0135	--

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

2020 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
August 1	All Below	0.0342	0.0883	0	0.0775	--
August 2	All Below	0.0226	0	0	0.0953	--
August 3	All Below	0.0085	0	0	0.1113	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 4	All Below	0.0148	0	0.2092	0.0258	--
August 5	All Below	0.012	0	0	0.0965	--
August 6	All Below	0.042	0	0.0197	0.0465	--
August 7	All Below	0.0405	0	0.0001	0.004	--
August 8	All Below	0.0393	2.6416	0.007	0.0005	--
August 9	All Below	0	3.7825	0.0633	0.024	--
August 10	All Below	0	0.1167	0.0406	0	--
August 11	All Below	0	0.363	0.0637	0.024	--
August 12	All Below	0	0.0237	0.0882	0.2993	--
August 13	All Below	0.0051	0.1603	0.089	0.043	--
August 14	All Below	0.081	0	0.0739	0.0338	--
August 15	All Below	0.0217	0	0.0535	0.021	--
August 16	All Below	0.02	0	0.0411	0.0605	--
August 17	All Below	0.0031	0	0.0522	0.035	--
August 18	All Below	0.013	0	0.0869	0.023	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 19	All Below	0.0179	0	0.1695	0.018	--
August 20	All Below	0.0302	0	0.0749	0.0228	--
August 21	All Below	0.0301	0	0.0211	0.078	--
August 22	All Below	0.0095	0	0.1306	0.101	--
August 23	All Below	0.0103	0	0.1196	0.1119	--
August 24	All Below	0.0009	0	0.0731	0.1838	--
August 25	All Below	0.0008	0	0.3327	0.21	--
August 26	All Below	0.027	0	0.3611	0.1661	--
August 27	All Below	0.0308	0	0.1039	0.1268	--
August 28	All Below	0.0309	0.0006	0.0321	0.1569	--
August 29	All Below	0.0005	1.1283	0.0675	0.08	--
August 30	All Below	0.0001	0.1557	0.0415	0.142	--
August 31	All Below	0.0047	1.0966	0.055	0.4335	--

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

2020 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
August 8	All Below	Below detectable levels	0.005000	--	0.001240	--
August 9	All Below	Below detectable levels	Below detectable levels	0.001540	0.001420	--
August 10	All Below	Below detectable levels	Below detectable levels	0.000970	0.001260	--
August 11	All Below	Below detectable levels	Below detectable levels	0.002050	0.002560	--
August 12	All Below	Below detectable levels	Below detectable levels	0.002060	0.000770	--
August 13	All Below	Below detectable levels	Below detectable levels	0.002220	0.001780	--
August 14	All Below	Below detectable levels	Below detectable levels	0.002620	0.001550	--
August 15	All Below	Below detectable levels	Below detectable levels	0.000800	0.000190	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 16	All Below	Below detectable levels	Below detectable levels	0.000170	0.000210	--
August 17	All Below	Below detectable levels	Below detectable levels	0.002060	0.000200	--
August 18	All Below	Below detectable levels	Below detectable levels	0.011520	0.001750	--
August 19	All Below	Below detectable levels	Below detectable levels	0.009070	0.001410	--
August 20	All Below	Below detectable levels	Below detectable levels	0.020560	0.000100	--
August 21	All Below	Below detectable levels	Below detectable levels	0.002370	0.004450	--
August 22	All Below	Below detectable levels	Below detectable levels	0.008730	0.001980	--
August 23	All Below	Below detectable levels	Below detectable levels	0.002740	0.001600	--
August 24	All Below	Below detectable levels	Below detectable levels	0.001920	0.000200	--
August 25	All Below	Below detectable levels	Below detectable levels	0.002020	0.009800	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 26	All Below	Below detectable levels	Below detectable levels	0.021200	0.000080	--
August 27	All Below	Below detectable levels	Below detectable levels	0.012500	0.000070	--
August 28	All Below	Below detectable levels	Below detectable levels	0.003270	0.000090	--
August 29	All Below	Below detectable levels	Below detectable levels	0.002370	0.000190	--
August 30	All Below	Below detectable levels	Below detectable levels	0.001730	0.000110	--
August 31	All Below	Below detectable levels	Below detectable levels	0.002740	0.000090	--

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

Dredge Corridor Monitoring Locations



2020 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	Notes
August 8	All Below	0.003000	0.003000	Below Detectable Levels	Below Detectable Levels	--
August 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 11	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	Notes
August 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 13	All Below	0.002000	Below Detectable Levels	0.002000	Below Detectable Levels	--
August 14	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 18	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 21	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

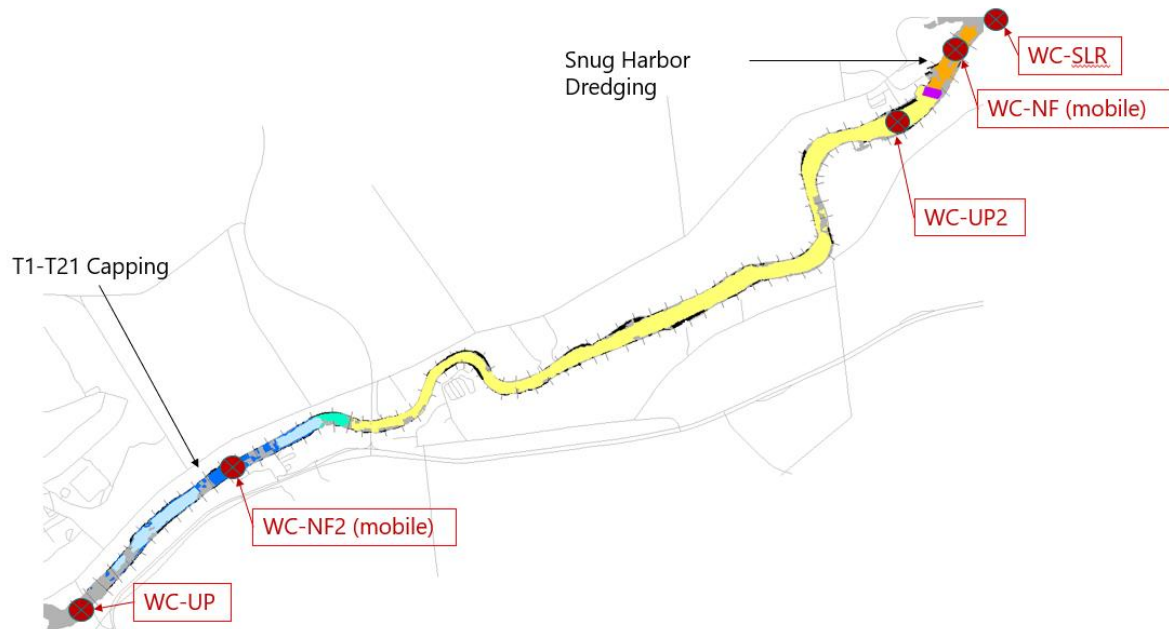
		Monitoring Station ID (see figure)				
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	Notes
August 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 28	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 30	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
August 31	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)

Water Monitoring - 2020 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at the water intake locations. Program also includes total suspended solids (TSS) and PCB analytical testing at the river 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 (click to enlarge)



**2020 Water Column Total Suspended Solids Data
(Corrective Action Level = 100 mg/L above WC-UP Level at WC-SLR)**

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
August 1	All Below	Below detectable levels	16.8	12.4	Below detectable levels	--
August 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
August 4	All Below	Below detectable levels	8.4	6.8	Below detectable levels	--
August 5	All Below	Below detectable levels	23.2	Below detectable levels	5.2	--
August 6	All Below	Below detectable levels	55.6	4.6	4.4	--
August 7	All Below	Below detectable levels	6.4	Below detectable levels	Below detectable levels	--
August 8	All Below	Below detectable levels	Below detectable levels	8.8	Below detectable levels	--
August 10	All Below	Below detectable levels	Below detectable levels	5.2	4.8	--
August 11	All Below	6.0	26.0	9.2	4.8	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
August 12	All Below	Below detectable levels	17.2	Below detectable levels	Below detectable levels	--
August 13	All Below	Below detectable levels	52.0	Below detectable levels	Below detectable levels	--
August 14	All Below	Below detectable levels	89.2	Below detectable levels	Below detectable levels	--
August 17	All Below	Below detectable levels	8.4	Below detectable levels	Below detectable levels	--
August 18	All Below	Below detectable levels	66.4	Below detectable levels	4.4	--
August 19	All Below	Below detectable levels	88.4	Below detectable levels	Below detectable levels	--
August 20	All Below	Below detectable levels	97.6	7.2	Below detectable levels	--
August 21	All Below	Below detectable levels	162	8.4	4.0	WC-NF2 early warning exceedance - construction work review/evaluation performed
August 22	All Below	Below detectable levels	112	Below detectable levels	4.8	WC-NF2 early warning exceedance - construction work

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
						review/evaluation performed
August 24	All Below	Below detectable levels	22	Below detectable levels	4.8	--
August 25	All Below	Below detectable levels	81.6	Below detectable levels	Below detectable levels	--
August 26	All Below	Below detectable levels	156	10.4	5.6	WC-NF2 early warning exceedance - construction work review/evaluation performed
August 27	All Below	Below detectable levels	226	Below detectable levels	4.8	WC-NF2 early warning exceedance - construction work review/evaluation performed
August 28	All Below	Below detectable levels	93	Below detectable levels	Below detectable levels	--
August 29	All Below	Below detectable levels	60.5	Below detectable levels	Below detectable levels	--
August 31	All Below	Below detectable levels	16.8	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.

**2020 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-UP2	WC-NF	WC-SLR	Notes
August 1	All Below	Below detectable levels	0.096000	Below detectable levels	
August 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 4	All Below	0.086000	Below detectable levels	Below detectable levels	
August 5	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 6	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 7	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 8	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 10	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
August 11	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 12	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 13	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 14	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 17	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 18	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 19	All Below	0.078000	Below detectable levels	Below detectable levels	
August 20	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 21	All Below	0.076000	Below detectable levels	Below detectable levels	
August 22	All Below	0.130000	Below detectable levels	Below detectable levels	

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
August 24	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 25	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 28	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 29	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 31	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2020 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
August 1	All Below	0.8	0.6	0.1	--
August 3	All Below	0.8	1.5	0.1	--
August 4	All Below	1.4	0.9	0.2	--
August 5	All Below	1.1	0.7	0.1	--
August 6	All Below	1.0	1.0	0.2	--
August 7	All Below	0.7	0.9	0.3	--
August 8	All Below	1.0	0.9	0.1	--
August 10	All Below	0.9	0.8	0.3	--
August 11	All Below	0.9	0.7	0.1	--
August 12	All Below	0.7	0.7	0.1	--
August 13	All Below	0.2	0.8	0.0	--
August 14	All Below	1.4	0.8	0.2	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
August 17	All Below	1.1	0.7	0.0	--
August 18	All Below	1.0	0.6	0.1	--
August 19	All Below	0.8	0.9	0.2	--
August 20	All Below	1.2	0.6	0.2	--
August 21	All Below	0.7	0.8	0.1	--
August 22	All Below	0.9	0.9	0.2	--
August 24	All Below	1.1	0.7	0.1	--
August 25	All Below	1.7	0.8	0.1	--
August 26	All Below	0.6	0.9	0.1	--
August 27	All Below	0.7	1.0	0.0	--
August 28	All Below	0.7	0.9	0.1	--
August 29	All Below	1.4	2.0	0.2	--
August 31	All Below	0.4	1.1	0.0	--

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

2020 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
August 1	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 4	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 5	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 6	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 7	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 8	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 10	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 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
August 12	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 13	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 14	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 17	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 18	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 19	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 20	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 21	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 22	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 24	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

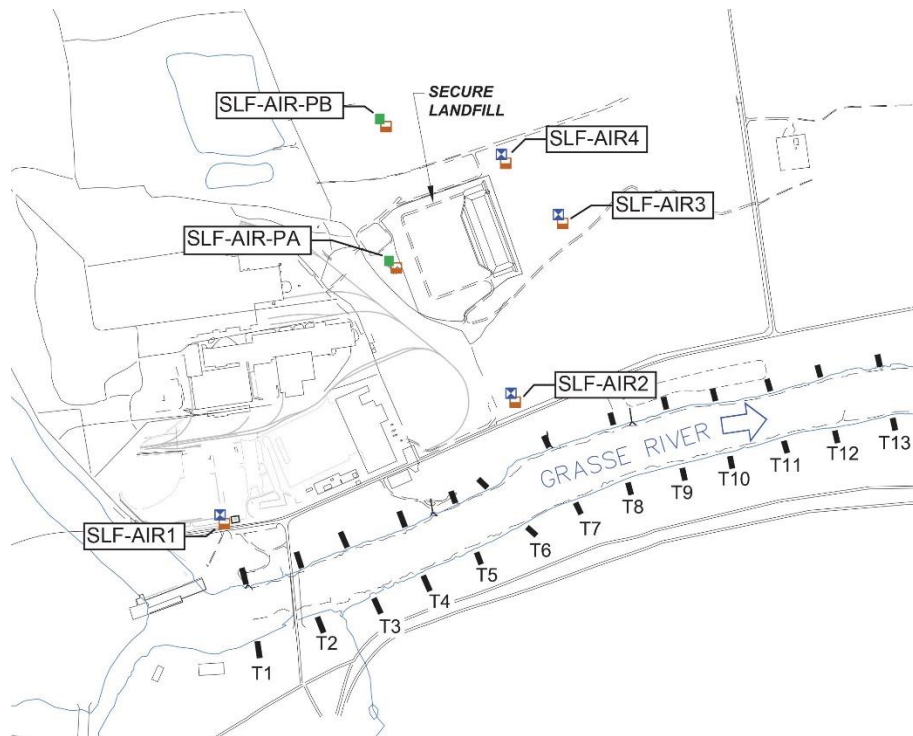
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
August 25	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 28	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 29	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
August 31	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

Total PCBs (micrograms per liter)

September 2020

Air Monitoring - 2020 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.



2020 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
Sept 1	All Below	0.0038	0.012	0.0093	0.0072	0.007	0.0098	--
Sept 2	All Below	0.0024	0.009	0.0093	0.013	0.0109	0.008	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 3	All Below	0.004	0.0118	0.0131	0.0128	0.0172	0.0083	--
Sept 4	All Below	0.0065	0.0107	0.0159	0.013	0.0165	0.0093	--
Sept 5	All Below	0.003	0.0063	0.0459	0.0051	0.0065	0.004	--
Sept 6	All Below	0.0067	0.0156	0.0163	0.0165	0.0213	0.0059	--
Sept 7	All Below	0.0037	0.0117	0.0149	0.01	--	--	--
Sept 8	All Below	0.0061	0.0166	0.0173	0.0165	--	--	--
Sept 9	All Below	0.0012	0.014	0.011	0.0112	0.0169	0	--
Sept 10	All Below	0.0053	0.0427	0.0407	0.0362	0.0435	--	--
Sept 11	All Below	0.0069	0.0298	0.0685	0.0339	0.0437	0.0103	--
Sept 12	All Below	0.0066	0.0169	0.0185	0.0135	0.0215	0.0073	--
Sept 13	All Below	0.0081	0.0146	0.0147	0.0133	0.0159	0.0147	--
Sept 14	All Below	0.0096	0.0562	0.017	0.0132	--	--	--
Sept 15	All Below	0.0097	0.0123	0.011	0.0078	0.0138	0.0077	--
Sept 16	All Below	0.0085	0.0108	0.0613	0.0126	0.0129	0.004	--
Sept 17	All Below	0.0071	0.016	0.0132	0.0139	0.0176	0.0093	--
Sept 18	All Below	0.0052	0.0095	0.008	0.0079	0.0126	0.009	--
Sept 19	All Below	0.004	0.008	0.0116	0.0074	0.0303	0.0111	--
Sept 20	All Below	0.0207	0.0277	0.033	0.0271	0.0311	0.0139	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 21	All Below	0.0063	0.0137	0.011	0.0005	--	--	--
Sept 22	All Below	0.0072	0.0092	0.0103	0.066	0.0159	0.0067	--
Sept 23	All Below	0.0129	0.0184	0.0218	0.0493	0.0317	0.008	--
Sept 24	All Below	0.015	0.0325	0.0493	0.0523	0.0363	0.02	--
Sept 25	All Below	0.0211	0.066	0.0404	0.0289	0.0389	0.0415	--
Sept 26	All Below	0.0092	0.0127	0.0049	0.0115	0.0207	0.0279	--
Sept 27	All Below	0.0277	0.0307	0	0.0291	0.0471	0.0733	--
Sept 28	All Below	0.0055	0.0067	0.025	0.0121	--	--	--
Sept 29	All Below	0.0121	0.0196	0.0182	0.0451	0.0201	0.0269	--
Sept 30	All Below	0.0112	0.0193	0.0213	0.0182	0.0239	0.0239	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2020 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
Sept 1	All Below	0.2087	0.0068	104.98	0.0059	0.1973	0.0066	SLF-AIR3 levels investigated, no unique

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
								cause identified and readings dropped below action level after ~20 minutes and remained below for the remainder of the day.
Sept 2	All Below	0.0609	0.0811	0.0309	0.0077	0.3313	0.6847	--
Sept 3	All Below	0.1074	0.158	0.22	0.0553	0.5949	1.6202	--
Sept 4	All Below	0.2722	0.1976	0.7704	0.0615	0.5701	2.0415	--
Sept 5	All Below	0.04	0.0558	0.1246	0.0265	0.1525	1.1574	--
Sept 6	All Below	0.0579	0.0023	0.0288	0.0287	0.2331	0.5889	--
Sept 7	All Below	0.1121	0.0591	5.7757	0.0128	--	--	SLF-AIR3 levels not related to field activities.
Sept 8	All Below	0.0994	0.1707	0.0427	0.0139	--	--	--
Sept 9	All Below	0.0447	0.0111	0.0889	0.01	0.8834	0.4126	--
Sept 10	All Below	0.0589	0.0878	0.0195	0.0019	0.4613	0.5335	--
Sept 11	All Below	0.0667	0.1091	0.1293	0.0168	0.0254	0.9914	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 12	All Below	0.0755	0.2269	0.3088	0.025	0.3403	1.8865	--
Sept 13	All Below	0.2422	0	25.844	0.0179	0.3277	6.8807	SLF-AIR3 and SLF-AIR-PB levels not related to field activities.
Sept 14	All Below	0.0753	0.1508	0.0267	0.0218	--	--	--
Sept 15	All Below	0.0599	0.202	0.273	0.0252	1.5085	2.7485	--
Sept 16	All Below	0.0093	0.0303	3.4565	0.0273	0.7371	1.0101	--
Sept 17	All Below	0.0102	0.0158	0.0057	0.0007	1.4948	2.3772	--
Sept 18	All Below	0.105	0.3515	0.3135	0.0369	0.0309	2.5207	--
Sept 19	All Below	0.0775	0.0095	20.681	0.0241	1.4305	2.9476	SLF-AIR3 levels not related to field activities.
Sept 20	All Below	0.0555	0.0543	11.363	0.0183	1.0434	1.7926	SLF-AIR3 levels not related to field activities.
Sept 21	All Below	0.0254	0.1061	0.189	0.0319	--	--	--
Sept 22	All Below	0.0366	0.0031	2.2449	0.0252	2.8993	6.5331	SLF-AIR-PB levels not related to field activities.
Sept 23	All Below	0.0081	0.0032	2.6068	0.0093	1.9507	0.7924	--

		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 24	All Below	0.1022	0.0475	0.0253	0.021	0.4899	0.4513	--
Sept 25	All Below	0.134	0.098	0.0372	0.0163	0.457	0.075	--
Sept 26	All Below	0.0176	0.2135	0.1851	0.0024	3.2686	0.4949	--
Sept 27	All Below	0.0232	0.0248	10.469	0.0138	0.6009	7.4974	SLF-AIR3 and SLF-AIR-PB levels not related to field activities.
Sept 28	All Below	0.0269	0	0.006	0.0005	--	--	--
Sept 29	All Below	0.0973	0.094	0.0197	0.0087	3.4529	0.3259	--
Sept 30	All Below	0.0697	0.1099	0.1759	0.0249	1.1107	0.1437	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2020 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
Sept 1	All Below	0.000120	0.000270	0.000300	0.000170	Below detectable levels	Below detectable levels	--
Sept 2	All Below	0.000100	0.000420	0.000630	0.005050	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
Sept 3	All Below	0.000100	0.000830	0.005420	0.003320	Below detectable levels	Below detectable levels	--
Sept 4	All Below	0.000090	0.000770	0.000950	0.003660	Below detectable levels	Below detectable levels	--
Sept 5	All Below	0.000070	0.000510	0.003430	0.000180	--	--	--
Sept 6	All Below	0.000070	0.000530	0.004280	0.001600	Below detectable levels	Below detectable levels	--
Sept 7	All Below	0.000110	0.000300	0.000250	0.001370	--	--	--
Sept 8	All Below	0.000130	0.000820	0.002970	0.001690	--	--	--
Sept 9	All Below	0.000140	0.000260	0.000200	0.000110	Below detectable levels	Below detectable levels	--
Sept 10	All Below	0.000180	0.000030	0.000140	0.000130	Below detectable levels	Below detectable levels	--
Sept 11	All Below	0.000120	0.000210	0.000320	0.000090	--	--	--
Sept 12	All Below	0.000100	0.000140	0.000180	0.000080	Below detectable levels	Below detectable levels	--
Sept 13	All Below	0.000140	0.000190	0.000290	0.000110	Below detectable levels	Below detectable levels	--
Sept 14	All Below	0.000090	0.000620	0.001850	0.001530	--	--	--
Sept 15	All Below	0.000140	0.001080	0.000150	0.000060	Below detectable levels	Below detectable levels	--
Sept 16	All Below	0.000090	0.000260	0.000150	0.000250	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
Sept 17	All Below	0.000160	0.000580	0.000380	0.000280	Below detectable levels	Below detectable levels	--
Sept 18	All Below	0.000120	0.000150	0.000110	0.000070	Below detectable levels	Below detectable levels	--
Sept 19	All Below	0.000110	0.000140	0.000050	0.000050	Below detectable levels	Below detectable levels	--
Sept 20	All Below	0.000090	0.000160	0.000100	0.000100	Below detectable levels	Below detectable levels	--
Sept 21	All Below	0.000090	0.000100	0.000110	0.000060	--	--	--
Sept 22	All Below	0.000170	0.000110	0.000110	0.000090	Below detectable levels	Below detectable levels	--
Sept 23	All Below	0.000170	0.000400	0.000380	0.000230	Below detectable levels	Below detectable levels	--
Sept 24	All Below	0.000180	0.000580	0.002130	0.001810	Below detectable levels	Below detectable levels	--
Sept 25	All Below	0.000130	0.000140	0.000170	0.000110	Below detectable levels	Below detectable levels	--
Sept 26	All Below	0.000100	0.000170	0.000140	0.000080	Below detectable levels	Below detectable levels	--
Sept 27	All Below	0.000140	0.000510	0.000250	0.000220	Below detectable levels	Below detectable levels	--
Sept 28	All Below	0.000110	0.000750	0.000200	0.001260	--	--	--
Sept 29	All Below	0.000130	0.000380	0.000420	0.000180	Below detectable levels	Below detectable levels	--

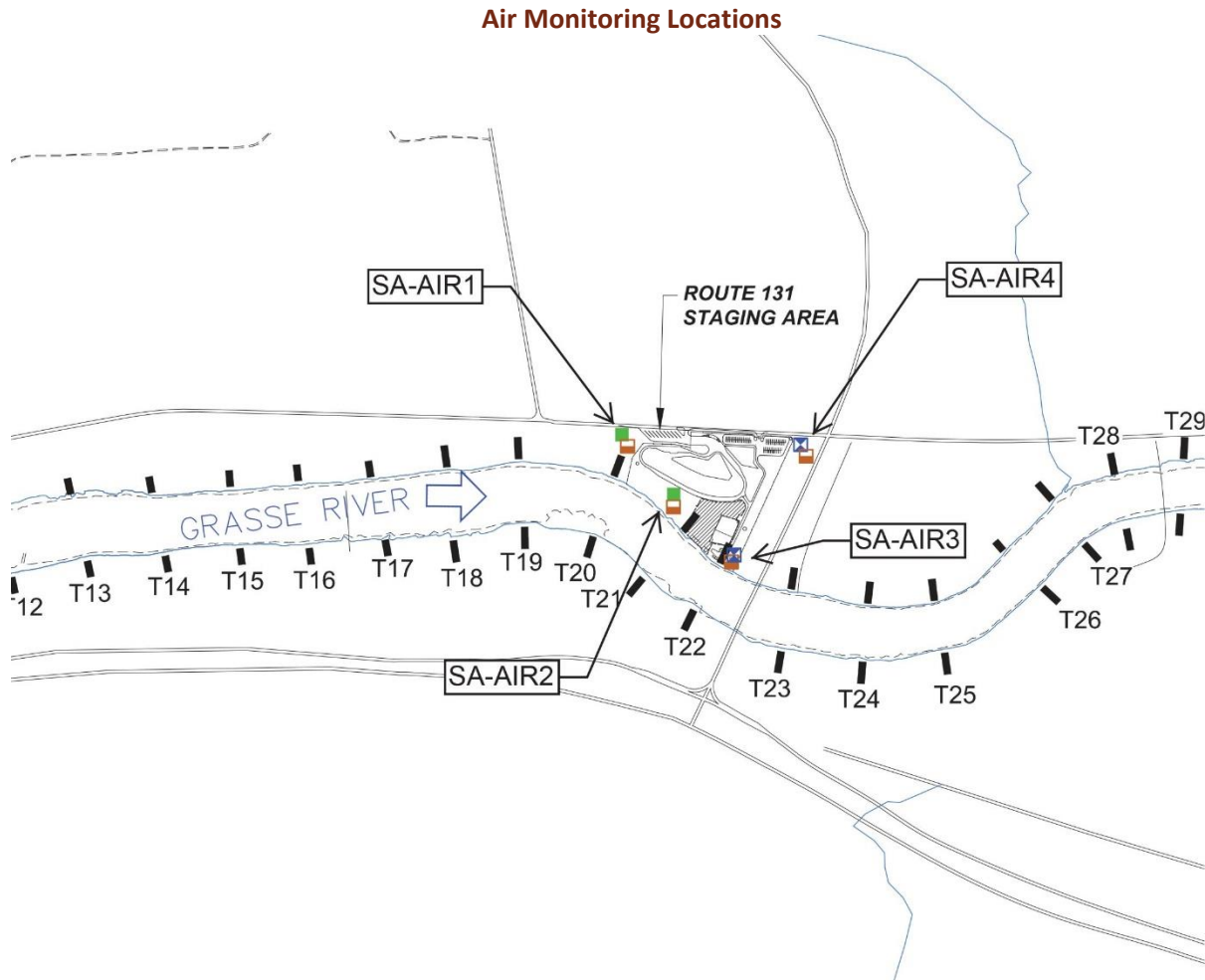
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 30	All Below	0.000070	0.000540	0.004280	0.003030	Below detectable levels	Below detectable levels	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2020 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.



2020 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	
Sept 1	All Below	0.0195	0.0079	0.0055	0.013	--
Sept 2	All Below	0.0224	0.0069	0.0046	0.016	--
Sept 3	All Below	0.0122	0.0095	0.0051	0.061	--
Sept 4	All Below	0.0298	0.0099	0.0045	0.0285	--
Sept 5	All Below	0.0292	0.03	0.0127	0.0383	--
Sept 6	All Below	0.0353	0.0354	0.0055	0.027	--
Sept 7	All Below	0.0113	0.0118	0.0061	0.0153	--
Sept 8	All Below	0.017	0.0163	0.0056	0.0223	--
Sept 9	All Below	0.0137	0.0153	0.004	0.017	--
Sept 10	All Below	0.0452	0.0479	0.0113	0.052	--
Sept 11	All Below	0.0418	0.0382	0.0099	0.0663	--
Sept 12	All Below	0.013	0.0139	0.003	0.0235	--
Sept 13	All Below	0.0295	0.0187	0.0063	0.0188	--
Sept 14	All Below	0.0101	0.0102	0.0041	0.013	--
Sept 15	All Below	0.014	0.0139	0.0043	0.0185	--
Sept 16	All Below	0.0214	0.0143	0.0057	0.0228	--
Sept 17	All Below	0.0153	0.0149	0.006	0.0277	--
Sept 18	All Below	0.0188	0.0095	0.0051	0.0168	--
Sept 19	All Below	0.0219	0.016	0.0054	0.0212	--
Sept 20	All Below	0.0293	0.0349	0.0046	0.0285	--
Sept 21	All Below	0.0145	0.013	0.0035	0.0197	--
Sept 22	All Below	0.0267	0.0203	0.0042	0.0237	--
Sept 23	All Below	0.0264	0.0357	0.007	0.0315	--
Sept 24	All Below	0.031	0.0329	0.0133	0.0473	--
Sept 25	All Below	0.0462	0.035	0.0156	0.0461	--
Sept 26	All Below	0.0212	0.022	0.0075	0.0206	--
Sept 27	All Below	0.0365	0.0316	0.015	0.0487	--
Sept 28	All Below	0.0154	0.0105	0.0062	0.0133	--
Sept 29	All Below	0.0248	0.0194	0.0069	0.0251	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 30	All Below	0.0164	0.0184	0.0054	0.0268	--

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

2020 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
Sept 1	All Below	0.0055	0.9721	0.0756	0.6217	--
Sept 2	All Below	0	0.8994	0.0713	0.7802	--
Sept 3	All Below	0.0004	0.5222	0.0555	1.393	--
Sept 4	All Below	0.0005	0.6671	0.0349	1.62	--
Sept 5	All Below	0.0243	1.0033	0.0509	1.4825	--
Sept 6	All Below	0.0266	0.9939	0.0115	0.3525	--
Sept 7	All Below	0.0021	1.1007	0.0241	0.5257	--
Sept 8	All Below	0.0036	1.2253	0.0769	0.278	--
Sept 9	All Below	0.0091	1.0064	0.0849	0.5756	--
Sept 10	All Below	0.0039	0.078	0.0681	0.8325	--
Sept 11	All Below	0.0139	0.5459	0.0551	1.1895	--
Sept 12	All Below	0.0295	1.1642	0.1063	0.5858	--
Sept 13	All Below	0.0307	1.1862	0.0989	1.587	--
Sept 14	All Below	0.0101	0.6546	0.0625	1.203	--
Sept 15	All Below	0.0397	1.1774	0.1991	0.3878	--
Sept 16	All Below	0.0398	1.1768	0.0825	1.266	--
Sept 17	All Below	0.0095	1.2524	0.0573	1.732	--
Sept 18	All Below	0.0363	1.191	0.1141	0.13	--
Sept 19	All Below	0.0443	1.1161	0.1079	0.972	--
Sept 20	All Below	0.0457	0.5339	0.1007	0.4802	--
Sept 21	All Below	0.0391	0.5446	0.0719	0.5015	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 22	All Below	0.0388	0.5493	0.0372	1.1446	--
Sept 23	All Below	0.0396	0.5517	0.0465	1.8737	--
Sept 24	All Below	0.0207	0.5395	0.0231	1.3505	--
Sept 25	All Below	0.0135	0.4618	0.0622	1.0436	--
Sept 26	All Below	0.0217	0.4291	0	0.9273	--
Sept 27	All Below	0.02	0.5737	0.003	1.6955	--
Sept 28	All Below	0	0.5464	0.0149	1.6916	--
Sept 29	All Below	0.0001	0.3616	0.0439	0.2449	--
Sept 30	All Below	0.0056	0	0.0245	1.1147	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2020 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
Sept 1	All Below	Below detectable levels	Below detectable levels	0.000170	0.000120	--
Sept 2	All Below	Below detectable levels	Below detectable levels	0.000170	0.000270	--
Sept 3	All Below	Below detectable levels	Below detectable levels	0.001670	0.000290	--
Sept 4	All Below	Below detectable levels	Below detectable levels	0.000200	0.002750	--
Sept 5	All Below	Below detectable levels	Below detectable levels	0.002740	0.001590	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 6	All Below	Below detectable levels	Below detectable levels	0.002120	0.001500	--
Sept 7	All Below	Below detectable levels	Below detectable levels	0.001160	0.000120	--
Sept 8	All Below	Below detectable levels	Below detectable levels	0.001590	0.001390	--
Sept 9	All Below	Below detectable levels	Below detectable levels	0.000170	0.000090	--
Sept 10	All Below	Below detectable levels	Below detectable levels	0.000220	0.000160	--
Sept 11	All Below	Below detectable levels	Below detectable levels	0.000800	0.000140	--
Sept 12	All Below	Below detectable levels	Below detectable levels	0.002280	0.000150	--
Sept 13	All Below	Below detectable levels	Below detectable levels	0.000160	0.000150	--
Sept 14	All Below	Below detectable levels	Below detectable levels	0.000230	0.001570	--
Sept 15	All Below	Below detectable levels	Below detectable levels	0.004940	0.000040	--
Sept 16	All Below	Below detectable levels	Below detectable levels	0.000160	0.000250	--
Sept 17	All Below	Below detectable levels	Below detectable levels	0.000270	0.000980	--
Sept 18	All Below	Below detectable levels	Below detectable levels	0.000230	0.000090	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 19	All Below	Below detectable levels	Below detectable levels	0.000190	0.000050	--
Sept 20	All Below	Below detectable levels	Below detectable levels	0.000320	0.000100	--
Sept 21	All Below	Below detectable levels	Below detectable levels	0.000150	0.000070	--
Sept 22	All Below	Below detectable levels	Below detectable levels	0.000150	0.000120	--
Sept 23	All Below	Below detectable levels	Below detectable levels	0.000550	0.000250	--
Sept 24	All Below	Below detectable levels	Below detectable levels	0.005130	0.002040	--
Sept 25	All Below	Below detectable levels	Below detectable levels	0.000230	0.000110	--
Sept 26	All Below	Below detectable levels	Below detectable levels	0.000120	0.000110	--
Sept 27	All Below	Below detectable levels	Below detectable levels	0.003520	0.003540	--
Sept 28	All Below	Below detectable levels	Below detectable levels	0.001600	0.002190	--
Sept 29	All Below	Below detectable levels	Below detectable levels	0.001040	0.000170	--
Sept 30	All Below	Below detectable levels	Below detectable levels	0.000160	0.001900	--

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

Dredge Corridor Monitoring Locations (click to enlarge)



**2020 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	Notes
Sept 1	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 2	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 3	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--

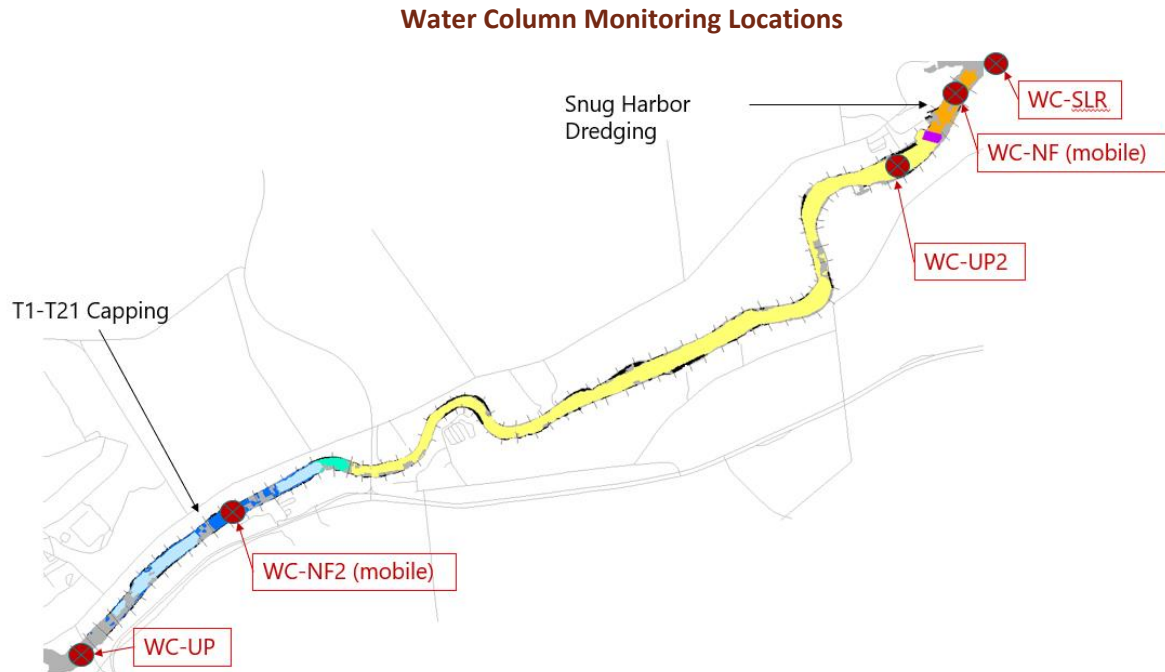
		Monitoring Station ID (see figure)				
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	Notes
Sept 4	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 5	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 6	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 9	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 10	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 11	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 12	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 13	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 15	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 16	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 17	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 18	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	Notes
Sept 19	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 20	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 22	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 23	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 24	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 25	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 26	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 27	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 29	All Below	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	Below Detectable Levels	--
Sept 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)

Water Monitoring - 2020 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at the water intake locations. Program also includes total suspended solids (TSS) and PCB analytical testing at the river 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.



2020 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level at WC-SLR)

Date	Action Level Check	Monitoring Station ID (see figure)				Notes
		WC-UP	WC-NF2	WC-NF	WC-SLR	
Sept 1	All Below	Below detectable levels	10.0	Below detectable levels	Below detectable levels	--
Sept 2	All Below	Below detectable levels	31.6	Below detectable levels	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
Sept 3	All Below	Below detectable levels	48.0	Below detectable levels	Below detectable levels	--
Sept 4	All Below	Below detectable levels	63.6	11.6	Below detectable levels	--
Sept 5	All Below	Below detectable levels	47.5	12.0	Below detectable levels	--
Sept 8	All Below	Below detectable levels	9.2	Below detectable levels	Below detectable levels	--
Sept 9	All Below	Below detectable levels	27.2	13.6	Below detectable levels	--
Sept 10	All Below	Below detectable levels	4.8	Below detectable levels	Below detectable levels	--
Sept 11	All Below	Below detectable levels	8.0	Below detectable levels	Below detectable levels	--
Sept 12	All Below	Below detectable levels	4.8	Below detectable levels	Below detectable levels	--
Sept 14	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 15	All Below	Below detectable levels	8.8	Below detectable levels	Below detectable levels	--
Sept 16	All Below	Below detectable levels	8.0	Below detectable levels	Below detectable levels	--
Sept 17	All Below	Below detectable levels	7.6	Below detectable levels	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-SLR	Notes
Sept 18	All Below	Below detectable levels	10.8	Below detectable levels	Below detectable levels	--
Sept 19	All Below	Below detectable levels	6.0	Below detectable levels	Below detectable levels	--
Sept 21	All Below	Below detectable levels	4.8	Below detectable levels	Below detectable levels	--
Sept 22	All Below	Below detectable levels	7.2	Below detectable levels	Below detectable levels	--
Sept 23	All Below	Below detectable levels	9.2	Below detectable levels	Below detectable levels	--
Sept 24	All Below	Below detectable levels	8.0	Below detectable levels	Below detectable levels	--
Sept 25	All Below	Below detectable levels	10.0	Below detectable levels	Below detectable levels	--
Sept 26	All Below	Below detectable levels	16.0	Below detectable levels	Below detectable levels	--
Sept 28	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 29	All Below	Below detectable levels	6.4	10.0	Below detectable levels	--
Sept 30	All Below	Below detectable levels	12.8	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.

2020 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-UP2	WC-NF	WC-SLR	Notes
Sept 1	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 2	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 4	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 5	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 9	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 10	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 11	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 12	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 14	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 15	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 16	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
Sept 17	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 18	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 19	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 21	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 22	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 23	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 24	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 25	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 28	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 29	All Below	Below detectable levels	0.074000	Below detectable levels	
Sept 30	All Below	--	Below detectable levels	Below detectable levels	

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations (click to enlarge)



**2020 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
Sept 1	All Below	0.4	1.2	0.1	--
Sept 2	All Below	0.7	1.0	0.2	--
Sept 3	All Below	0.6	0.9	0.0	--
Sept 4	All Below	0.7	1.1	0.1	--
Sept 5	All Below	0.7	1.0	0.0	--
Sept 8	All Below	0.9	0.5	0.2	--
Sept 9	All Below	0.2	0.9	0.0	--
Sept 10	All Below	0.8	0.9	0.1	--
Sept 11	All Below	1.1	0.9	0.2	--
Sept 12	All Below	0.2	0.9	0.0	--
Sept 14	All Below	0.8	0.7	0.1	--
Sept 15	All Below	0.9	0.8	0.0	--
Sept 16	All Below	0.8	0.7	0.2	--
Sept 17	All Below	0.6	0.9	0.2	--
Sept 18	All Below	0.4	0.8	0.1	--
Sept 19	All Below	0.9	0.7	0.0	--
Sept 21	All Below	0.7	0.7	0.1	--
Sept 22	All Below	0.6	0.8	0.0	--
Sept 23	All Below	0.8	0.8	0.1	--
Sept 24	All Below	0.3	0.9	0.0	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sept 25	All Below	0.5	0.7	0.2	--
Sept 26	All Below	0.6	0.6	0.0	--
Sept 28	All Below	1.1	0.5	0.2	--
Sept 29	All Below	0.2	0.6	0.2	--
Sept 30	All Below	1.5	0.9	0.1	--

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

2020 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
Sept 1	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 2	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 4	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 5	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 8	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 9	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
Sept 10	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 11	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 12	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 14	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 15	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 16	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 17	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 18	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 19	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 21	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 22	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 23	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 24	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

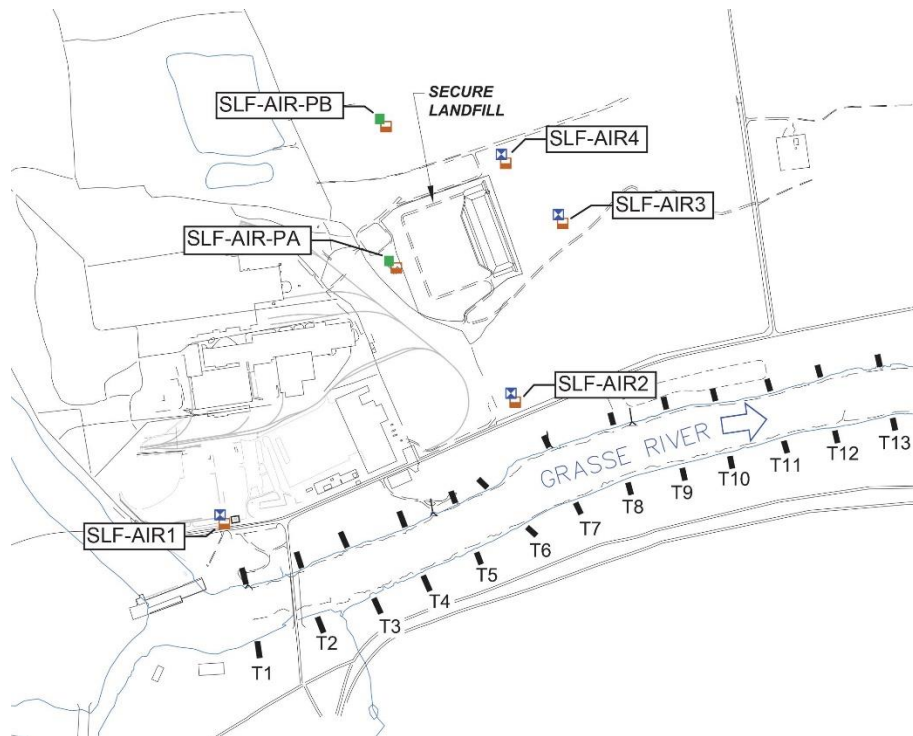
		Monitoring Station ID (see figure)			
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sept 25	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 28	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 29	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Sept 30	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

Total PCBs (micrograms per liter)

October 2020

Air Monitoring - 2020 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.



2020 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	0.0063	0.013	0.0159	0.0111	0.0089	0.0114	--
Oct 2	All Below	0.0062	0.0108	0.0103	0.0083	0.0111	0.0061	--

		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	0.0037	0.0094	--	0.0107	0.0135	0.0078	--
Oct 4	All Below	0.0178	0.0204	--	0.0217	0.0286	0.0089	--
Oct 5	All Below	0.0062	0.009	--	0.0098	--	--	--
Oct 6	All Below	0.0087	0.0185	0.0199	0.0173	0.0231	0.0177	--
Oct 7	All Below	0.0135	0.0149	0.0178	0.0163	0.02	0.0132	--
Oct 8	All Below	0.0097	0.0158	0.0165	0.0143	0.0159	0.0118	--
Oct 9	All Below	0.008	0.0113	0.0129	0.0102	0.0145	0.0093	--
Oct 10	All Below	0.0088	0.018	0.0164	0.0121	0.018	0.0119	--
Oct 11	All Below	0.0277	0.043	0.0439	0.038	--	--	--
Oct 12	All Below	0.0076	0.0139	0.0098	0.009	--	--	--
Oct 13	All Below	0.0043	0.0086	0.0089	0.0071	0.0176	0.009	--
Oct 14	All Below	0.0048	0.0117	0.0147	0.0283	0.0163	0.0062	--
Oct 15	All Below	0.0123	0.0137	0.0158	0.0145	0.0205	0.0076	--
Oct 16	All Below	0.003	0.006	0.0178	0.0105	0.0074	0.0116	--
Oct 17	All Below	0.0119	0.0204	0.0228	0.0113	0.0183	0.0045	--
Oct 18	All Below	0.0169	0.0157	0.0231	0.0211	0.0248	0.0075	--
Oct 19	All Below	0.0063	0.0087	0.0071	0.008	--	--	--
Oct 20	All Below	0.0079	0.0163	0.0146	0.0119	0.0115	0.0035	--

		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 21	All Below	0.0072	0.0111	0.0109	0.0098	0.0139	0.003	--
Oct 22	All Below	0.0085	0.0121	0.014	0.0129	0.0145	0.0061	--
Oct 23	All Below	0.0084	0.0111	0.0139	0.0135	0.016	0.0061	--
Oct 24	All Below	0.01	0.0155	0.0151	0.0157	0.0163	0.0187	--
Oct 25	All Below	0.0051	0.0075	0.0051	0.003	0	0.0025	--
Oct 26	All Below	0.0087	0.0075	0.007	0.0058	--	--	--
Oct 27	All Below	0.007	0.0185	0.0211	0.0188	0.0214	0.0068	--
Oct 28	All Below	0.005	0.0053	0.005	0.0037	0.008	0.002	--
Oct 29	All Below	0.0139	0.0231	0.0273	0.02	0.0243	0.0116	--
Oct 30	All Below	0.0145	0.0229	0.0239	0.0203	0.0275	0.01	--
Oct 31	All Below	0.0229	0.0247	0.0498	0.0385	0.0465	0.0045	--

NA = Data not collected

Particulates (milligrams per cubic meter)

**2020 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	0.0597	0.0569	0.1741	0.0383	0.6123	0.1215	--

		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 2	All Below	0.0813	0.2431	0.3699	0.0359	3.4163	0.0834	--
Oct 3	All Below	0.0317	0.0413	2.9789	0.0185	1.0449	0.0517	--
Oct 4	All Below	0.0653	0.1285	0.9585	0.0009	0.4203	0.118	--
Oct 5	All Below	0.0463	0.0804	2.6297	0.0136	--	--	--
Oct 6	All Below	0.0698	0.0881	0.3941	0.0027	2.8268	0.0901	--
Oct 7	All Below	0.0918	0.09	93.751	0.0748	0.3611	0.0613	SLF-AIR3 levels investigated, no unique cause identified and readings dropped below action level during investigation and remained below for the remainder of the day.
Oct 8	All Below	0.082	0.122	0	0.0786	8.0227	0.2636	SLF-AIR3 levels not related to field operations.
Oct 9	All Below	0.0611	0.1177	0	0.0009	1.5327	0.266	--
Oct 10	All Below	0.0026	0.0012	0	0.0711	0.7843	0.0161	--
Oct 11	All Below	0.0837	0.0649	0.2443	0.0024	--	--	--

		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 12	All Below	0.0962	0.0549	0.2131	0.0057	--	--	--
Oct 13	All Below	0.0225	0.0224	0.0539	0.0088	2.6832	0	--
Oct 14	All Below	0.1003	0.1375	0.0551	0.0153	2.1303	0.0581	--
Oct 15	All Below	0.0824	0.1393	2.3489	0.0654	3.2859	0.141	--
Oct 16	All Below	0.0445	0.0444	0.0023	0.0007	0.8096	0.0857	--
Oct 17	All Below	0.0781	0.1411	0.2502	0.0218	0.3979	0.1492	--
Oct 18	All Below	0.1237	0.1091	4.7007	0.0981	2.2903	0.1099	--
Oct 19	All Below	0.0685	0.0705	0.0987	0.0173	--	--	--
Oct 20	All Below	0.0541	0	0	0.0136	1.7739	0.4941	--
Oct 21	All Below	0.0826	0.1183	0.0635	0.0538	2.2018	0.1448	--
Oct 22	All Below	2.3655	0.0591	16.774	0.9919	8.0063	0.1126	SLF-AIR3 and SLF-AIR-PA levels not related to field activities
Oct 23	All Below	0.1133	0	0.4073	0.0141	1.3115	0.0305	--
Oct 24	All Below	0.0771	0.0515	0	0.0186	8.3094	0.1612	SLF-AIR-PA levels not related to field activities
Oct 25	All Below	0.1243	0.2408	0.0025	0.0525	1.7986	0.2401	--
Oct 26	All Below	0.0005	0.2417	0.0153	0.0208	--	--	--

		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 27	All Below	0	0	0.2699	0.018	1.727	0.0678	--
Oct 28	All Below	0.0331	0.0083	0.0153	0.023	0	0.1215	--
Oct 29	All Below	0	0	0.0674	0.0084	0.6245	0.1344	--
Oct 30	All Below	0.1005	0.1357	0.0281	0.021	6.2541	0.1839	SLF-AIR-PA levels not related to field activities
Oct 31	All Below	0.0926	0.1292	0.1398	0.0291	6.7863	0.1859	SLF-AIR-PA levels not related to field activities

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2020 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	0.000050	0.000440	0.007060	0.001400	Below detectable levels	Below detectable levels	--
Oct 2	All Below	0.000040	0.000490	0.000270	0.000940	Below detectable levels	Below detectable levels	--
Oct 3	All Below	0.000120	0.000340	0.000180	0.000080	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 4	All Below	0.000060	0.000180	0.000130	0.000060	Below detectable levels	Below detectable levels	--
Oct 5	All Below	0.000090	0.000200	0.000150	0.000110	--	--	--
Oct 6	All Below	0.000080	0.000230	0.000140	0.000980	Below detectable levels	Below detectable levels	--
Oct 7	All Below	0.000080	0.000480	0.001540	0.002200	Below detectable levels	Below detectable levels	--
Oct 8	All Below	0.000060	0.000270	0.000110	0.000120	Below detectable levels	Below detectable levels	--
Oct 9	All Below	0.000050	0.000110	0.000060	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 10	All Below	0.000070	0.000310	0.000120	0.000120	Below detectable levels	Below detectable levels	--
Oct 11	All Below	0.000140	0.000550	0.001390	0.001430	--	--	--
Oct 12	All Below	0.000120	0.000090	0.000070	0.000070	--	--	--
Oct 13	All Below	0.000100	0.000130	0.000110	0.000080	Below detectable levels	Below detectable levels	--
Oct 14	All Below	0.000160	0.000300	0.000180	0.000120	Below detectable levels	Below detectable levels	--
Oct 15	All Below	0.000120	0.000230	0.000120	0.000090	Below detectable levels	Below detectable levels	--
Oct 16	All Below	0.000100	0.000510	0.001870	0.002500	--	--	--

		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 17	All Below	0.000080	0.000290	0.001780	0.001770	Below detectable levels	Below detectable levels	--
Oct 18	All Below	0.000080	0.000200	0.002050	0.001350	Below detectable levels	Below detectable levels	--
Oct 19	All Below	0.000240	0.000320	Below detectable levels	0.001770	--	--	--
Oct 20	All Below	0.000110	0.000110	0.000150	0.000080	Below detectable levels	Below detectable levels	--
Oct 21	All Below	0.000130	0.000110	0.000070	0.000040	Below detectable levels	Below detectable levels	--
Oct 22	All Below	0.000320	0.000390	0.000280	0.000240	Below detectable levels	Below detectable levels	--
Oct 23	All Below	0.000250	0.000270	0.001750	0.001230	Below detectable levels	Below detectable levels	--
Oct 24	All Below	0.000210	0.000630	0.000360	0.001450	Below detectable levels	Below detectable levels	--
Oct 25	All Below	0.000080	0.000050	0.000040	Below detectable levels	--	--	--
Oct 26	All Below	0.000070	0.000050	Below detectable levels	Below detectable levels	--	--	--
Oct 27	All Below	0.000130	0.000120	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 28	All Below	0.000100	0.000070	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--

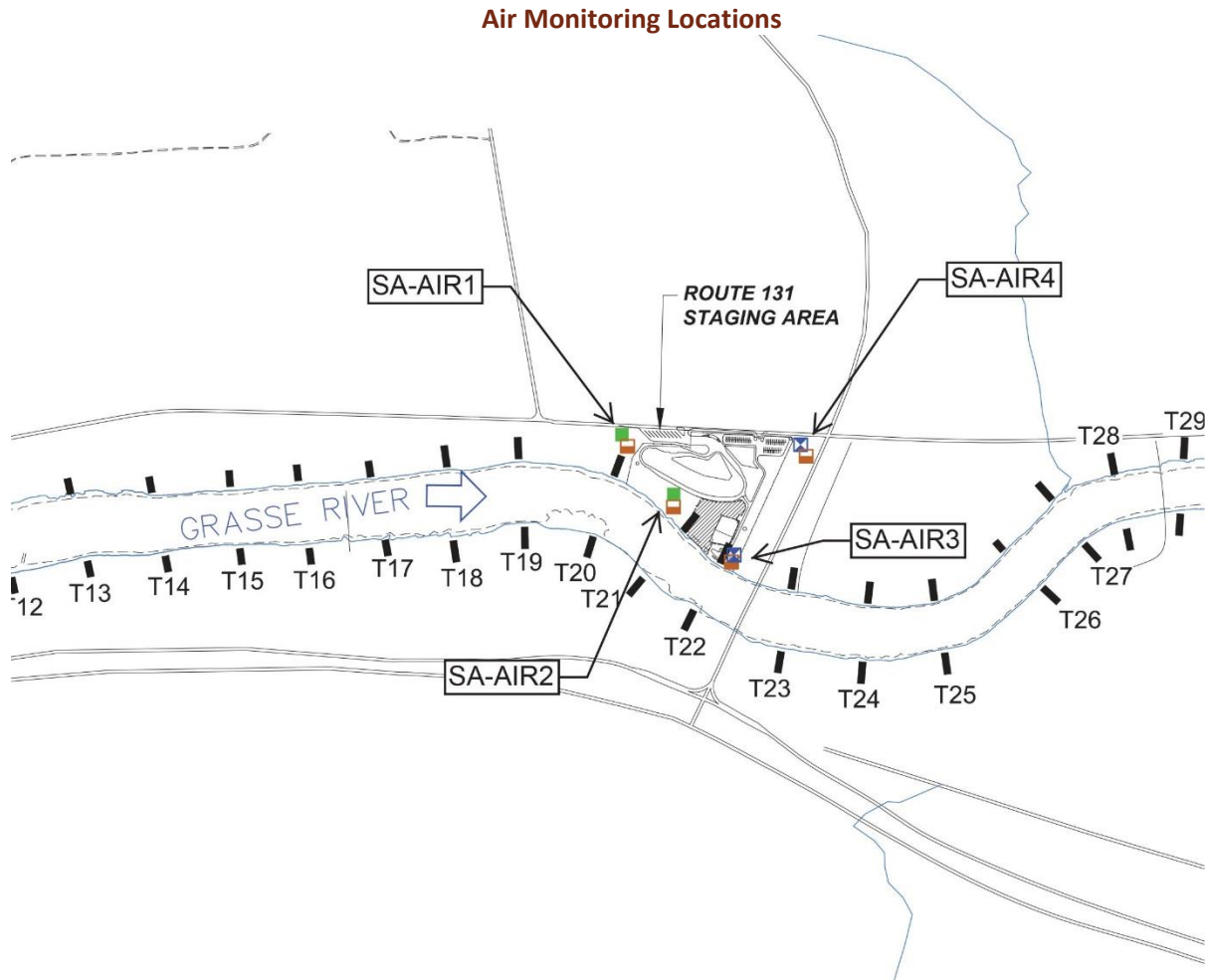
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 29	All Below	0.000090	0.000270	0.000220	0.001620	Below detectable levels	Below detectable levels	--
Oct 30	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 31	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2020 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.



2020 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	0.0079	0.009	0.0051	0.0328	--
Oct 2	All Below	0.0111	0.0132	0.0033	0.0186	--
Oct 3	All Below	0.0187	0.0133	0.0045	0.0212	--
Oct 4	All Below	0.0218	0.0275	0.0038	0.0215	--
Oct 5	All Below	0.0105	0.01	0.0042	0.0177	--
Oct 6	All Below	0.0195	0.0203	0.0068	0.0263	--
Oct 7	All Below	0.0175	0.0261	0.0081	0.0905	--
Oct 8	All Below	0.0142	0.0159	0.0055	0.026	--
Oct 9	All Below	0.014	0.0207	0.0049	0.0305	--
Oct 10	All Below	0.0103	0.0128	0.0048	0.024	--
Oct 11	All Below	0.0375	0.0441	0.012	0.0559	--
Oct 12	All Below	0.0107	0.0145	-0.0091	0.015	SA-AIR3 was re-calibrated. All readings were very low with all levels just below zero.
Oct 13	All Below	0.0126	0.0159	0.006	0.0163	--
Oct 14	All Below	0.0151	0.0174	0.006	0.0251	--
Oct 15	All Below	0.0098	0.0172	0.0057	0.025	--
Oct 16	All Below	0.0156	0.0106	0.0089	0.0181	--
Oct 17	All Below	0.0098	0.0121	0.0063	0.0287	--
Oct 18	All Below	0.0398	0.0428	0.0064	0.0423	--
Oct 19	All Below	0.0072	0.0102	0.0058	0.0165	--
Oct 20	All Below	0.0113	0.0137	0.0043	0.0191	--
Oct 21	All Below	0.0117	0.0148	0.006	0.0184	--
Oct 22	All Below	0.0145	0.0157	0.0055	0.0215	--
Oct 23	All Below	0.0171	0.1105	0.0078	0.0261	SA-AIR2 levels not

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
						related to field activities
Oct 24	All Below	0.0213	308.43	0.0075	0.0373	SA-AIR2 levels not related to field activities
Oct 25	All Below	0.0051	0.0079	0.0033	0.013	--
Oct 26	All Below	0.0081	0.0097	0.005	0.016	--
Oct 27	All Below	0.0181	0.0211	0.003	0.029	--
Oct 28	All Below	0.0056	0.0083	0.0021	0.0155	--
Oct 29	All Below	0.0248	0.0281	0.0056	0.0387	--
Oct 30	All Below	0.0245	0.0274	0.0053	0.0388	--
Oct 31	All Below	0.0261	0.0333	0.017	0.044	--

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

2020 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
Oct 1	All Below	0.0175	0.1232	0.0887	0.0741	--
Oct 2	All Below	0.031	0.3823	0.0055	0.0457	--
Oct 3	All Below	0.0307	0.0821	0.003	0.8038	--
Oct 4	All Below	0.0309	0.3651	0.0003	0	--
Oct 5	All Below	0.0265	0.5589	0	0	--
Oct 6	All Below	0.0314	0.4768	0.0072	0	--
Oct 7	All Below	0.0321	0.5099	0.0044	1.1271	--
Oct 8	All Below	0.0274	0.3126	0.0245	1.9303	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 9	All Below	0.0451	0.5261	0.0488	0	--
Oct 10	All Below	0.0475	0.5626	0.0445	0	--
Oct 11	All Below	0.0361	0.0192	0.0457	0.9077	--
Oct 12	All Below	0.0412	0.1383	0.0453	0	--
Oct 13	All Below	0.0349	0.031	0.0425	0.4999	--
Oct 14	All Below	0.0169	0	0	1.0329	--
Oct 15	All Below	0.025	0.1488	0.0183	1.6247	--
Oct 16	All Below	0.0152	0.0972	0.0016	1.0145	--
Oct 17	All Below	0.0347	0	0.0302	0.6439	--
Oct 18	All Below	0.0393	0.1555	0.0417	0.2655	--
Oct 19	All Below	0.0336	0.1775	0.0299	2.596	--
Oct 20	All Below	0.0264	0	0.0035	5.1233	SA-AIR4 levels not related to field activities
Oct 21	All Below	0.0341	0	0.0095	0	--
Oct 22	All Below	0.0342	2.7187	0.0225	1.4911	--
Oct 23	All Below	0.0251	0	0.0126	0	--
Oct 24	All Below	0.0114	0	0.0358	0.0012	--
Oct 25	All Below	0.0398	0.1007	0.0577	0	--
Oct 26	All Below	0.0387	0.2142	0.0463	0	--
Oct 27	All Below	0.0349	0.2913	0.0285	0	--
Oct 28	All Below	0.0357	0.2177	0.0552	0	--
Oct 29	All Below	0.0356	0.2288	0.0285	0	--
Oct 30	All Below	0.0413	0	0.0585	0	--
Oct 31	All Below	0.0591	0.2101	0.0797	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2020 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	0.001230	0.001450	--
Oct 2	All Below	Below detectable levels	Below detectable levels	0.002230	0.002840	--
Oct 3	All Below	Below detectable levels	Below detectable levels	0.003230	0.000130	--
Oct 4	All Below	Below detectable levels	Below detectable levels	0.000920	0.000590	--
Oct 5	All Below	Below detectable levels	Below detectable levels	0.000760	0.000080	--
Oct 6	All Below	Below detectable levels	Below detectable levels	0.001200	0.000070	--
Oct 7	All Below	Below detectable levels	Below detectable levels	0.000040	0.002330	--
Oct 8	All Below	Below detectable levels	Below detectable levels	0.002320	0.002450	--
Oct 9	All Below	Below detectable levels	Below detectable levels	0.005520	0.000080	--
Oct 10	All Below	Below detectable levels	Below detectable levels	0.000160	0.000190	--
Oct 11	All Below	Below detectable levels	Below detectable levels	0.002080	0.002070	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 12	All Below	Below detectable levels	Below detectable levels	0.000110	0.000100	--
Oct 13	All Below	Below detectable levels	Below detectable levels	0.000080	0.000060	--
Oct 14	All Below	Below detectable levels	Below detectable levels	0.000190	0.000140	--
Oct 15	All Below	Below detectable levels	Below detectable levels	0.001800	0.000100	--
Oct 16	All Below	Below detectable levels	Below detectable levels	0.000230	0.000240	--
Oct 17	All Below	Below detectable levels	Below detectable levels	0.000090	0.001650	--
Oct 18	All Below	Below detectable levels	Below detectable levels	0.000160	0.000100	--
Oct 19	All Below	Below detectable levels	Below detectable levels	0.000150	0.000230	--
Oct 20	All Below	Below detectable levels	Below detectable levels	0.001860	0.000180	--
Oct 21	All Below	Below detectable levels	Below detectable levels	0.000110	0.000110	--
Oct 22	All Below	Below detectable levels	Below detectable levels	0.000270	0.000240	--
Oct 23	All Below	Below detectable levels	Below detectable levels	0.000500	0.000190	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 24	All Below	Below detectable levels	Below detectable levels	0.000320	0.000270	--
Oct 25	All Below	Below detectable levels	Below detectable levels	0.000060	Below detectable levels	--
Oct 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 27	All Below	Below detectable levels	Below detectable levels	0.000160	0.000140	--
Oct 28	All Below	Below detectable levels	Below detectable levels	Below detectable levels	0.000140	--
Oct 29	All Below	Below detectable levels	Below detectable levels	Below detectable levels	0.000120	--
Oct 30	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 31	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)

Dredge Corridor Monitoring Locations (click to enlarge)



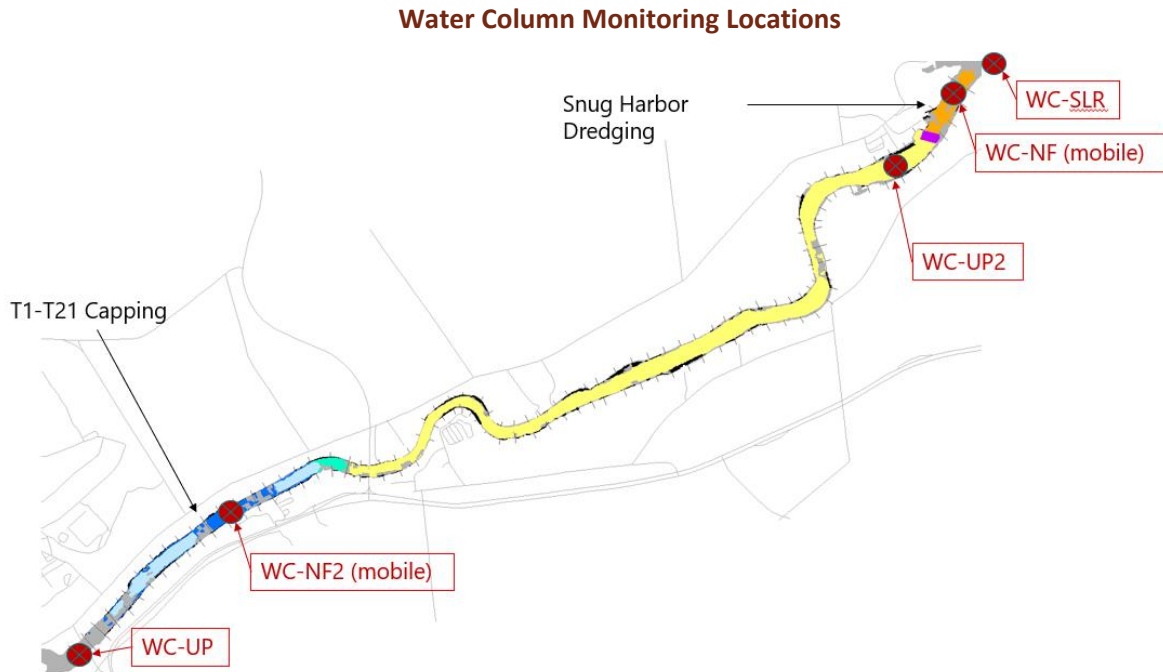
**2020 Air PCB Data - Mobile River Stations
(Corrective Action Level = 0.100 microgram per cubic meter)**

		Monitoring Station ID (see figure)				
Date	Action Level Check	DC-M1	DC-M2	DC-M3	DC-M4	Notes
Oct 2	All Below	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	--
Oct 4	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)

Water Monitoring - 2020 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at the water intake locations. Program also includes total suspended solids (TSS) and PCB analytical testing at the river 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.



2020 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level at WC-SLR)

Date	Action Level Check	Monitoring Station ID (see figure)					Notes
		WC-UP	WC-NF2	WC-NF	WC-MOUTH	WC-SLR	
Oct 1	All Below	5.2	22.0	Below detectable levels	--	Below detectable levels	--
Oct 2	All Below	Below detectable levels	9.2	Below detectable levels	--	Below detectable levels	--

		Monitoring Station ID (see figure)					
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 3	All Below	Below detectable levels	10.8	Below detectable levels	--	Below detectable levels	--
Oct 5	All Below	Below detectable levels	5.6	Below detectable levels	--	Below detectable levels	--
Oct 6	All Below	Below detectable levels	6.4	5.2	--	Below detectable levels	--
Oct 7	All Below	Below detectable levels	5.6	Below detectable levels	--	Below detectable levels	--
Oct 8	All Below	Below detectable levels	12.0	Below detectable levels	--	Below detectable levels	--
Oct 9	All Below	Below detectable levels	7.2	--	Below detectable levels	Below detectable levels	--
Oct 12	All Below	Below detectable levels	4.4	--	Below detectable levels	Below detectable levels	--
Oct 13	All Below	Below detectable levels	4.8	--	Below detectable levels	Below detectable levels	--
Oct 14	All Below	Below detectable levels	12.0	--	Below detectable levels	Below detectable levels	--
Oct 15	All Below	10.8	Below detectable levels	5.6	--	Below detectable levels	--
Oct 16	All Below	Below detectable levels	11.6	Below detectable levels	--	Below detectable levels	--
Oct 17	All Below	Below detectable levels	10.8	Below detectable levels	--	Below detectable levels	--

		Monitoring Station ID (see figure)					
Date	Action Level Check	WC-UP	WC-NF2	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 26	All Below	Below detectable levels	14.8	Below detectable levels	--	Below detectable levels	--
Oct 27	All Below	Below detectable levels	Below detectable levels	--	4.8	Below detectable levels	--
Oct 28	All Below	Below detectable levels	5.6	--	5.6	Below detectable levels	--
Oct 29	All Below	Below detectable levels	6.0	--	4.4	Below detectable levels	--
Oct 30	All Below	Below detectable levels	Below detectable levels	--	7.2	Below detectable levels	--
Oct 31	All Below	Below detectable levels	4.4	--	7.2	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.

2020 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-UP2	WC-NF	WC-SLR	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	

		Monitoring Station ID (see figure)			
Date	Action Level Check	WC-UP2	WC-NF	WC-SLR	Notes
Oct 3	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 6	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 13	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2020 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	0.9	0.6	0.1	--
Oct 2	All Below	0.5	0.8	0.2	--
Oct 3	All Below	0.7	0.9	0.1	--
Oct 5	All Below	1.0	0.6	0.2	--
Oct 6	All Below	1.2	0.8	0.3	--
Oct 7	All Below	0.2	0.7	0.2	--
Oct 8	All Below	0.7	0.8	0.3	--
Oct 9	All Below	0.4	2.9	0.2	--
Oct 12	All Below	0.4	1.3	0.2	--
Oct 13	All Below	0.8	0.6	0.3	--
Oct 14	All Below	0.2	2.0	0.2	--
Oct 15	All Below	0.8	0.7	0.2	--
Oct 16	All Below	0.3	1.3	0.3	--
Oct 17	All Below	0.3	1.3	0.3	--
Oct 19	All Below	0.3	2.3	0.1	--
Oct 20	All Below	0.4	2.0	0.4	--
Oct 21	All Below	0.1	0.9	0.0	--
Oct 22	All Below	0.2	1.1	0.4	--
Oct 23	All Below	0.1	1.1	0.0	--
Oct 24	All Below	0.3	0.7	0.0	--
Oct 26	All Below	0.0	0.9	0.0	--
Oct 27	All Below	0.0	1.6	0.3	--
Oct 28	All Below	0.6	3.0	0.1	--
Oct 29	All Below	0.0	1.8	0.1	--
Oct 30	All Below	0.5	2.6	0.5	--
Oct 31	All Below	0.5	0.8	0.0	--

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

2020 Water Intake PCB Data
(Corrective Action Level = 0.5 microgram per liter)

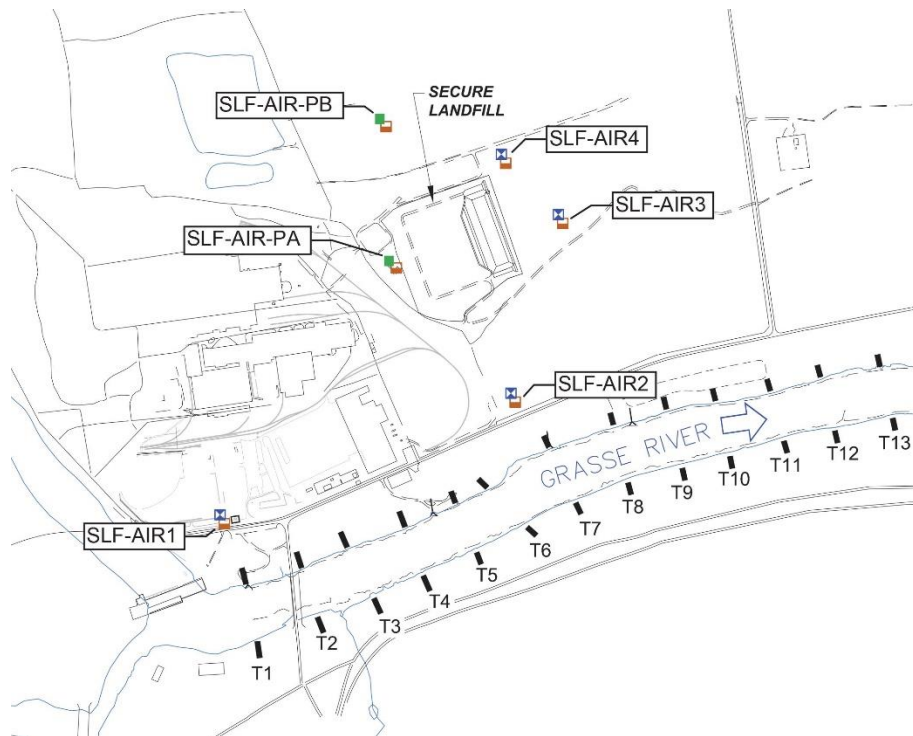
Date	Action Level Check	Monitoring Station ID (see figure)			Notes
		IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	
Oct 1	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Oct 2	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Oct 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	
Oct 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	
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 13	All Below	Below detectable levels	Below detectable levels	Below detectable levels	

Total PCBs (micrograms per liter)

November 2020

Air Monitoring - 2020 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.



2020 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	0.0181	0.0226	0.0203	0.0208	--	--	--
Nov 2	All Below	0.01	0.0173	0.017	0.014	--	--	--

		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 3	All Below	0.003	0.0065	0.0081	0.0062	0.01	0	--
Nov 4	All Below	0.0067	0.0101	0.0089	0.0065	0.011	0.0006	--
Nov 5	All Below	0.0145	0.0224	0.019	0.0175	0.0213	0.0129	--
Nov 6	All Below	0.012	0.0145	0.017	0.0165	0.0156	0.016	--
Nov 7	All Below	0.026	0.0405	0.0399	0.0365	0.043	0.026	--
Nov 8	All Below	0.0291	0.0417	0.042	0.0406	0.046	0.028	--
Nov 9	All Below	0.0341	0.0463	0.0571	0.0472	--	--	--
Nov 10	All Below	0.0429	0.0593	0.0565	0.046	0.0698	0.0291	--
Nov 11	All Below	0.0213	0.0313	0.0245	0.0255	0.029	0.0233	--
Nov 12	All Below	0.005	0.008	0.0091	0.0093	0.0088	0.0085	--
Nov 13	All Below	0.0191	0.0291	0.0297	0.0254	0.0369	0.0072	--
Nov 14	All Below	0.0131	0.0179	0.0261	0.0275	0.0269	0.0153	--
Nov 15	All Below	0.0191	0.0253	0.0258	0.0194	--	--	--
Nov 16	All Below	0.009	0.0393	0.0352	0.0347	--	--	--
Nov 17	All Below	0.004	0.0068	0.0066	0.0055	0.011	0.0015	--
Nov 18	All Below	0.0034	0.0065	0.0063	0.0055	0.0118	0.0025	--
Nov 19	All Below	0.0153	0.0195	0.0192	0.015	0.0264	0.0028	--
Nov 20	All Below	0.0103	0.011	0.0104	0.0098	0.0121	0.0071	--

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

2020 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	0	0	0.1235	0.0615	--	--	--
Nov 2	All Below	0.0328	0.0903	0.0496	0.0229	--	--	--
Nov 3	All Below	0.0557	0.0951	0.4931	0.0315	2.1546	0.4184	--
Nov 4	All Below	0.0253	0.0359	0	0.0193	0	0.4647	--
Nov 5	All Below	0.0353	0	0	0.0213	9.6835	0.3236	SLF-AIR-PA levels not related for field activities
Nov 6	All Below	0.0297	0	0	0.0001	0.8021	0.4647	--
Nov 7	All Below	0.0641	0	0	0	9.7814	0	SLF-AIR-PA levels not related for field activities
Nov 8	All Below	0.1445	0	0	0	0	0	--
Nov 9	All Below	0.2621	0	0	0.0203	4.3437	0	--
Nov 10	All Below	0.2621	0	0	0.0203	4.3437	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
Nov 11	All Below	0.6373	0	0	0.018	0	0	--
Nov 12	All Below	0.1779	0	0	0.0271	0.1966	0.1827	--
Nov 13	All Below	0.1888	0	0.0198	0.0348	3.7455	0.2726	--
Nov 14	All Below	0.1222	0	0.2322	0.0425	9.0003	0.1854	SLF-AIR-PA levels not related to field activities
Nov 15	All Below	--	0	0	0.0369	--	--	--
Nov 16	All Below	--	0	0	0.0305	--	--	--
Nov 17	All Below	0.0163	0	0	0.0157	0	0.2654	--
Nov 18	All Below	--	0.217	0.0145	0.0315	0.2651	0.6449	--
Nov 19	All Below	0	0.2198	0.0117	0.0303	0	0.6642	--
Nov 20	All Below	0	0.011	0	0.0177	1.1527	0.0077	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2020 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	0.000170	0.000150	0.000200	0.000250	--	--	--
Nov 2	All Below	0.000130	0.000220	0.000160	0.000120	--	--	--
Nov 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--	--	--
Nov 4	All Below	0.000040	0.000040	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Nov 5	All Below	0.000190	0.000170	0.000120	0.001660	Below detectable levels	Below detectable levels	--
Nov 6	All Below	0.000160	0.000580	0.000220	0.000300	--	--	--
Nov 7	All Below	0.000360	0.000710	0.000520	0.000500	--	--	--
Nov 8	All Below	0.000110	0.000640	0.000240	0.000580	--	--	--
Nov 9	All Below	0.000250	0.000450	0.000440	0.000550	--	--	--
Nov 10	All Below	0.001240	0.001270	0.000390	Below detectable levels	Below detectable levels	Below detectable levels	--
Nov 11	All Below	0.000180	0.000610	0.000220	0.002860	Below detectable levels	Below detectable levels	--
Nov 12	All Below	0.000180	0.000490	0.000210	0.001680	--	--	--
Nov 13	All Below	0.000090	0.000100	0.000060	0.000060	Below detectable levels	Below detectable levels	--

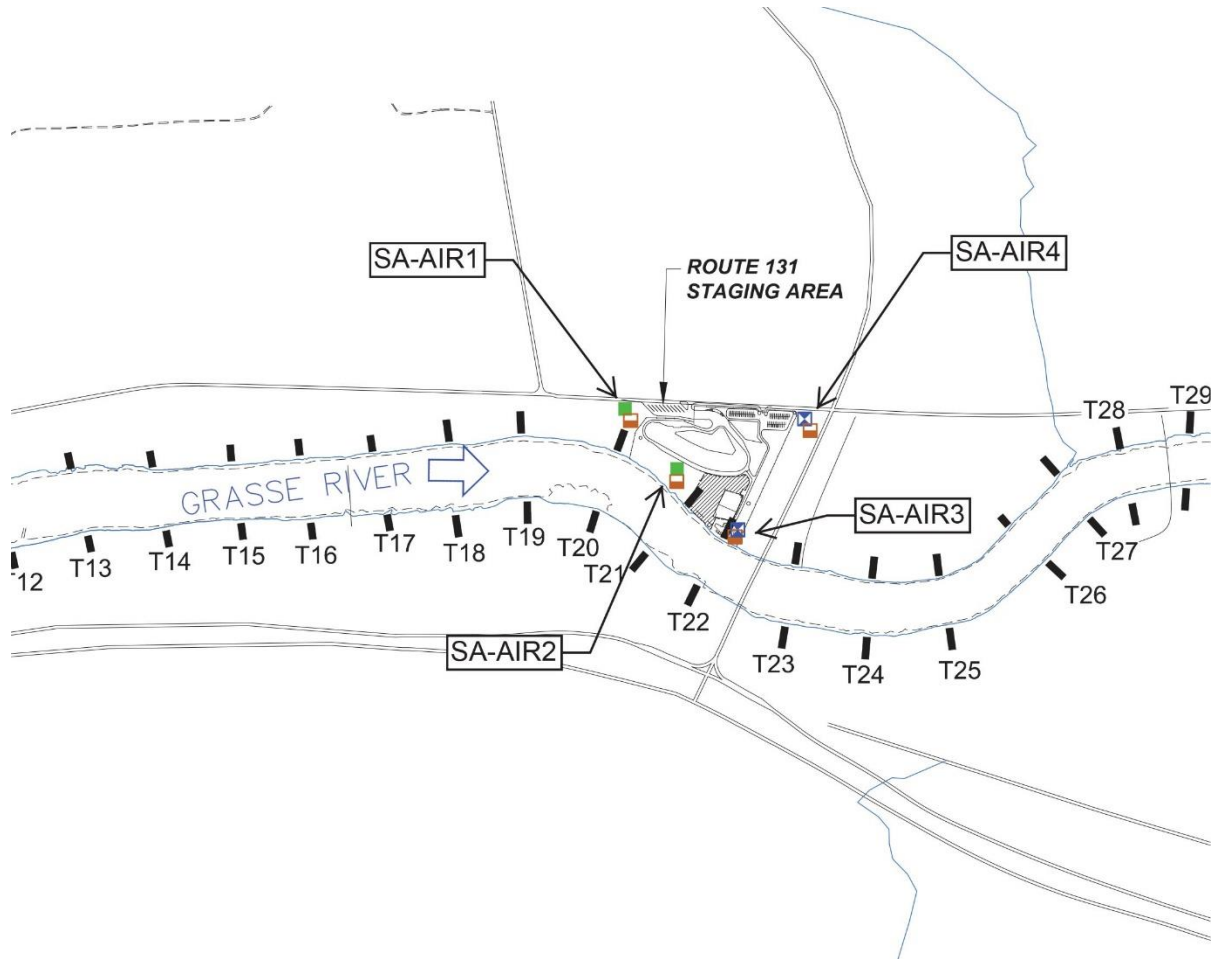
		Monitoring Station ID (see figure)						
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 14	All Below	0.000130	0.000190	0.000150	0.000130	Below detectable levels	Below detectable levels	--
Nov 15	All Below	0.000090	0.000090	Below detectable levels	0.000130	--	--	--
Nov 16	All Below	0.000130	0.000220	0.000150	0.000110	--	--	--
Nov 17	All Below	Below detectable levels	0.000280	0.000230	Below detectable levels	Below detectable levels	Below detectable levels	--
Nov 18	All Below	0.000090	0.000070	Below detectable levels	Below detectable levels	--	--	--
Nov 19	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2020 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.



2020 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	0.024	0.0304	0.0173	0.046	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 2	All Below	0.015	0.0209	0.0051	0.0279	--
Nov 3	All Below	0.006	0.009	0.005	0.0177	--
Nov 4	All Below	0.0092	0.0138	0.0041	0.0234	--
Nov 5	All Below	0.0194	0.0367	0.0055	0.0322	--
Nov 6	All Below	0.016	0.0182	0.008	0.0407	--
Nov 7	All Below	0.0363	0.0421	0.0115	0.0551	--
Nov 8	All Below	0.0425	0.0496	0.0157	0.0641	--
Nov 9	All Below	0.0483	0.0609	0.0145	0.0747	--
Nov 10	All Below	0.0515	0.0621	0.0162	0.0678	--
Nov 11	All Below	0.0383	0.054	0.0089	0.0544	--
Nov 12	All Below	0.0094	0.01	0.005	0.0162	--
Nov 13	All Below	0.0195	0.0218	0.01	0.0313	--
Nov 14	All Below	0.0229	0.0234	0.006	0.0299	--
Nov 15	All Below	0.0213	0.0306	0.012	0.0418	--
Nov 16	All Below	0.0129	0.0169	0.006	0.0246	--
Nov 17	All Below	0.0061	0.009	0.006	0.0247	--
Nov 18	All Below	0.0067	0.011	0.006	0.0186	--
Nov 19	All Below	0.006	0.0101	0.006	0.0176	--

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

2020 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	0.0546	0.2213	0.0801	0	--
Nov 2	All Below	0.0401	0	0.076	0	--
Nov 3	All Below	0.0399	0.0981	0.0825	0	--
Nov 4	All Below	0.0396	0.1032	0.0675	0	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 5	All Below	0.0379	0.0609	0.0561	0	--
Nov 6	All Below	0.0028	0.1103	0.0035	0	--
Nov 7	All Below	0.0055	0.0137	0.0083	0.6973	--
Nov 8	All Below	0.0129	0.0345	0.0563	0	--
Nov 9	All Below	0.0275	0.0742	0.0487	0.5293	--
Nov 10	All Below	0.0318	0.0565	0.0588	0.0737	--
Nov 11	All Below	0.0313	0	0.0316	0.5242	--
Nov 12	All Below	0.0303	0	0.0751	0.6156	--
Nov 13	All Below	0.0487	0.0715	0.0822	0	--
Nov 14	All Below	0.0505	0	0.0591	0	--
Nov 15	All Below	0.0537	0.0883	0.1072	0	--
Nov 16	All Below	0.0433	0	0.0926	0	--
Nov 17	All Below	0.0305	0.0007	0.0687	0	--
Nov 18	All Below	0.0447	0.0995	0.0997	0	--
Nov 19	All Below	0.0382	0.0699	0.0927	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2020 Air PCB Data - Staging Area
(Corrective Action Level = 0.100 micrograms 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	Below detectable levels	Below detectable levels	--
Nov 2	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--

		Monitoring Station ID (see figure)				
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 3	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Nov 4	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Nov 5	All Below	Below detectable levels	Below detectable levels	0.000130	0.000100	--
Nov 6	All Below	Below detectable levels	Below detectable levels	0.000470	0.000130	--
Nov 7	All Below	Below detectable levels	Below detectable levels	0.000940	0.000220	--
Nov 8	All Below	Below detectable levels	Below detectable levels	0.000210	0.000190	--
Nov 9	All Below	Below detectable levels	Below detectable levels	0.000280	0.000150	--

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

Dredge Corridor Monitoring Locations



■ Proposed Air Monitoring Station

Air Monitoring - 2020 Haverstock Road Support Area Preparation

Program includes particulate monitoring using real-time meters for particulates (or dust) and volatile organic compounds (VOCs). Corrective action levels have been established based on levels that are safe for the community for particulates and VOCs. 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.

Haverstock Monitoring Locations (click to enlarge)



2020 Air Particulate Data

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

Date	Action Level Check	Monitoring Station ID (see figure)			Notes
		HAV-AIR1	HAV-AIR2	HAV-AIR3	
Nov 18	All Below	0.0147	0.0118	0.0719	--
Nov 19	All Below	0.0242	0.0211	0.0273	--
Nov 20	All Below	0.014	0.013	0.046	--
Nov 21	All Below	0.0278	0.0297	0.031	--
Nov 24	All Below	0.0157	0.0133	0.0437	--

		Monitoring Station ID (see figure)			
Date	Action Level Check	HAV-AIR1	HAV-AIR2	HAV-AIR3	Notes
Nov 25	All Below	0.015	0.0179	0.0332	--
Nov 26	All Below	0.0531	0.0425	0.0869	--
Nov 28	All Below	0.0444	--	--	--
Dec 9	All Below	0.026	0.0446	0.044	--
Dec 10	All Below	0.046	0.0469	0.0701	--
Dec 11	All Below	0.0157	0.0083	0.0378	--
Dec 12	All Below	0.0585	0.0541	0.0576	--
Dec 15	All Below	0.0241	0.0182	0.0144	--
Dec 16	All Below	0.0296	0.0292	0.0208	--

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

2020 Air Volatile Organic Compound Data
(Corrective Action Level = 25 ppm above upwind location)

		Monitoring Station ID (see figure)			
Date	Action Level Check	HAV-AIR1	HAV-AIR2	HAV-AIR3	Notes
Nov 19	All Below	0	0	0	--
Nov 18	All Below	0	0	0	--
Nov 20	All Below	0	0	0	--
Nov 21	All Below	0	0	0	--
Nov 24	All Below	0	0	0	--
Nov 25	All Below	0	0	0	--
Nov 26	All Below	0	0	0	--
Nov 28	All Below	0	--	--	--
Dec 9	All Below	0	0	0	--
Dec 10	All Below	0	0	0	--
Dec 11	All Below	0	5.8062	0	HAV-AIR2 levels not related to

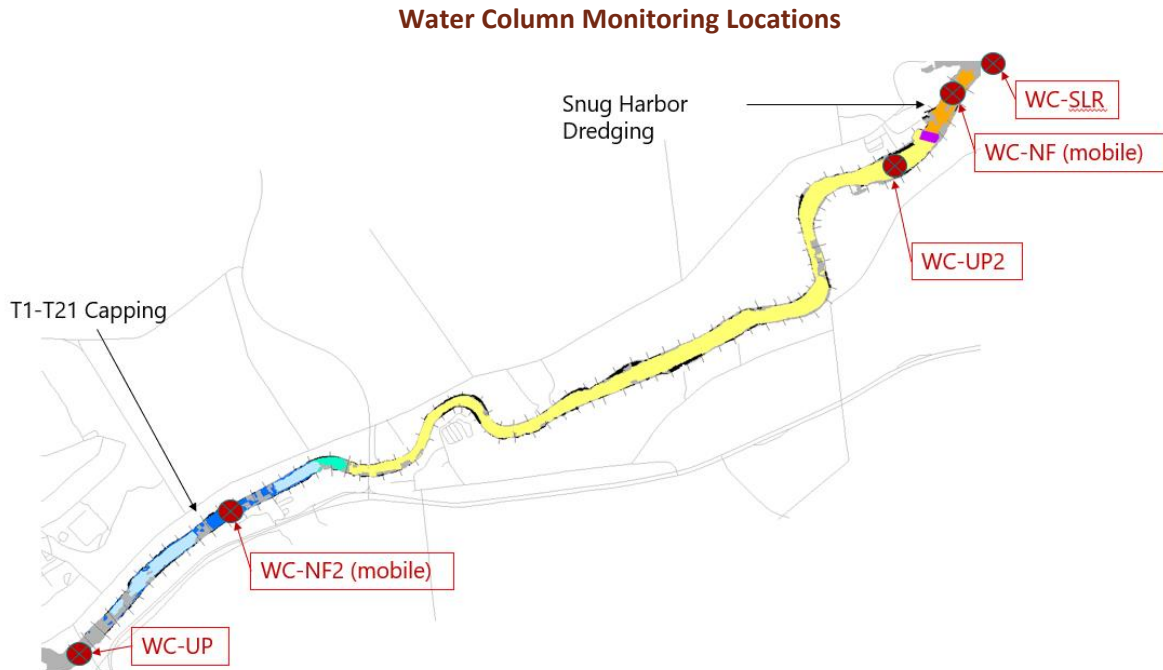
		Monitoring Station ID (see figure)			
Date	Action Level Check	HAV-AIR1	HAV-AIR2	HAV-AIR3	Notes
					field activities
Dec 12	All Below	0	7.0397	0	HAV-AIR2 levels not related to field activities
Dec 15	All Below	0	0.1628	0	--
Dec 16	All Below	0	0	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

Water Monitoring - 2020 River Remediation

Program includes turbidity monitoring using real-time meters for solids and PCB analytical testing at the water intake locations. Program also includes total suspended solids (TSS) and PCB analytical testing at the river 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.



2020 Water Column Total Suspended Solids Data (Corrective Action Level = 100 mg/L above WC-UP Level at WC-SLR)

Date	Action Level Check	Monitoring Station ID (see figure)					Notes
		WC-UP	WC-NF2	WC-NF	WC-MOUTH	WC-SLR	
Nov 2	All Below	Below detectable levels	Below detectable levels	--	43.2	Below detectable levels	--
Nov 3	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-NF2	WC-NF	WC-MOUTH	WC-SLR	Notes
Nov 4	All Below	Below detectable levels	Below detectable levels	--	4.8	Below detectable levels	--
Nov 5	All Below	Below detectable levels	Below detectable levels	--	10.8	Below detectable levels	--
Nov 6	All Below	Below detectable levels	8.0	--	10.0	Below detectable levels	--
Nov 7	All Below	Below detectable levels	8.8	--	10.8	Below detectable levels	--
Nov 9	All Below	Below detectable levels	Below detectable levels	--	5.2	Below detectable levels	--
Nov 10	All Below	Below detectable levels	Below detectable levels	--	Below detectable levels	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)

Water Intake Monitoring Locations



2020 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	1.1	1.3	0.0	--
Nov 3	All Below	0.9	1.1	0.0	--
Nov 4	All Below	0.3	2.2	0.4	--
Nov 5	All Below	0.3	1.9	0.1	--
Nov 6	All Below	0.6	0.8	0.2	--
Nov 7	All Below	0.3	0.8	0.0	--
Nov 9	All Below	0.2	0.8	0.1	--
Nov 10	All Below	0.2	0.9	0.2	--
Nov 11	All Below	0.4	1.1	0.1	--