

May 2017

2017 Particulate Data

Corrective Action Level = 0.150 milligrams per cubic meter above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
May 16	SLF-AIR3	0.0067	0.0046	0.4431	0.0063	SLF-AIR3 level due to meter shut down. Level not related to field activities.
May 17	All Below	0.0369	0.0353	0.0718	0.0757	--
May 18	SLF-AIR3	0.0440	0.0367	0.1751	0.0396	SLF-AIR3 level not related to field activities.
May 19	All Below	0.0089	0.0087	0.0283	0.0213	--
May 20	All Below	0.0080	0.0063	0.0086	0.0200	--
May 22	All Below	0.0199	0.0220	0.0310	0.0325	--
May 23	SLF-AIR3	0.0241	0.0180	0.1725	0.0163	SLF-AIR3 level due to meter maintenance. Level not related to field activities.
May 24	All Below	0.0280	0.0260	0.0825	0.0261	--
May 25	All Below	0.0255	0.0249	0.0717	0.0237	--
May 30	All Below	0.0199	0.0150	0.0170	0.0192	--
May 31	All Below	0.0191	NA	0.0133	0.0131	SLF-AIR2 level due to meter shut down.

NA = Data not collected

Particulates (milligrams per cubic meter)

2017 Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
May 16	All Below	0.1164	0.4265	0.273467	2.4351	--
May 17	All Below	0.1703	0.4171	0.1271	5.521	--
May 18	All Below	0.1572	0.4052	0.3000	10.454	--
May 19	All Below	0.0308	0.3077	0.4008	5.0854	--
May 20	All Below	0.0285	0.2521	0.2949	1.1023	--
May 22	All Below	0.0456	0.2387	0.472067	8.7141	--
May 23	All Below	0.1096	0.3331	0.1339	0.3744	Malfunctioning meter at SLF-AIR4 replaced.
May 24	All Below	0.1091	0.4419	0.3369	0.3068	--
May 25	All Below	0.0285	0.3185	0.1291	0.2302	--
May 30	All Below	0.1193	0.4205	0.1730	1.5949	--
May 31	All Below	0.0698	0.3455	0.1400	0.2284	--

Volatile Organic Compounds (VOCs parts per million)

2017 PCB Data
Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
May 16	All Below	0.00046	0.00076	0.00026	Below detectable levels	--
May 17	All Below	0.00035	0.0018	0.0015	0.0011	--
May 18	All Below	NA	NA	Below detectable levels	0.00077	--
May 19	All Below	NA	0.00012	NA	NA	--
May 20	All Below	0.00016	0.00016	0.00017	0.00013	--
May 21	All Below	0.00017	NA	NA	NA	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
May 22	All Below	0.000096	0.00032	0.0105	0.0162	--
May 23	All Below	0.000097	0.00033	0.00682	0.00489	--
May 24	All Below	0.000099	0.000099	0.00011	0.000098	--
May 25	All Below	0.00098	NA	NA	NA	--
May 26	All Below	0.00021	0.00019	0.00300	0.00130	--
May 30	All Below	Below detectable levels	0.00037	0.00530	0.00940	--
May 31	All Below	NA	NA	0.00940	0.00551	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

June 2017

2017 Particulate Data

Corrective Action Level = 0.150 milligrams per cubic meter above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
June 1	SLF-AIR3	0.0075	0.0110	0.2123	0.0065	SLF-AIR3 level due to meter error. Level not related to field activities.
June 2	All Below	0.0135	0.0120	0.0054	0.0033	--
June 5	All Below	0.0108	0.0315	0.0120	0.0050	--
June 6	All Below	0.0151	0.0197	0.0243	0.0087	--
June 7	All Below	0.0220	0.0155	0.0084	0.0130	--
June 8	All Below	0.0267	0.0183	0.0265	0.0231	--
June 9	All Below	0.0243	0.0224	0.0229	0.0181	--
June 12	All Below	0.0505	0.0428	0.0517	0.0459	--
June 13	All Below	0.0531	0.0423	0.0568	0.0505	SLF-AIR1 level due to meter shut down.
June 14	All Below	0.0268	0.0298	0.0241	0.0157	--
June 15	All Below	0.0097	0.0085	0.0073	0.0045	--
June 19	All Below	0.0304	0.0283	0.0280	0.0220	--
June 20	All Below	0.0163	0.0112	0.0219	0.0141	--
June 21	All Below	0.0138	0.0153	0.0133	0.0119	--
June 22	All Below	0.0117	0.0079	0.0203	0.0101	--
June 26	All Below	0.0170	0.0170	0.0200	0.0110	--
June 27	All Below	0.0112	0.0115	0.0131	0.0077	--
June 28	All Below	0.0407	0.0081	0.0250	0.0329	--
June 29	All Below	0.0316	0.0225	0.0265	0.0237	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2017 Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
June 1	All Below	0.0795	0.2541	0.0629	0.3029	--
June 2	All Below	0.0722	0.2223	0.0591	0.2627	--
June 5	All Below	0.0393	0.1160	0.0443	0.2730	--
June 6	All Below	0.1424	0.1115	0.1325	0.3164	--
June 7	All Below	0.1179	0.2065	0.1339	0.4099	--
June 8	All Below	0.0371	0.3501	0.0975	0.1911	--
June 9	All Below	0.0025	0.2315	0.0365	0.1741	--
June 12	All Below	0.0484	0.2769	0.0200	0.1537	--
June 13	All Below	0.0437	0.3413	0.0760	0.2111	--
June 14	All Below	0.0507	0.2371	0.1072	0.2397	--
June 15	All Below	0.0515	0.1647	0.0221	0.2209	--
June 19	All Below	0.0001	0.2436	0.0301	0.2260	--
June 20	All Below	0.0051	0.2179	0.0278	0.1617	--
June 21	All Below	0.0162	0.2577	0.0333	0.2304	--
June 22	All Below	0.0180	0.2627	0.0027	0.1820	--
June 26	All Below	0.0062	0.2774	0.0688	0.5040	--
June 27	All Below	0.0065	0.2448	0.1051	0.2450	--
June 28	All Below	0.0391	0.2065	0.0211	0.1770	--
June 29	All Below	0.0000	0.0230	0.0025	0.1553	--

Volatile Organic Compounds (VOCs parts per million)

2017 PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
June 1	All Below	NA	NA	0.00463	NA	--
June 2	All Below	NA	0.00031	Below detectable levels	NA	--
June 5	All Below	0.00021	NA	NA	NA	--
June 6	All Below	0.00012	0.00019	0.00270	0.00176	--
June 7	All Below	NA	NA	0.01600	0.00206	--
June 8	All Below	0.00032	0.00043	0.00650	0.00677	--
June 9	All Below	NA	NA	0.01300	NA	--
June 12	All Below	NA	NA	0.01600	0.00084	--
June 13	All Below	0.00031	0.00677	Below detectable levels	Below detectable levels	--
June 14	All Below	0.00036	0.00180	Below detectable levels	0.00098	--
June 15	All Below	0.00024	NA	NA	NA	--
June 19	All Below	NA	NA	0.023900	0.013100	--
June 20	All Below	NA	NA	0.025800	0.002670	--
June 21	All Below	NA	NA	0.052250	0.022500	--
June 26	All Below	0.000150	0.000460	0.000570	0.006900	--
June 27	All Below	NA	NA	0.006700	0.001820	--
June 28	All Below	NA	NA	0.010100	0.005200	--
June 29	All Below	Below detectable levels	0.000650	0.005700	0.007700	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

July 2017

2017 Particulate Data

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

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
July 3	All Below	0.0257	0.0080	0.0097	0.0107	--
July 5	All Below	0.0375	0.0240	0.0316	0.0331	--
July 6	All Below	0.0523	0.0263	0.0758	0.0454	--
July 7	All Below	0.0425	0.0191	0.0379	0.0347	--
July 11	All Below	0.053	0.03	0.031	0.035	--
July 12	All Below	0.0429	0.1066	0.0372	0.0361	--
July 13	All Below	0.0148	0.0065	0.0152	0.0168	--
July 14	All Below	0.0157	0.0228	0.006	0.021	--
July 17	All Below	0.0713	0.0528	0.0946	0.0689	--
July 18	All Below	0.0583	0.0331	0.047	0.046	--
July 19	All Below	0.0553	0.0229	0.0525	0.0493	--
July 20	All Below	0.0519	0.0291	0.0415	0.0458	--
July 21	All Below	0.0647	0.0345	0.0705	0.0591	--
July 22	All Below	0.0677	0.0351	0.0515	0.0573	--
July 23	All Below	0.0119	0.0057	0.0063	0.007	--
July 24	All Below	0.0184	0.0084	0.013	0.013	--
July 25	All Below	0.0366	0.0123	0.0506	0.0231	--
July 26	All Below	0.0270	0.0186	0.0169	0.0146	--
July 27	All Below	0.0469	0.0292	0.0401	0.0370	--
July 28	All Below	0.0365	0.0195	0.0279	0.0207	--
July 29	SLF-AIR2	0.0444	0.5861	0.0292	0.0201	SLF-AIR2 level not related to field activities.
July 30	All Below	0.0293	0.0233	0.0266	0.0247	--
July 31	All Below	0.0559	0.0306	0.1162	0.0562	--

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

2017 Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
July 3	All Below	0	0.2073	0.1330	0.4240	--
July 5	All Below	0.0283	0.3495	0.0308	8.2450	SLF-AIR4 level due to meter start up. Level not related to field activities.
July 6	All Below	0.0097	0.2063	0.0076	0.1491	--
July 7	All Below	0	0.2728	0.0005	0.0868	--
July 11	All Below	0.0022	0.2669	0.0415	11.037	SLF-AIR4 level due to high moisture levels. Level not related to field activities.
July 12	All Below	0	0.5765	0.01	9.7992	SLF-AIR4 level due to high moisture levels. Level not related to field activities.
July 13	All Below	0	0.2301	0.0071	0	--
July 14	All Below	0	0.1708	0	2.0297	--
July 17	All Below	0	0.262	0.0139	265.69	SLF-AIR4 level attributed to meter malfunction.
July 18	All Below	0	0.2301	0.0135	0.0238	--
July 19	All Below	0.0005	0.1886	0.0209	0.0283	--
July 20	All Below	0	0.2035	0.0023	0.0524	--
July 21	All Below	0	0.1719	0.0464	0.0665	--
July 22	All Below	0	0.1485	0.0371	0.0633	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
July 23	All Below	0	0.0847	0	0.0649	--
July 24	All Below	0	0	0.0097	0.1335	--
July 25	All Below	0	0.0859	0.0407	0.1339	--
July 26	All Below	0	0.0793	0.0377	0.1225	--
July 27	All Below	0	0.2198	0.0041	0.0617	--
July 28	All Below	0	0.2198	0.0041	0.0617	--
July 29	All Below	0.0140	0.1236	0.0523	0.0867	--
July 30	All Below	0.0020	0.1227	0.0309	0.0531	--
July 31	All Below	0	0.1263	0.0248	0.0068	--

Volatile Organic Compounds (VOCs parts per million)

2017 PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
July 3	All Below	NA	0.001000	Below detectable levels	NA	--
July 5	All Below	0.000330	0.000370	Below detectable levels	0.003000	--
July 7	All Below	NA	NA	0.005200	0.002150	--
July 11	All Below	0.000300	0.001200	0.002000	0.000700	--
July 12	All Below	0.000260	NA	NA	NA	--
July 13	All Below	0.000210	NA	NA	NA	--
July 14	All Below	0.000230	0.000540	0.000400	0.000250	--
July 17	All Below	0.000250	0.000410	0.000580	0.000640	--
July 18	All Below	0.000099	0.001400	0.001900	0.003800	--
July 19	All Below	0.000260	0.001300	0.002000	0.001500	--
July 20	All Below	0.000160	0.001600	0.001500	0.000880	--
July 21	All Below	0.000590	0.000990	0.001300	0.003900	--

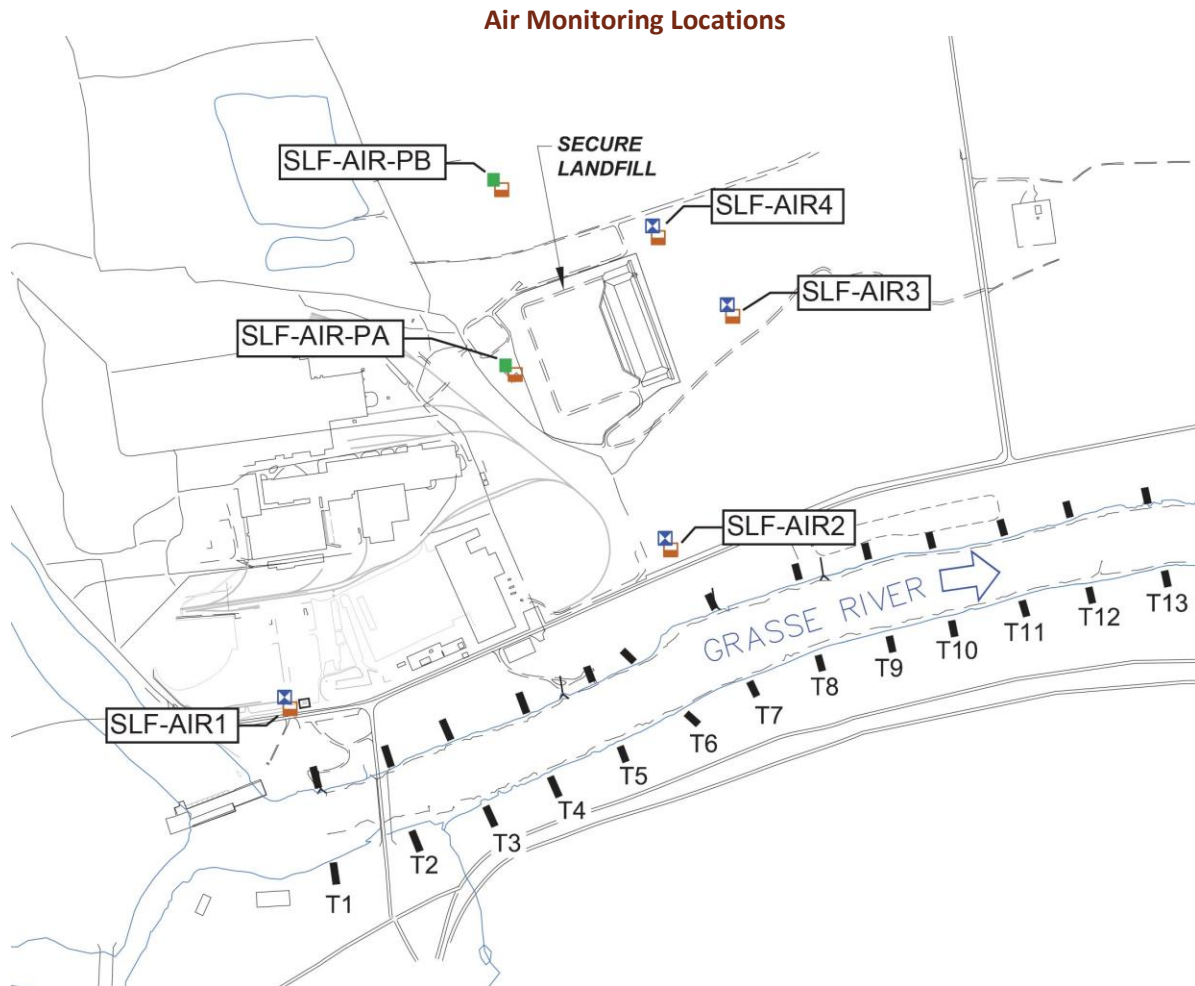
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	Notes
July 22	All Below	0.000290	0.000450	Below detectable levels	0.000290	--
July 23	All Below	0.000230	0.000310	Below detectable levels	0.000170	--
July 24	All Below	0.000220	0.000092	0.000240	0.000160	--
July 25	All Below	0.000180	0.000270	0.000220	0.000230	--
July 26	All Below	0.000150	0.001200	0.001000	0.000650	--
July 27	All Below	0.000640	0.000770	0.000530	0.000200	--
July 28	All Below	0.000280	0.000400	0.000220	0.000240	--
July 29	All Below	0.000280	0.000330	Below detectable levels	0.000140	--
July 30	All Below	0.000230	0.000910	Below detectable levels	0.000570	--
July 31	All Below	0.000480	0.000820	0.001100	0.000640	--

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

August 2017

Air Monitoring - 2017 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.



2017 Air Particulate Data

Corrective Action Level = 0.150 milligrams per cubic meter above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 1	All Below	0.0438	0.0275	0.0439	0.0355	NA	NA	--
August 2	All Below	0.0585	0.0296	0.0789	0.0465	NA	NA	--
August 3	All Below	0.0586	0.0323	0.0467	0.0469	NA	NA	--
August 4	All Below	0.0499	0.0294	0.0421	0.0397	NA	NA	--
August 5	All Below	0.0120	0.0080	0.0083	0.0080	NA	NA	--
August 6	All Below	0.0249	0.0171	0.0476	0.0275	NA	NA	--
August 7	All Below	0.0348	0.0193	0.1473	0.0604	NA	NA	--
August 8	All Below	0.0439	0.0267	0.0341	0.0286	NA	NA	--
August 9	All Below	0.0463	0.0260	0.0660	0.0439	NA	NA	--
August 10	All Below	0.0572	0.0415	0.0689	0.0533	NA	NA	--
August 11	All Below	0.0633	0.0444	0.0521	0.0503	NA	NA	--
August 12	All Below	0.0249	0.0261	0.0375	0.0337	NA	NA	--
August 13	All Below	0.0135	0.0201	0.0176	0.0156	NA	NA	--
August 14	All Below	0.0185	0.0211	0.0297	0.0280	NA	NA	--
August 15	All Below	0.0542	0.038	0.0779	0.0742	NA	0.0875	--
August 16	All Below	0.0128	0.0149	0.0219	0.0147	NA	NA	--
August 17	All Below	0.0233	0.0211	0.0262	0.0245	NA	NA	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 18	All Below	0.0288	0.0264	0.0373	0.0338	NA	NA	--
August 19	All Below	0.0173	0.0176	0.0224	0.0275	NA	NA	--
August 20	All Below	0.0365	0.0439	0.054	0.0514	NA	NA	--
August 21	All Below	0.0416	0.0441	0.0661	0.0632	NA	NA	--
August 22	All Below	0.0453	0.0495	0.0645	0.0617	NA	NA	--
August 23	All Below	0.0151	0.0141	0.0265	0.0143	NA	NA	--
August 24	All Below	0.0151	0.0158	0.0246	0.0179	NA	NA	--
August 25	All Below	0.0162	0.0203	0.0232	0.0181	NA	NA	--
August 26	All Below	0.0197	0.0189	0.0317	0.0334	NA	NA	--
August 27	All Below	0.0294	0.0279	0.053	0.0355	0.0219	NA	--
August 28	All Below	0.0314	0.0294	0.0489	0.0348	NA	0.0358	--
August 29	All Below	0.0279	0.0267	0.0315	0.0274	NA	NA	--
August 30	All Below	0.0348	0.0372	0.0411	0.0360	NA	NA	--
August 31	All Below	0.0318	0.0330	0.0371	0.0327	NA	NA	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2017 Air Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 1	All Below	0.0033	0.1313	0.0271	0.0087	NA	NA	--
August 2	All Below	0.0022	0.1192	0.0271	0	NA	NA	--
August 3	All Below	0	0.1316	0.0292	0	NA	NA	--
August 4	All Below	0	0.1119	0.0141	0	NA	NA	--
August 5	All Below	0	0.0754	0	0	NA	NA	--
August 6	All Below	0.0165	0.0096	0.0455	0.0151	NA	NA	--
August 7	All Below	0.0177	0.0133	0.0545	0.0046	NA	NA	--
August 8	All Below	0.0009	0.0781	0.0546	0	NA	NA	--
August 9	All Below	0	0.0460	0.0365	0	NA	NA	--
August 10	All Below	0	0.0881	0.0364	0	NA	NA	--
August 11	All Below	0	0.1044	0.0263	0	NA	NA	--
August 12	All Below	0	0.0916	0.0223	0.2073	NA	NA	--
August 13	All Below	0	0.0851	0	0	NA	NA	--
August 14	All Below	0	0.0584	0.0102	0	NA	NA	--
August 15	All Below	0.0027	0.0936	0.0212	0	NA	0	--
August 16	All Below	0.0303	0.0527	0.0340	0	NA	NA	--
August 17	All Below	0.0265	0.0502	0.0265	0	NA	NA	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 18	All Below	0	0.1213	0.0202	0	NA	NA	--
August 19	All Below	0	0.0942	0.0046	0	NA	NA	--
August 20	All Below	0	0.0727	0.0057	0	NA	NA	--
August 21	All Below	0.0094	0.0640	0.0247	0	NA	NA	--
August 22	All Below	0	0.0519	0.0283	0	NA	NA	--
August 23	All Below	0.0665	0.0377	0.0464	0	NA	NA	--
August 24	All Below	0.1886	0.0189	0.0802	0	NA	NA	--
August 25	All Below	0.1589	0.0022	0.1520	0	NA	NA	--
August 26	All Below	0.1588	0.0141	0.0808	0	NA	NA	--
August 27	All Below	0.1827	0.0311	0.0759	0	0.4520	NA	--
August 28	All Below	0.1831	0.0300	0.0857	0	NA	0	--
August 29	All Below	0.1911	0.0437	0.0512	0	NA	NA	--
August 30	All Below	0.1946	0.0423	0.0595	0	NA	NA	--
August 31	All Below	0.1641	0	0.0547	0	NA	NA	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2017 Air PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 1	All Below	0.000490	0.000420	0.000470	0.000460	NA	NA	--
August 2	All Below	0.000290	0.000920	0.000650	0.000540	NA	NA	--
August 3	All Below	0.000460	0.000430	0.000470	0.000250	NA	NA	--
August 4	All Below	0.000180	0.000940	0.000480	0.000890	NA	NA	--
August 6	All Below	0.000110	0.001100	0.001100	0.000580	NA	NA	--
August 7	All Below	0.000310	0.000630	0.000300	0.000300	NA	NA	--
August 8	All Below	0.000260	0.000860	0.006000	0.001650	NA	NA	--
August 9	All Below	0.000460	0.000550	0.000520	0.000380	NA	NA	--
August 10	All Below	0.000290	0.000410	0.000660	0.000290	NA	NA	--
August 11	All Below	0.000250	0.000720	0.000550	0.000940	NA	NA	--
August 12	All Below	0.000210	0.001100	0.001600	0.000540	NA	NA	--
August 13	All Below	0.000210	0.000990	0.001200	0.000610	NA	NA	--
August 14	All Below	0.000360	0.000820	0.000690	0.000420	NA	NA	--
August 15	All Below	0.000410	0.000800	0.000580	0.000500	NA	Below detectable levels	--
August 16	All Below	Below detectable levels	0.000460	0.000370	0.000110	NA	NA	--
August 17	All Below	0.000320	0.000530	0.000330	0.000310	NA	NA	--

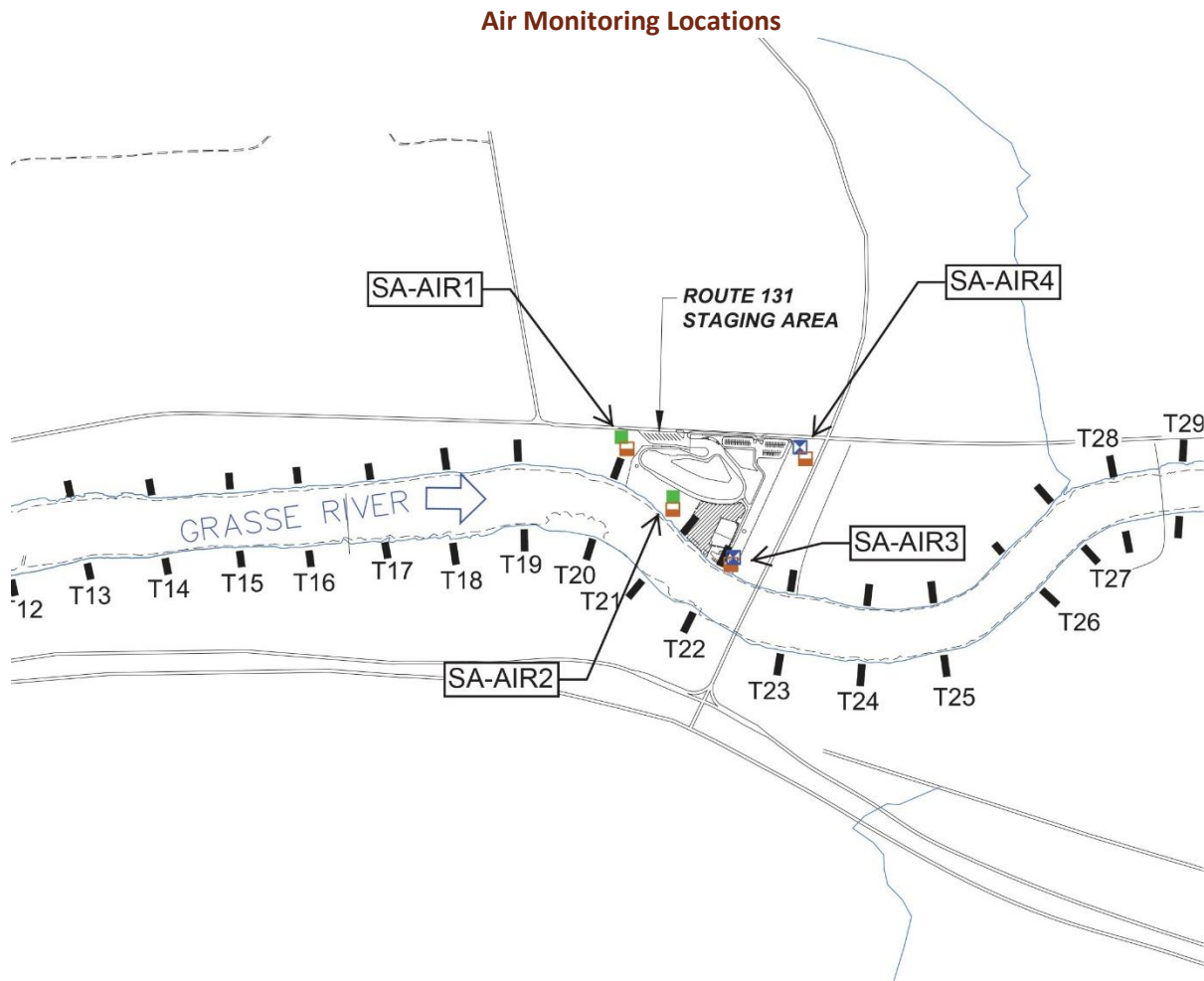
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
August 18	All Below	0.000190	0.000800	0.000960	0.002100	NA	NA	--
August 19	All Below	0.000100	Below detectable levels	0.002600	0.001220	NA	NA	--
August 20	All Below	0.000092	0.001200	0.003230	0.001910	NA	NA	--
August 21	All Below	Below detectable levels	0.001880	0.001600	0.001100	NA	NA	--
August 22	All Below	Below detectable levels	0.003200	0.000750	0.001000	NA	NA	--
August 23	All Below	0.000075	0.000860	0.000880	0.000400	NA	NA	--
August 24	All Below	0.000300	0.000540	0.000230	0.000270	NA	NA	--
August 25	All Below	0.000220	0.000630	0.000260	0.000240	NA	NA	--
August 26	All Below	0.000170	0.000510	0.000180	0.000330	NA	NA	--
August 27	All Below	0.000160	0.000340	0.000110	0.000200	NA	NA	--
August 28	All Below	0.000140	0.000380	0.000091	0.000210	NA	Below detectable levels	--
August 29	All Below	0.000190	0.000480	0.000240	0.000360	NA	NA	--
August 30	All Below	0.000310	0.001300	0.000510	0.000300	NA	NA	--
August 31	All Below	0.000360	0.000230	0.000073	0.000074	NA	NA	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring – 2017 Route 131 Staging Area Construction

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.



2017 Air Particulate Data

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

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 24	All Below	NA	0.0110	0.0110	NA	--
July 25	All Below	0.0195	0.0342	0.0311	NA	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 26	All Below	0.0113	0.0138	0.0179	NA	--
July 27	All Below	0.0399	0.0370	0.0410	0.0231	--
July 28	All Below	0.0174	0.0330	0.0230	0.0211	--
July 29	All Below	0.0475	0.0521	0.0120	0.0362	--
July 31	All Below	0.0886	0.0531	0.0910	0.0566	--
August 1	All Below	0.0338	0.0496	0.0460	0.0462	--
August 2	All Below	0.1332	0.0566	0.1820	0.0541	--
August 3	All Below	0.0463	0.0530	0.0497	0.0739	--
August 4	All Below	0.0415	0.0439	0.0409	0.0298	--
August 5	All Below	0.0109	0.0159	0.0078	0.0138	--
August 7	All Below	0.0294	0.0390	0.1321	0.0300	--
August 8	All Below	0.0340	0.0467	0.0389	0.0453	--
August 9	All Below	0.0321	0.0502	0.039	0.0323	--
August 10	All Below	0.1159	0.0651	0.0609	0.0523	--
August 11	All Below	0.0483	0.0564	0.0479	0.0461	--
August 14	SA-AIR1	0.2497	0.038	0.037	0.025	Dust suppression activities performed on roadways.
August 15	All Below	0.0276	0.0865	0.0631	0.0615	--
August 16	All Below	0.0151	0.026	0.0181	0.0142	--
August 17	All Below	0.0271	0.0453	0.045	0.0237	--
August 21	All Below	0.0633	0.0753	0.0717	0.0597	--
August 22	All Below	0.0539	0.0730	0.0676	0.0595	--
August 23	All Below	0.0203	0.0236	0.0519	0.0104	--
August 24	All Below	0.0294	0.0275	0.0140	0.0114	--
August 28	All Below	0.0785	0.0750	0.0829	0.0391	--
August 29	All Below	0.0364	0.0477	0.0415	0.0256	--
August 30	All Below	0.0381	0.0477	0.0651	0.0532	--
August 31	All Below	0.0357	0.0454	0.0309	0.0267	--

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

2017 Air Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 24	All Below	0	NA	NA	NA	--
July 25	All Below	0.4729	NA	0	NA	--
July 26	All Below	0.3715	0	1.4610	NA	--
July 27	All Below	0.2805	0	0.2303	0	--
July 28	All Below	0	0	0	0.0431	--
July 29	All Below	0	0	0	0.0166	--
July 31	All Below	6.443	0	0	0.0755	--
August 1	All Below	0	0	0	0.2162	--
August 2	All Below	0	0	0.0001	0.0751	--
August 3	All Below	0	0	0	0.0825	--
August 4	All Below	0	0	0	0.0617	--
August 5	All Below	0	0	0	1.1221	--
August 7	All Below	0	0	0.0069	4.7075	--
August 8	All Below	0	0	0.0010	1.0276	--
August 9	All Below	0	0	0	0.0845	--
August 10	All Below	0	0	0	1.3682	--
August 11	All Below	0	0	0	0.6324	--
August 14	All Below	0	0	0.1918	0.777	--
August 15	All Below	0	0	0.1127	0.4665	--
August 16	All Below	0	0	0.1885	0.1365	--
August 17	All Below	0	0	0.312	0.3779	--
August 21	All Below	0	0	0.4175	0	--
August 21	All Below	0	0.0450	0.6348	0	--
August 22	All Below	0	0.0450	0.6348	0	--
August 23	All Below	0	0	1.3167	0	--
August 24	All Below	0	0	1.9391	0	--
August 28	All Below	0	0	2.0958	0	--
August 29	All Below	0	0	2.5613	0	--
August 30	All Below	0	NA	3.0758	0	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 31	All Below	0	NA	0.7412	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2017 Air PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
July 25	All Below	Below detectable levels	0.001200	0.001650	0.000470	--
July 26	All Below	Below detectable levels	0.006000	0.000500	0.000740	--
July 27	All Below	0.003500	Below detectable levels	0.000740	0.000390	--
July 28	All Below	Below detectable levels	Below detectable levels	0.000380	0.000320	--
July 29	All Below	Below detectable levels	Below detectable levels	0.001280	0.000290	--
July 31	All Below	Below detectable levels	0.003300	0.001200	0.000610	--
August 1	All Below	Below detectable levels	0.002500	0.000590	0.000400	--
August 2	All Below	Below detectable levels	0.004000	0.000700	0.000470	--
August 3	All Below	0.004500	0.002700	0.001200	0.000220	--
August 4	All Below	0.009200	Below detectable levels	0.000540	0.000270	--

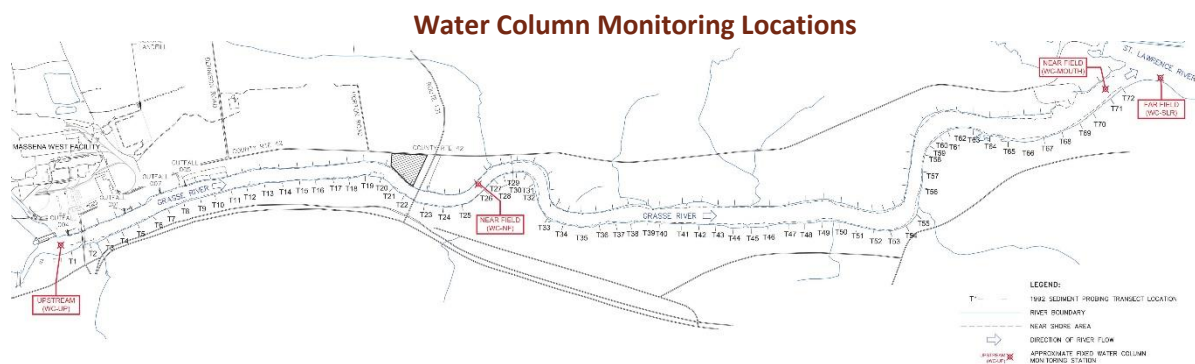
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 5	All Below	Below detectable levels	0.009100	0.000440	0.000490	--
August 7	All Below	0.001700	Below detectable levels	0.000400	0.000220	--
August 8	All Below	0.006400	Below detectable levels	0.000940	0.000450	--
August 9	All Below	Below detectable levels	0.002600	0.000980	0.000310	--
August 10	All Below	0.002500	Below detectable levels	0.001200	0.000480	--
August 11	All Below	0.008300	Below detectable levels	0.001400	0.000430	--
August 14	All Below	0.003900	Below detectable levels	0.001300	0.000380	--
August 15	All Below	0.004900	0.000880	0.001200	0.000360	--
August 16	All Below	Below detectable levels	0.001300	0.001000	0.000290	--
August 17	All Below	0.001800	Below detectable levels	NA	0.000340	--
August 21	All Below	Below detectable levels	0.005300	0.000860	0.000780	--
August 22	All Below	Below detectable levels	Below detectable levels	0.001200	0.000460	--
August 23	All Below	Below detectable levels	0.002900	0.000920	0.000240	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
August 28	All Below	0.001200	Below detectable levels	0.000680	0.000210	--
August 29	All Below	Below detectable levels	Below detectable levels	0.000640	0.000200	--
August 30	All Below	0.002500	Below detectable levels	0.000690	0.000460	--
August 31	All Below	Below detectable levels	Below detectable levels	0.000290	0.000110	--

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

Water Monitoring – 2017 Route 131 Staging Area Construction

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



2017 Water Column Turbidity Data
Corrective Action Level = 100 NTU above WC-UP Level

Date	Action Level Check	WC-UP (0.5x)	WC-NF (0.2x)	WC-NF (0.8x)	WC-MOUTH (0.2x)	WC-MOUTH (0.8x)	WC-SLR (0.5x)	Notes
July 24	All Below	0.3	1.0	1.0	0.9	1.0	0.8	--
July 25	All Below	19.8	12.7	20.9	3.3	3.9	2.2	--
July 26	All Below	11.7	15.1	15.4	10.3	11.5	9.6	--
July 27	All Below	6.0	3.5	5.2	2.4	2.9	1.0	--
July 31	All Below	2.4	0.7	1.5	0.3	0.8	0.2	--
August 1	All Below	1.8	0.5	0.8	0.3	4.6	3.6	--
August 2	All Below	1.9	0.4	0.3	0.3	0.7	3.9	--
August 3	All Below	2.0	0.4	0.7	0.1	6.4	0.9	--
August 4	All Below	1.7	0.6	0.1	0.2	0.6	0.3	--
August 5	All Below	2.9	0.2	0.6	0.5	0.7	0.3	--
August 7	All Below	3.2	0.2	0.6	0.8	0.6	5.8	--
August 8	All Below	2.0	0.7	0.9	0.1	1.2	3.0	--
August 9	All Below	2.2	0.2	0.1	0.1	1.4	5.5	--
August 10	All Below	2.1	0.5	0.8	0.0	2.1	1.6	--
August 11	All Below	1.8	0.2	0.4	0.2	0.7	0.8	--
August 14 Morning	All Below	2.1	0.9	0.2	1.0	1.2	3.3	--
August 14 Night	All Below	1.7	0.9	0.2	0.7	0.9	0.7	--

Date	Action Level Check	WC-UP (0.5x)	WC-NF (0.2x)	WC-NF (0.8x)	WC-MOUTH (0.2x)	WC-MOUTH (0.8x)	WC-SLR (0.5x)	Notes
August 15 Morning	All Below	2.6	0.6	0.0	0.4	0.3	0.1	--
August 15 Night	All Below	2.0	0.3	0.2	0.0	0.4	1.9	--
August 16 Morning	All Below	1.9	0.4	0.3	0.0	0.2	0.9	--
August 16 Night	All Below	2.3	0.3	0.2	0.3	0.5	0.8	--
August 17 Morning	All Below	2.0	0.4	0.5	0.3	0.7	0.3	--
August 17 Night	All Below	2.6	0.2	1.0	1.1	0.5	0.3	--
August 21 Morning	All Below	1.5	0.3	0.0	0.8	0.1	0.1	--
August 21 Night	All Below	1.6	0.2	0.1	0.3	0.3	0.4	--
August 22 Morning	All Below	1.7	0.3	0.1	0.7	0.6	1.4	--
August 22 Night	All Below	1.8	0.2	0.2	0.2	0.0	1.7	--
August 23 Morning	All Below	1.6	0.8	0.4	0.3	0.6	0.6	--
August 23 Night	All Below	1.7	0.6	0.7	0.5	0.1	1.6	--
August 24 Morning	All Below	1.7	0	0.2	0.2	0.2	0.5	--
August 24 Night	All Below	1.7	0.1	0.1	0.3	0	0.1	--
August 28 Morning	All Below	1.5	0.9	0.5	0.1	0.6	0.2	--
August 28 Night	All Below	1.5	0.9	0.2	0.2	0.5	0.4	--
August 29 Morning	All Below	1.7	0.4	0.0	0.0	0.4	0.3	--
August 29 Night	All Below	1.6	0.1	0.2	0.1	0.6	0.1	--

Date	Action Level Check	WC-UP (0.5x)	WC-NF (0.2x)	WC-NF (0.8x)	WC-MOUTH (0.2x)	WC-MOUTH (0.8x)	WC-SLR (0.5x)	Notes
August 30 Morning	All Below	1.6	0.2	0.1	0.1	0.4	0.4	--
August 30 Night	All Below	2.6	0.6	0.5	0.2	0.5	0.7	--
August 31 Morning	All Below	1.6	0.3	0.0	0.1	0.8	1.8	--
August 31 Night	All Below	1.4	0.1	0.7	0.1	1.4	0.1	--

Turbidity (nephelometric turbidity unit; NTU)

2017 Water Column PCB Data
Corrective Action Level = 0.5 microgram per liter

Date	Action Level Check	WC-NF	WC-MOUTH	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 26	All Below	Below detectable levels	0.054	Below detectable levels	--
July 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
July 31	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 1	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 2	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
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 7	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 8	All Below	0.171	Below detectable levels	Below detectable levels	--
August 9	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 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 11 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 14 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 14 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 15 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 15 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
August 16 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 16 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 17 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 17 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 21 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 21 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 22 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 22 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 23 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 23 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 24 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 24 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 28 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
August 28 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 29 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 29 Night	All Below	Below detectable levels	0.133	Below detectable levels	--
August 30 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 30 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 31 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 31 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Total PCBs (micrograms per liter)

Water Intake Monitoring Locations



2017 Water Intake Turbidity Data
Corrective Action Level = 100 NTU above Baseline Level

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 7	All Below	0.7	1.7	0.2	Baseline monitoring event
July 24	All Below	1.3	1.1	0.4	--
July 25	All Below	0.5	2.3	0.1	--
July 26	All Below	0.8	2.6	0.1	--
July 27	All Below	0.6	1.9	0.2	--
July 31	All Below	0.6	1.4	0.2	--
August 1	All Below	0.6	0.9	0.1	--
August 2	All Below	0.6	1.2	0.2	--
August 3	All Below	0.7	0.9	0.2	--
August 4	All Below	1.0	2.1	0.4	--
August 5	All Below	0.5	1.1	0.2	--
August 7	All Below	0.5	1.0	0.3	--
August 8	All Below	0.7	1.3	0.2	--
August 9	All Below	0.8	0.8	0.4	--
August 10	All Below	1.3	1.1	0.2	--
August 11	All Below	0.8	1.0	0.2	--
August 14 Morning	All Below	1.0	0.7	0.1	--
August 14 Night	All Below	NA	NA	NA	--
August 15 Morning	All Below	0.5	0.8	0.3	--
August 15 Night	All Below	NA	NA	NA	--
August 16 Morning	All Below	0.8	1.7	0.2	--
August 16 Night	All Below	NA	NA	NA	--
August 17 Morning	All Below	0.6	1.0	0.4	--

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
August 17 Night	All Below	NA	NA	NA	--
August 21 Morning	All Below	1.4	0.7	0.3	--
August 21 Night	All Below	NA	NA	NA	--
August 22 Morning	All Below	0.6	0.8	0.5	--
August 22 Night	All Below	NA	NA	NA	--
August 23 Morning	All Below	1.3	1.2	0.3	--
August 23 Night	All Below	NA	NA	NA	--
August 24 Morning	All Below	3.0	1.3	0.5	--
August 24 Night	All Below	NA	NA	NA	--
August 28 Morning	All Below	2.0	2.0	0.3	--
August 28 Night	All Below	NA	NA	NA	--
August 29 Morning	All Below	0.9	1.4	0.4	--
August 29 Night	All Below	NA	NA	NA	--
August 30 Morning	All Below	1.5	1.0	0.3	--
August 30 Night	All Below	NA	NA	NA	--
August 31 Morning	All Below	0.8	0.9	0.3	--
August 31 Night	All Below	NA	NA	NA	--

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

2017 Water Intake PCB Data
Corrective Action Level = 0.5 microgram per liter

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
July 7	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
July 24	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
July 25	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
July 26	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
July 27	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
July 31	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 1	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 2	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 7	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
August 8	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 9	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 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 14 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 14 Night	All Below	NA	NA	NA	--
August 15 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 15 Night	All Below	NA	NA	NA	--
August 16 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 16 Night	All Below	NA	NA	NA	--
August 17 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 17 Night	All Below	NA	NA	NA	--
August 21 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 21 Night	All Below	NA	NA	NA	--

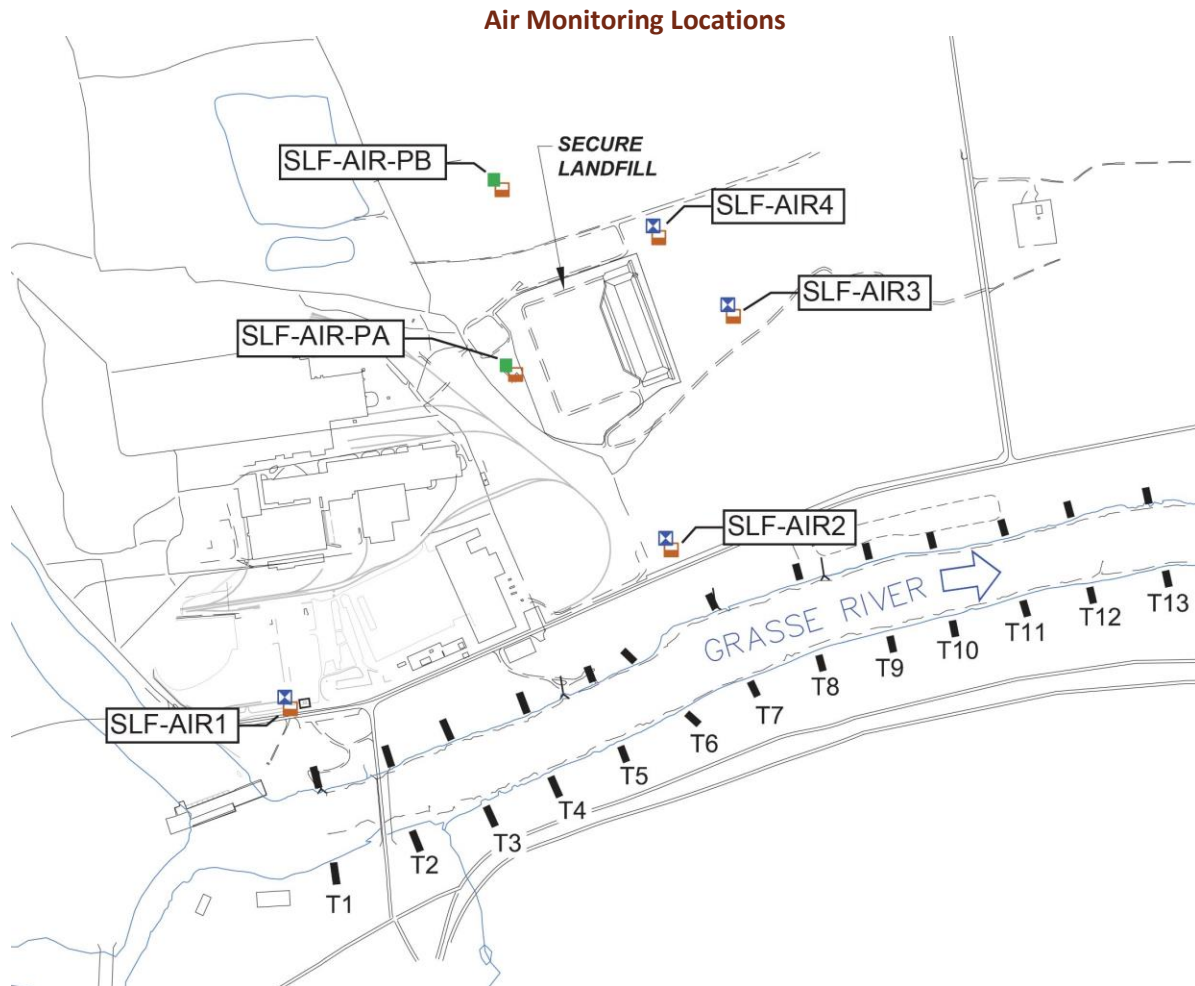
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
August 22 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 22 Night	All Below	NA	NA	NA	--
August 23 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 23 Night	All Below	NA	NA	NA	--
August 24 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 24 Night	All Below	NA	NA	NA	--
August 28 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 28 Night	All Below	NA	NA	NA	--
August 29 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 29 Night	All Below	NA	NA	NA	--
August 30 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 30 Night	All Below	NA	NA	NA	--
August 31 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
August 31 Night	All Below	NA	NA	NA	--

Total PCBs (micrograms per liter)

September 2017

Air Monitoring – 2017 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.



2017 Air Particulate Data

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

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 1	All Below	0.0183	0.0204	0.0301	0.0208	NA	NA	--
Sept 2	All Below	0.0190	0.0299	0.0265	0.0160	NA	NA	--
Sept 3	All Below	0.0224	0.0155	0.0240	0.0209	NA	NA	--
Sept 4	All Below	0.0396	0.0360	0.0484	0.0430	NA	NA	--
Sept 5	All Below	0.0416	0.0321	0.0489	0.0433	0.0397	0.0320	--
Sept 6	All Below	0.0513	0.0425	0.0621	0.0551	0.0536	0.0593	--
Sept 7	All Below	0.0357	0.0377	0.0498	0.0421	0.0570	0.0591	--
Sept 8	All Below	0.0101	0.0127	0.0154	0.0126	0.0083	0.0070	--
Sept 9	All Below	0.0169	0.0180	0.0291	0.0159	0.0137	0.0143	--
Sept 10	All Below	0.0136	0.0165	0.0215	0.0421	NA	NA	--
Sept 11	All Below	0.0180	0.0185	0.0228	0.0203	0.0369	0.0258	--
Sept 12	All Below	0.0159	0.0183	0.0181	0.0155	0.0230	0.0253	--
Sept 13	All Below	0.0223	0.0185	0.0220	0.0392	0.0336	0.0161	--
Sept 14	All Below	0.0264	0.0347	0.0929	0.0518	0.0793	0.1390	--
Sept 15	All Below	0.0438	0.0394	0.0916	0.0871	0.1569	0.1171	--
Sept 16	All Below	0.0464	0.0325	0.0718	0.0614	0.1210	0.0790	--
Sept 17	All Below	0.0474	0.0321	0.1153	0.0820	NA	NA	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 18	All Below	0.0543	0.0479	0.0831	0.0775	0.1427	0.0895	--
Sept 19	All Below	0.0402	0.0564	0.0639	0.0496	0.1160	0.1027	--
Sept 20	All Below	0.0805	0.0846	0.0988	0.0884	0.1130	0.0965	--
Sept 21	All Below	0.0516	0.0673	0.0614	0.0518	0.0534	0.0610	--
Sept 22	All Below	0.0460	0.0595	0.0705	0.0537	0.0983	0.1563	SLF-AIR-PB levels related to high humidity. Levels not related to field activities.
Sept 23	All Below	0.0701	0.0751	0.0813	0.0739	0.0697	0.0675	--
Sept 24	All Below	0.0528	0.0641	0.0882	0.0757	NA	NA	--
Sept 25	All Below	0.0602	0.0807	0.0933	0.0763	0.1846	0.3605	SLF-AIR-PA and PB levels related to high humidity. Levels not related to field activities.
Sept 26	All Below	0.0907	0.0807	0.0983	0.0739	0.0761	0.1549	SLF-AIR-PB levels related to high humidity. Levels not related to field activities.

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 27	All Below	0.0506	0.0561	0.0601	0.0485	0.0693	0.1681	SLF-AIR-PB levels related to high humidity. Levels not related to field activities.
Sept 28	All Below	0.0126	0.0345	0.0162	0.0132	0.0267	0.0039	--
Sept 29	All Below	0.0145	0.0341	0.0157	0.0085	0.0192	0.0178	--
Sept 30	All Below	0.0351	0.0474	0.0330	0.0225	0.0249	0.0167	--

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

2017 Air Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 1	All Below	0.2119	0	0.1005	0	NA	NA	--
Sept 2	All Below	0.2352	0	0.1099	0	NA	NA	--
Sept 3	All Below	0.0620	0	0.0705	0	NA	NA	--
Sept 4	All Below	0.1735	0.0116	0.0799	0	NA	NA	--
Sept 5	All Below	0.3121	0.0144	0.0707	0	0.4383	0	--
Sept 6	All Below	0.3867	0.0115	0.0649	0	0.4702	0	--
Sept 7	All Below	0.5227	0.0545	0.0821	0	0.4136	0	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 8	All Below	0.6329	0.0091	0.0587	0	0.4119	0	--
Sept 9	All Below	1.0019	0.0285	0.1254	0	0.3251	0	--
Sept 10	All Below	1.2548	0.0195	0.1286	0	NA	NA	--
Sept 11	All Below	1.5904	0.0356	0.1191	0	0.4241	0	--
Sept 12	All Below	1.9120	0.0299	0.1088	0	0.2513	0	--
Sept 13	All Below	2.0647	0.0690	0.1205	0	0.3422	0	--
Sept 14	All Below	2.7561	0.1170	0.1272	0	0.4827	0	--
Sept 15	All Below	2.9471	0.1099	0.1233	0	0.4515	0	--
Sept 16	All Below	3.4812	0.1199	0.0880	0	0.4282	0	--
Sept 17	All Below	4.4015	0.1003	0.1143	0	NA	NA	--
Sept 18	All Below	5.3654	0.1281	0.1393	0	0.3267	0	--
Sept 19	All Below	1.0389	0.1329	0.1469	0	0.3287	0	--
Sept 20	All Below	1.5909	0.1117	0.1400	0	0.1092	0	--
Sept 21	All Below	2.2341	0.0698	0.1500	0	0.1423	0	--
Sept 22	All Below	2.788	0.0505	0.1861	0	0.0169	0	--
Sept 23	All Below	2.6023	0.0734	0.0887	0	13.242	0	--
Sept 24	All Below	3.0666	0.1296	0.0997	0	NA	NA	--
Sept 25	All Below	3.8545	0.1471	0.1641	0	17.989	0.1059	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 26	All Below	3.1370	0.1317	0.1873	0	17.371	0.0225	--
Sept 27	All Below	0.3802	0.1317	0.1625	0	18.519	0.0181	--
Sept 28	All Below	0.0497	0	0.1613	0	11.445	0.0411	--
Sept 29	All Below	0.0693	0	0.1943	0	3.9637	0	--
Sept 30	All Below	0.1021	0.0091	0.1414	0	0.8725	0.0002	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2017 Air PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 1	All Below	0.000350	0.000250	0.000056	0.000110	NA	NA	--
Sept 4	All Below	0.000110	0.001800	0.000660	0.000610	NA	NA	--
Sept 5	All Below	0.000120	0.001300	0.000450	0.000390	NA	Below detectable levels	--
Sept 6	All Below	0.000160	0.001200	0.000380	0.000460	NA	NA	--
Sept 7	All Below	0.000066	0.001400	0.000700	0.000510	NA	NA	--
Sept 8	All Below	0.000290	0.000540	0.000140	0.000110	NA	NA	--
Sept 9	All Below	0.000250	0.000640	0.000140	0.000066	NA	NA	--
Sept 10	All Below	0.000140	0.000880	0.000470	0.000290	NA	NA	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 11	All Below	0.000120	0.000850	0.000330	0.000400	NA	NA	--
Sept 12	All Below	0.000090	0.001200	0.001100	0.000530	NA	NA	--
Sept 13	All Below	0.000150	0.000540	0.000870	0.000570	NA	NA	--
Sept 14	All Below	0.000140	0.000450	0.000430	0.000510	NA	NA	--
Sept 15	All Below	0.000350	0.000400	0.000370	0.000620	NA	NA	--
Sept 16	All Below	0.000270	0.000490	0.000360	0.000660	NA	NA	--
Sept 17	All Below	0.000330	0.000400	0.000260	0.000450	Below detectable levels	NA	--
Sept 18	All Below	0.000320	0.000290	0.000180	0.000280	Below detectable levels	NA	--
Sept 19	All Below	0.000250	0.000400	0.000150	0.000240	Below detectable levels	Below detectable levels	--
Sept 20	All Below	0.000250	0.000340	0.000085	0.000180	NA	NA	--
Sept 21	All Below	0.000130	0.000210	0.000087	0.000140	NA	NA	--
Sept 22	All Below	0.000380	0.000230	0.000130	0.000220	Below detectable levels	NA	--
Sept 23	All Below	0.000130	0.000620	0.000650	0.000580	NA	NA	--
Sept 24	All Below	0.000200	0.000580	0.000720	0.000870	NA	NA	--
Sept 25	All Below	0.000410	0.000460	0.000460	0.000750	NA	NA	--
Sept 26	All Below	0.000280	0.000520	0.000560	0.001100	NA	NA	--

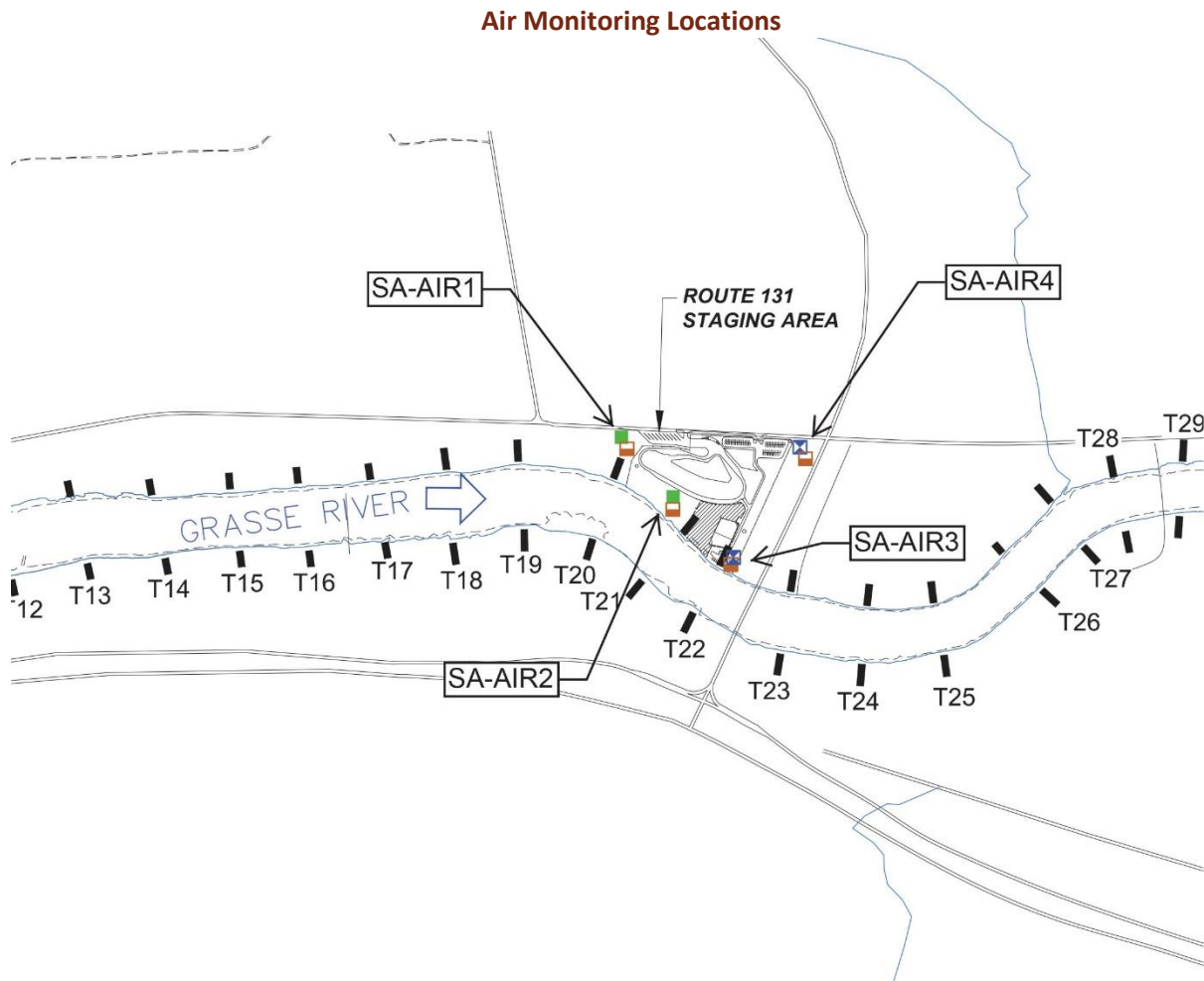
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Sept 27	All Below	0.000150	0.000720	0.000440	0.000570	Below detectable levels	Below detectable levels	--
Sept 28	All Below	0.000280	0.000150	0.000038	0.000048	NA	NA	--
Sept 29	All Below	0.000150	0.000075	0.000040	0.000059	Below detectable levels	Below detectable levels	--
Sept 30	All Below	0.000110	0.000063	0.000110	0.000240	NA	NA	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring – 2017 Route 131 Staging Area Construction

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.



2017 Air Particulate Data

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

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 5	All Below	0.0390	0.0519	0.0450	0.0347	--
Sept 6	All Below	0.0525	0.0553	0.0567	0.0481	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 7	All Below	0.0431	0.0480	0.0611	0.0421	--
Sept 8	All Below	0.0110	0.0165	0.0274	0.0083	--
Sept 11	All Below	0.0259	0.0383	0.0223	0.0381	--
Sept 12	All Below	0.1392	0.0218	0.0265	0.0188	--
Sept 13	All Below	0.0559	0.0341	0.0404	0.0400	--
Sept 14	All Below	0.0375	0.0405	0.0483	0.0370	--
Sept 15	All Below	0.0369	0.0408	0.0428	0.0371	--
Sept 19	All Below	0.0508	0.0542	0.0587	0.0554	--
Sept 20	All Below	0.0892	0.0929	0.092	0.0734	--
Sept 21	All Below	0.0559	0.0639	0.0629	0.0439	--
Sept 25	All Below	0.0785	0.1235	0.0928	0.0712	--
Sept 26	All Below	0.0537	0.0541	0.0672	0.0477	--
Sept 27	All Below	0.0458	0.0497	0.0741	0.1293	--
Sept 28	All Below	0.0101	0.0150	0.0047	0.0135	--

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

2017 Air Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 5	All Below	0	0	1.4269	0	--
Sept 6	All Below	0	0	1.5416	0	--
Sept 7	All Below	0	0	2.0713	0	--
Sept 8	All Below	0	0	2.3539	0	--
Sept 11	All Below	0	0	3.9348	0	--
Sept 12	All Below	0	0	3.5467	0	--
Sept 13	All Below	0	0	3.7457	0	--
Sept 14	All Below	0	0	0	0	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 15	All Below	0	0	0	0	--
Sept 19	All Below	0	0	0.2219	4.3734	--
Sept 20	All Below	0	0	0.2171	0	--
Sept 21	All Below	0	0	0.1637	0	--
Sept 25	All Below	0	0	0.2125	2.0107	--
Sept 26	All Below	0	0.1570	0.2521	0	--
Sept 27	All Below	0	0	0.3301	3.3858	--
Sept 28	All Below	0	0.0041	0.1382	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)

2017 Air PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 5	All Below	Below detectable levels	0.002600	0.000680	0.000290	--
Sept 6	All Below	0.002500	Below detectable levels	0.000540	0.000160	--
Sept 7	All Below	0.003800	Below detectable levels	0.000730	0.000260	--
Sept 8	All Below	0.014800	0.001700	0.000280	0.000099	--
Sept 11	All Below	Below detectable levels	0.002000	0.000004	0.000190	--
Sept 12	All Below	NA	NA	0.000260	0.000230	--
Sept 13	All Below	NA	NA	0.000390	0.000240	--
Sept 14	All Below	Below detectable levels	0.001900	0.000530	0.000330	--

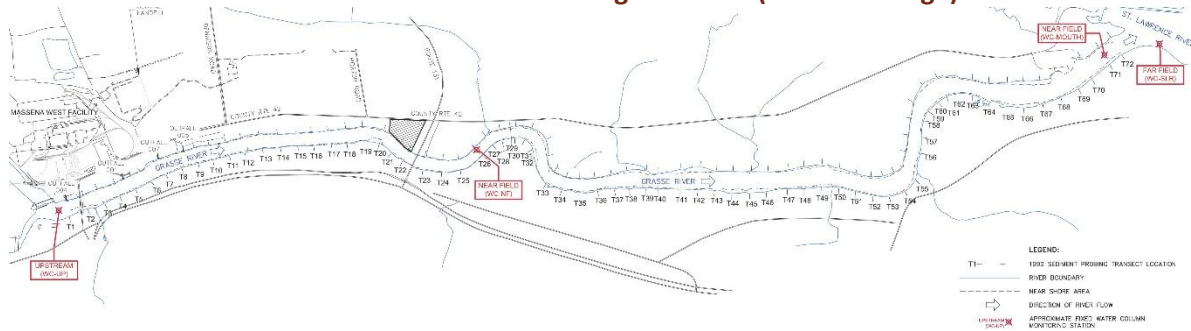
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Sept 18	All Below	Below detectable levels	0.001300	0.000570	0.000390	--
Sept 19	All Below	Below detectable levels	0.001500	NA	NA	--
Sept 20	All Below	Below detectable levels	Below detectable levels	0.000740	0.000370	--
Sept 21	All Below	Below detectable levels	Below detectable levels	0.000390	0.000370	--
Sept 25	All Below	Below detectable levels	Below detectable levels	0.000800	0.000930	--
Sept 26	All Below	Below detectable levels	Below detectable levels	0.001100	0.000540	--
Sept 27	All Below	Below detectable levels	Below detectable levels	0.000690	0.000440	--
Sept 28	All Below	Below detectable levels	Below detectable levels	0.000092	0.000076	--

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

Water Monitoring – 2017 Route 131 Staging Area Construction

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

Water Column Monitoring Locations (click to enlarge)



2017 Water Column Turbidity Data

Corrective Action Level = 100 NTU above WC-UP Level

Date	Action Level Check	WC-UP (0.5x)	WC-NF (0.2x)	WC-NF (0.8x)	WC-MOUTH (0.2x)	WC-MOUTH (0.8x)	WC-SLR (0.5x)	Notes
Sept 5 Morning	All Below	1.9	0.0	0.4	0.7	1.7	2.1	--
Sept 5 Night	All Below	1.5	0.0	0.4	0.4	1.7	2.0	--
Sept 6 Morning	All Below	1.6	0.0	0.0	1.0	1.4	5.1	--
Sept 6 Night	All Below	2.9	8.4	0.0	0.0	0.5	1.3	--
Sept 7 Morning	All Below	1.7	0.0	0.0	0.3	0.2	4.7	--
Sept 8 Morning	All Below	1.9	0.0	0.0	0.1	0.5	8.4	--
Sept 11 Morning	All Below	1.5	0.0	0.0	0.3	0.8	7.5	--
Sept 11 Night	All Below	1.9	0.0	0.0	0.0	0.9	7.0	--

Date	Action Level Check	WC-UP (0.5x)	WC-NF (0.2x)	WC-NF (0.8x)	WC-MOUTH (0.2x)	WC-MOUTH (0.8x)	WC-SLR (0.5x)	Notes
Sept 12 Morning	All Below	1.7	0.0	0.0	4.8	0.2	7.2	--
Sept 12 Night	All Below	1.9	0.0	0.0	0.1	0.4	5.1	--
Sept 13 Morning	All Below	1.6	0.4	0.3	0.6	0.9	8.9	--
Sept 13 Night	All Below	1.7	0.0	0.3	0.0	1.2	6.8	--
Sept 14 Morning	All Below	1.5	0.0	0.5	0.0	1.7	0.0	--
Sept 14 Night	All Below	1.4	0.0	1.0	0.0	1.9	4.4	--
Sept 18 Morning	All Below	1.0	0.0	1.9	0.0	2.7	7.8	--
Sept 18 Night	All Below	1.1	0.0	0.4	0.0	2.4	1.1	--
Sept 19 Morning	All Below	1.4	0.0	0.4	0.0	2.4	2.1	--
Sept 19 Night	All Below	1.4	0.0	0.3	0.0	2.3	4.4	--
Sept 20 Morning	All Below	1.2	0.0	0.0	0.0	2.7	11.7	--
Sept 20 Night	All Below	0.8	0.0	0.2	0.0	1.3	14.4	--
Sept 21 Morning	All Below	1.1	0.0	0.3	0.0	1.4	8.0	--
Sept 21 Night	All Below	0.9	0.0	0.5	0.0	1.5	16.1	--
Sept 25 Morning	All Below	1.3	0.0	0.3	0.0	0.9	12.0	--
Sept 25 Night	All Below	1.5	0.0	0.4	0.0	4.4	12.2	--
Sept 26 Morning	All Below	1.8	0.0	0.3	0.0	3.1	15.9	--
Sept 26 Night	All Below	1.4	0.0	0.4	0.0	4.2	12.2	--

Date	Action Level Check	WC-UP (0.5x)	WC-NF (0.2x)	WC-NF (0.8x)	WC-MOUTH (0.2x)	WC-MOUTH (0.8x)	WC-SLR (0.5x)	Notes
Sept 27 Morning	All Below	1.8	0.0	0.1	0.0	0.0	6.0	--
Sept 27 Night	All Below	1.6	0.0	0.1	0.0	0.0	11.7	--
Sept 28 Morning	All Below	1.3	0.5	0.1	0.2	0.0	14.1	--
Sept 28 Night	All Below	1.0	0.6	0.5	2.8	0.0	11.7	--

Turbidity (nephelometric turbidity unit; NTU)

2017 Water Column PCB Data
Corrective Action Level = 0.5 microgram per liter

Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Sept 5 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 5 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 6 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 6 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 7 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 8 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 11 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Sept 11 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 12 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 12 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 13 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 13 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 14 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 14 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 18 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 18 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 19 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 19 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 20 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 20 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Sept 21 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 21 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 25 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 25 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 26 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 26 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 27 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 28 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

PCBs (micrograms per liter)

Water Intake Monitoring Locations (click to enlarge)



2017 Water Intake Turbidity Data
Corrective Action Level = 100 NTU above Baseline Level

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sept 5 Morning	All Below	0.7	0.2	1.1	--
Sept 5 Night	All Below	NA	NA	NA	--
Sept 6 Morning	All Below	0.9	1.0	0.3	--
Sept 6 Night	All Below	NA	NA	NA	--
Sept 7 Morning	All Below	1.0	0.9	0.2	--
Sept 8 Morning	All Below	0.8	0.8	0.2	--
Sept 11 Morning	All Below	1.9	1.9	0.5	--
Sept 11 Night	All Below	NA	NA	NA	--
Sept 12 Morning	All Below	0.7	0.7	0.2	--
Sept 12 Night	All Below	NA	NA	NA	--
Sept 13 Morning	All Below	1.1	1.9	0.2	--
Sept 13 Night	All Below	NA	NA	NA	--
Sept 14 Morning	All Below	1.5	1.4	0.3	--
Sept 14 Night	All Below	NA	NA	NA	--
Sept 18 Morning	All Below	1.3	0.6	0.0	--
Sept 18 Night	All Below	NA	NA	NA	--
Sept 19 Morning	All Below	2.4	0.8	0.3	--
Sept 19 Night	All Below	NA	NA	NA	--
Sept 20 Morning	All Below	1.2	0.8	0.3	--
Sept 20 Night	All Below	NA	NA	NA	--
Sept 21 Morning	All Below	0.6	0.6	0.2	--

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sept 21 Night	All Below	NA	NA	NA	--
Sept 25 Morning	All Below	1.4	1.9	0.6	--
Sept 25 Night	All Below	NA	NA	NA	--
Sept 26 Morning	All Below	0.4	1.1	0.2	--
Sept 26 Night	All Below	NA	NA	NA	--
Sept 27 Morning	All Below	0.6	0.5	0.2	--
Sept 27 Night	All Below	NA	NA	NA	--
Sept 28 Morning	All Below	0.7	0.9	0.2	--
Sept 28 Night	All Below	NA	NA	NA	--

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

2017 Water Intake PCB Data
Corrective Action Level = 0.5 microgram per liter

Date	Action Level Check/	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sept 5 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 5 Night	All Below	NA	NA	NA	--
Sept 6 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 6 Night	All Below	NA	NA	NA	--
Sept 7 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 8 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

Date	Action Level Check/	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sept 11 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 11 Night	All Below	NA	NA	NA	--
Sept 12 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 12 Night	All Below	NA	NA	NA	--
Sept 13 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 13 Night	All Below	NA	NA	NA	--
Sept 14 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 14 Night	All Below	NA	NA	NA	--
Sept 18 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 18 Night	All Below	NA	NA	NA	--
Sept 19 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 19 Night	All Below	NA	NA	NA	--
Sept 20 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 20 Night	All Below	NA	NA	NA	--
Sept 21 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 21 Night	All Below	NA	NA	NA	--
Sept 25 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 25 Night	All Below	NA	NA	NA	--

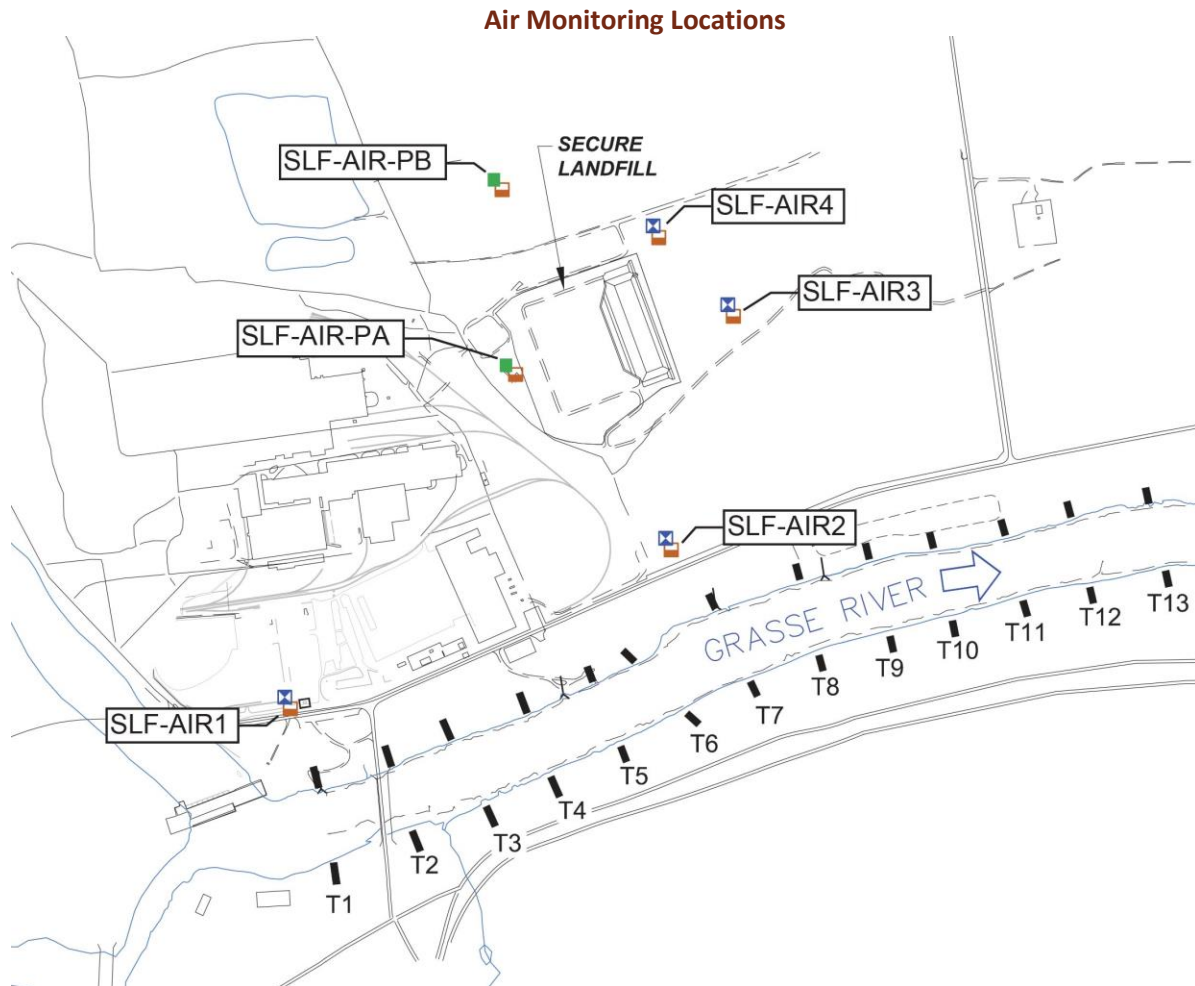
Date	Action Level Check/	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Sept 26 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 26 Night	All Below	NA	NA	NA	--
Sept 27 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Sept 28 Night	All Below	NA	NA	NA	--

PCBs (micrograms per liter)

October 2017

Air Monitoring – 2017 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.



2017 Air Particulate Data

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

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 1	All Below	0.0219	0.0411	0.0252	0.0171	NA	NA	--
Oct 2	All Below	0.0241	0.0433	0.0291	0.0195	0.0322	0.0481	--
Oct 3	All Below	0.0365	0.0501	0.0415	0.0466	0.0419	0.0353	--
Oct 4	All Below	0.0275	0.0376	0.0288	0.0329	0.0388	0.0131	--
Oct 5	All Below	0.0159	0.0323	0.0378	0.0130	0.0291	0.0196	--
Oct 6	All Below	0.0381	0.0480	0.0464	0.0454	NA	NA	--
Oct 7	All Below	0.0354	0.0412	0.0447	0.0328	NA	NA	--
Oct 8	All Below	0.0164	0.0312	0.0158	0.0119	NA	NA	--
Oct 9	All Below	0.0696	0.0425	0.0599	0.0643	NA	NA	--
Oct 10	All Below	0.0444	0.0471	0.0459	0.0400	0.0498	0.0227	--
Oct 11	All Below	0.0155	0.0363	0.0109	0.0100	0.0123	0.0063	--
Oct 12	All Below	0.0250	0.0427	0.0139	0.0213	0.0167	0.0060	--
Oct 13	All Below	0.0302	0.0424	0.0161	0.0221	0.0312	0.0525	--
Oct 14	All Below	0.0427	0.0483	0.0170	0.1014	NA	NA	--
Oct 15	All Below	0.0401	0.0488	0.0615	0.0357	NA	NA	--
Oct 16	All Below	0.0211	0.0424	0.0219	0.0181	0.0127	0.0043	--
Oct 17	All Below	0.0221	0.0397	0.0249	0.0185	0.0165	0.0076	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 18	All Below	0.0735	0.0567	0.0660	0.0695	0.0319	0.0170	--
Oct 19	All Below	0.0221	0.0440	0.0316	0.0180	0.0338	0.0109	--
Oct 20	All Below	0.0113	0.0323	0.0090	0.0070	0.0323	0.0034	--
Oct 21	All Below	0.0341	0.0456	0.0309	0.0273	NA	NA	--
Oct 22	All Below	0.0719	0.0649	0.0731	0.0838	NA	NA	--
Oct 23	All Below	0.0357	0.0440	0.0208	0.0153	0.0455	0.0337	--
Oct 24	All Below	0.0171	0.0447	0.0239	0.0295	NA	NA	--
Oct 25	All Below	0.0261	0.0381	0.0187	0.0187	NA	NA	--
Oct 26	All Below	0.0233	0.0391	0.0176	0.0165	NA	NA	--
Oct 27	All Below	0.0292	0.0525	0.0240	0.0241	NA	NA	--
Oct 28	All Below	0.0419	0.0450	0.0255	0.0308	NA	NA	--
Oct 29	All Below	0.0193	0.0457	0.0264	0.0302	NA	NA	--
Oct 30	All Below	0.0270	0.0427	0.0250	0.0236	NA	NA	--
Oct 31	All Below	0.0154	0.0411	0.0184	0.0113	NA	NA	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2017 Air Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 1	All Below	0.1140	0.0232	0.1553	0.0804	NA	NA	--
Oct 2	All Below	0.1261	0.0237	0.1967	0	0	0	--
Oct 3	All Below	0.1329	0.0028	0.2569	0.5658	0	0	--
Oct 4	All Below	0.1159	0.0052	0.1723	0	0	0.011	--
Oct 5	All Below	0.1100	0.0174	0.1839	0	0	0.0382	--
Oct 6	All Below	0.1745	0.0093	0.2567	0	NA	NA	--
Oct 7	All Below	0.1590	0.1017	0.1857	0	NA	NA	--
Oct 8	All Below	0.1615	0.0876	0.1576	0	NA	NA	--
Oct 9	All Below	0.1493	0.0311	0.1989	0	NA	NA	--
Oct 10	All Below	0.2299	0.1057	0.2101	0	0	0	--
Oct 11	All Below	0.2353	0.0635	0.1660	0	0	1.0319	--
Oct 12	All Below	0.3135	0.0641	0.0223	0	0	1.339	--
Oct 13	All Below	0.3109	0.0562	0.0413	0.2433	0	7.0077	--
Oct 14	All Below	0.2286	0.0555	NA	0	NA	NA	--
Oct 15	All Below	0.2639	0.0869	0.0726	0	NA	NA	--
Oct 16	All Below	0.3590	0.1145	0.0477	0	0	4.7919	--
Oct 17	All Below	0.3427	0.0939	0.0429	0	0	3.1124	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 18	All Below	0.4625	0.0555	0.0250	0	0	3.3540	--
Oct 19	All Below	0.3497	0.0637	0.0015	0	0	1.826	--
Oct 20	All Below	0.3370	0.0729	0.0020	0	0	4.4902	--
Oct 21	All Below	0.5084	0.0946	0.0554	0	NA	NA	--
Oct 22	All Below	0.5051	0.1011	0.0890	0	NA	NA	--
Oct 23	All Below	0.5352	0.1007	0.0191	0	0	7.2881	--
Oct 24	All Below	0.1333	0.1257	0.0925	0	NA	NA	--
Oct 25	All Below	0.2625	0.1092	0.0818	0	NA	NA	--
Oct 26	All Below	0.2557	0.1087	0.0651	0	NA	NA	--
Oct 27	All Below	0.3341	0.1199	0.0699	0	NA	NA	--
Oct 28	All Below	0.3647	0.1161	0.0966	0	NA	NA	--
Oct 29	All Below	0.2733	0.0807	0.0847	0	NA	NA	--
Oct 30	All Below	0.3242	0.1249	0.0752	0	NA	NA	--
Oct 31	All Below	0.2421	0.1408	0.0397	0	NA	NA	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2017 Air PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 1	All Below	0.000042	0.000180	0.000190	0.000260	Below detectable levels	Below detectable levels	--
Oct 2	All Below	0.000070	0.000130	0.000230	0.000170	NA	NA	--
Oct 3	All Below	0.000120	0.000300	0.000350	0.000550	NA	NA	--
Oct 4	All Below	0.000059	0.000760	0.000890	0.000550	NA	NA	--
Oct 5	All Below	0.000061	0.000530	0.000820	Below detectable levels	NA	NA	--
Oct 6	All Below	0.000110	0.000370	0.000560	Below detectable levels	NA	NA	--
Oct 7	All Below	0.000140	0.000660	0.000940	0.001200	NA	NA	--
Oct 8	All Below	0.000130	0.000600	0.001000	0.000500	NA	NA	--
Oct 9	All Below	0.000160	0.000390	0.000420	0.000230	NA	NA	--
Oct 10	All Below	0.000200	0.000400	0.000320	0.000220	NA	NA	--
Oct 11	All Below	0.000160	0.000200	0.000084	0.000060	NA	NA	--
Oct 13	All Below	0.000120	0.000450	0.000360	0.000360	NA	NA	--
Oct 14	All Below	0.000110	0.000120	0.000870	0.000330	NA	NA	--
Oct 15	All Below	0.000150	0.000760	0.000600	0.000500	NA	NA	--
Oct 16	All Below	0.000120	0.000170	0.000078	0.000120	NA	NA	--
Oct 17	All Below	0.000073	0.000280	0.000570	0.000350	NA	NA	--

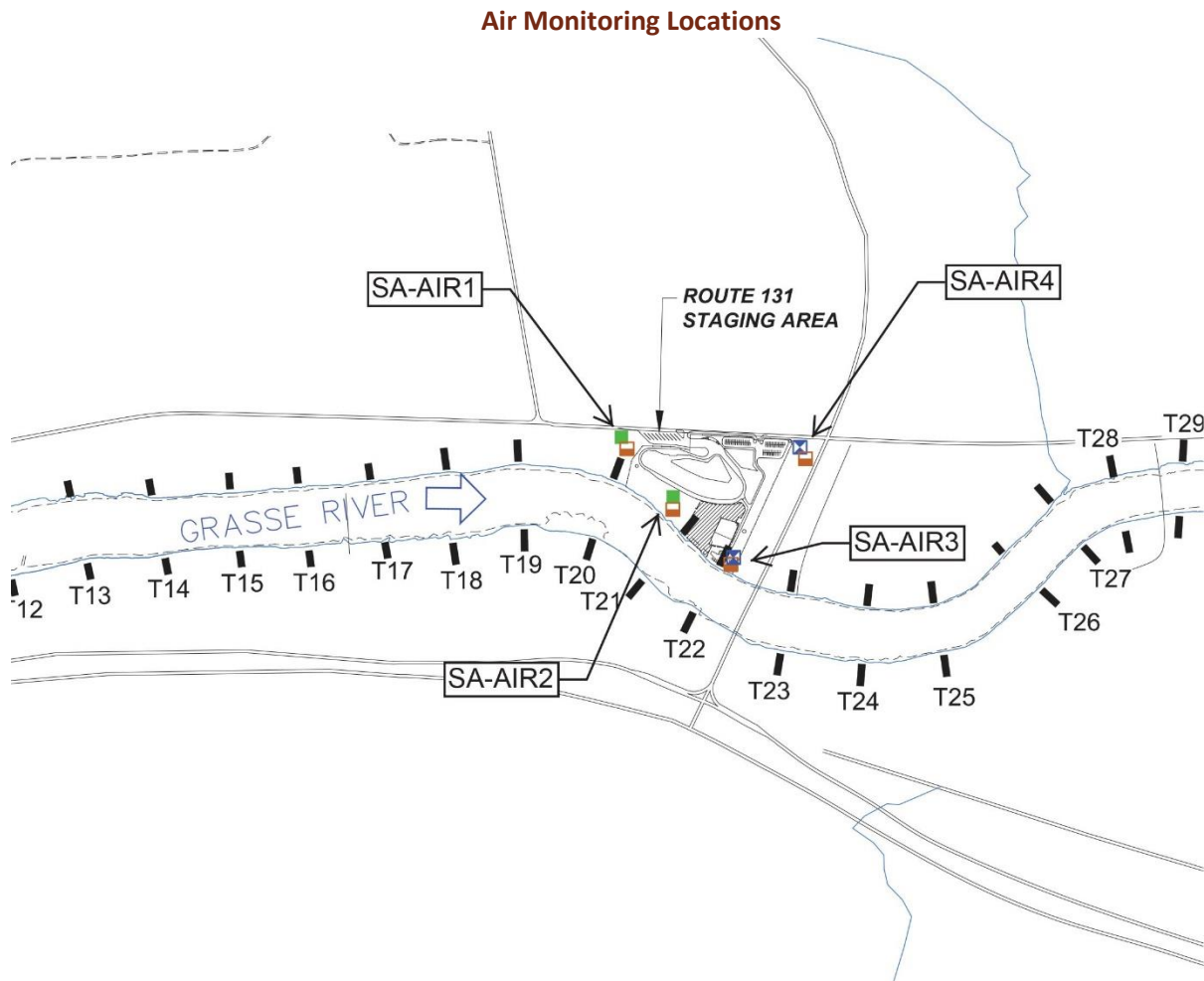
Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Oct 18	All Below	0.000200	0.000530	0.000480	0.000750	NA	NA	--
Oct 19	All Below	0.000081	0.000900	0.000021	0.000250	NA	NA	--
Oct 20	All Below	0.000075	0.000650	0.000280	0.000320	NA	NA	--
Oct 21	All Below	0.000140	0.000580	0.000450	0.000670	NA	NA	--
Oct 22	All Below	0.000280	0.000450	0.000250	0.000180	NA	NA	--
Oct 23	All Below	0.000220	0.000610	0.000240	0.000340	NA	NA	--
Oct 24	All Below	0.000260	0.000450	0.000220	0.000200	NA	NA	--
Oct 25	All Below	0.000150	0.000410	0.000280	0.000300	NA	NA	--
Oct 26	All Below	0.000170	0.000160	0.000120	0.000110	NA	NA	--
Oct 27	All Below	0.000091	0.000240	0.000150	0.000120	NA	NA	--
Oct 28	All Below	0.000100	0.000410	0.000480	0.000300	NA	NA	--
Oct 30	All Below	0.000045	0.000390	0.000340	0.000180	NA	NA	--
Oct 31	All Below	0.000043	0.000320	0.000280	0.000160	NA	NA	--

NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring – 2017 Route 131 Staging Area Construction

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.



2017 Air Particulate Data

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

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 2	All Below	0.0243	0.0474	0.0479	0.0289	--
Oct 3	All Below	0.0281	0.0384	0.0799	0.0329	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 4	All Below	0.0240	0.0241	0.0269	0.1293	--
Oct 5	All Below	0.0156	0.0186	0.0395	0.0330	--
Oct 9	All Below	0.0415	0.0447	0.0281	0.0245	--
Oct 10	All Below	0.0361	0.0424	0.0297	0.0239	--
Oct 11	All Below	0.0175	0.0238	0.0102	0.0107	--
Oct 12	All Below	0.0503	0.0307	0.0211	0.0182	--
Oct 13	All Below	0.0241	0.0350	0.0141	0.0238	--
Oct 16	All Below	0.0150	0.0330	0.0070	0.0170	--
Oct 17	All Below	0.0166	0.0251	0.0090	0.0141	--
Oct 18	All Below	0.0208	0.0326	0.0152	0.0197	--
Oct 19	All Below	0.0160	0.0257	0.0141	0.0521	--
Oct 23	All Below	0.0197	0.0425	0.131	0.0647	--
Oct 24	All Below	0.0265	0.0321	0.0203	0.0727	--
Oct 25	All Below	0.0165	0.0287	0.0156	0.0157	--
Oct 26	All Below	0.0136	0.0224	0.0081	0.0102	--
Oct 27	All Below	0.0217	0.0349	0.0175	0.0218	--
Oct 31	All Below	0.0195	0.0344	0.0157	0.0204	--

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

2017 Air Volatile Organic Compound Data
Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 2	All Below	0	0.0064	8.4878	0	--
Oct 3	All Below	0	0	4.3004	0.0005	--
Oct 4	All Below	0	0	5.2506	0	--
Oct 5	All Below	0	0	4.8849	0	--
Oct 9	All Below	0	0	6.1770	0.0002	--
Oct 10	All Below	0	0	0	0	--
Oct 11	All Below	0	0.1227	1.7171	0	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 12	All Below	0	0.1229	2.6305	0	--
Oct 13	All Below	0	0.1133	2.9937	0	--
Oct 16	All Below	0	0.1743	3.1109	0.8236	--
Oct 17	All Below	0	0.1305	3.8218	0	--
Oct 18	All Below	0	0.1063	5.5450	0	--
Oct 19	All Below	0	0.0301	2.1427	0	--
Oct 23	All Below	0	0.0127	2.9315	17.165	--
Oct 24	All Below	0	0.0380	4.2919	0.6879	--
Oct 25	All Below	0	0.0437	3.8167	0.1289	--
Oct 26	All Below	0	0	4.0410	0.1186	--
Oct 27	All Below	0	0	4.5193	0.1355	--
Oct 31	All Below	0	0	5.2899	2.8637	--

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

2017 Air PCB Data
Corrective Action Level = 0.100 microgram per cubic meter

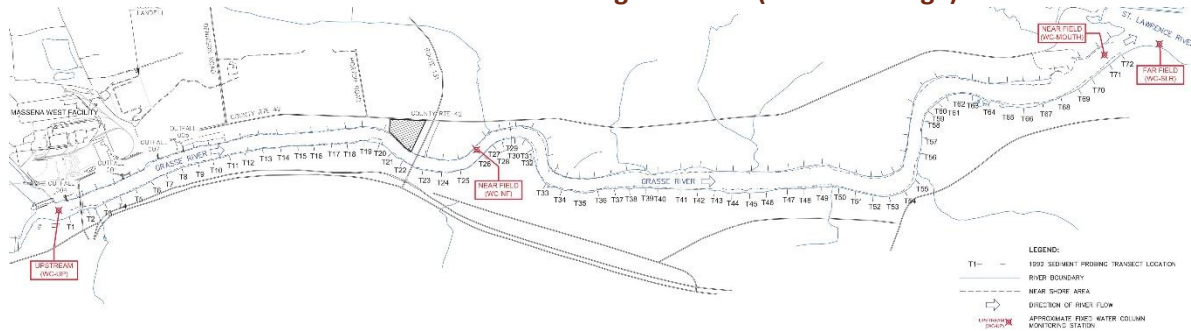
Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Oct 2	All Below	Below detectable levels	Below detectable levels	0.000190	0.000110	--
Oct 3	All Below	Below detectable levels	Below detectable levels	0.000400	0.000170	--
Oct 4	All Below	Below detectable levels	0.003900	0.000660	0.000180	--

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

Water Monitoring – 2017 Route 131 Staging Area Construction

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

Water Column Monitoring Locations (click to enlarge)



2017 Water Column Turbidity Data

Corrective Action Level = 100 NTU above WC-UP Level

Date	Action Level Check	WC-UP (0.5x)	WC-NF (0.2x)	WC-NF (0.8x)	WC-MOUTH (0.2x)	WC-MOUTH (0.8x)	WC-SLR (0.5x)	Notes
Oct 2 Morning	All Below	1.3	0.1	0.4	1.6	1.4	9.8	--
Oct 2 Night	All Below	1.0	0.0	1.4	0.8	1.5	3.2	--
Oct 3 Morning	All Below	1.2	0.0	0.6	1.0	1.3	10.4	--
Oct 3 Night	All Below	1.1	0.0	0.4	1.1	1.2	16.4	--
Oct 4 Morning	All Below	1.4	0.0	0.0	2.4	1.2	1.6	--

Turbidity (nephelometric turbidity unit; NTU)

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2017 Water Column PCB Data
Corrective Action Level = 0.5 microgram per liter

Date	Action Level Check	WC-NF	WC-MOUTH	WC-SLR	Notes
Oct 2 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 2 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 3 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 3 Night	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 4 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

PCBs (micrograms per liter)

Water Intake Monitoring Locations (click to enlarge)



2017 Water Intake Turbidity Data
Corrective Action Level = 100 NTU above Baseline Level

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 2 Morning	All Below	1.0	0.8	0.2	--

Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 2 Night	All Below	NA	NA	NA	--
Oct 3 Morning	All Below	0.5	0.7	0.3	--
Oct 3 Night	All Below	NA	NA	NA	--
Oct 4 Morning	All Below	1.5	1.5	0.4	--

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

2017 Water Intake PCB Data
Corrective Action Level = 0.5 microgram per liter

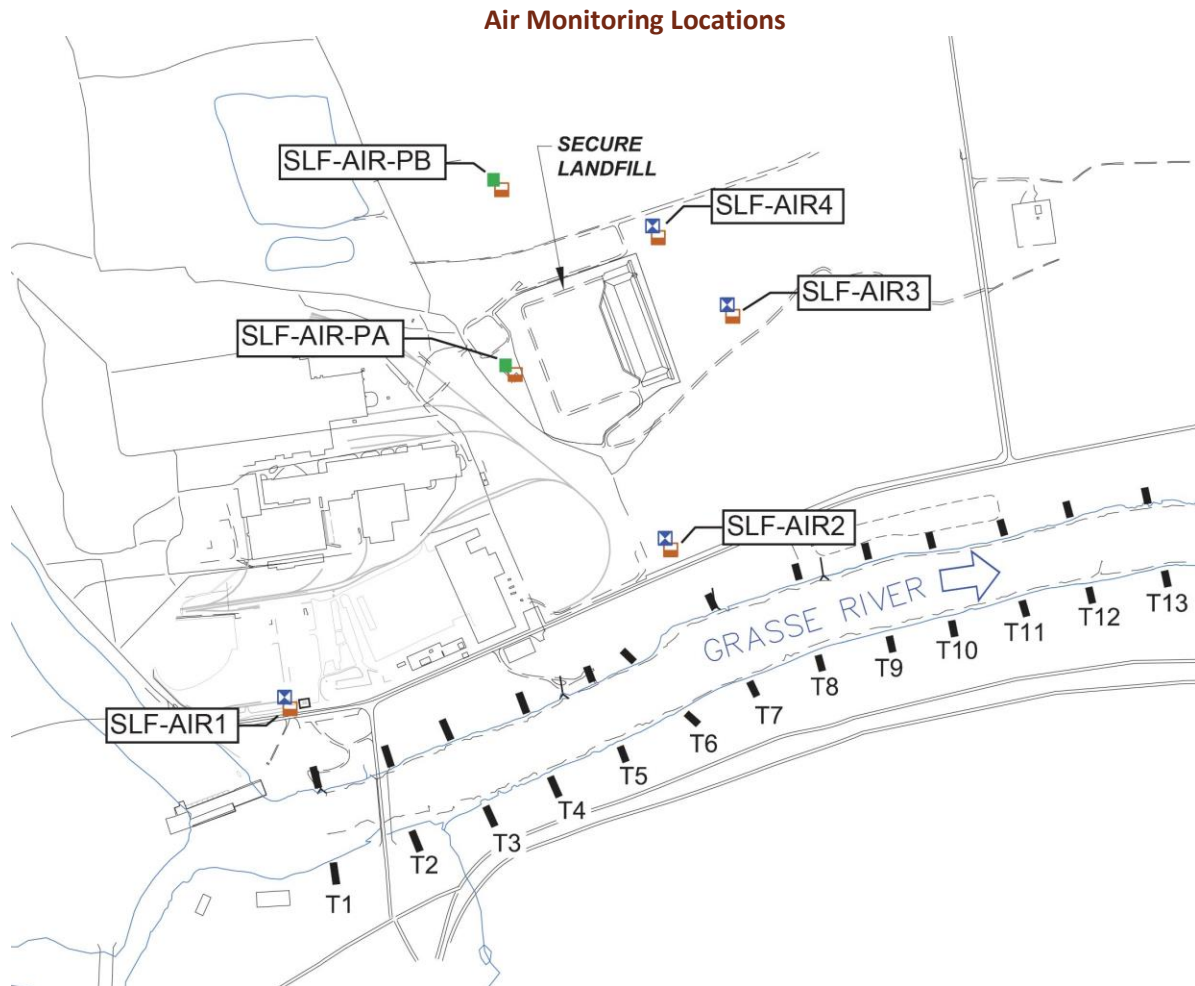
Date	Action Level Check	IN-AE-RAW	IN-SRMT-RAW	IN-SRMT-FIL	Notes
Oct 2 Morning	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 2 Night	All Below	NA	NA	NA	--
Oct 3 Day	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--
Oct 3 Night	All Below	NA	NA	NA	--
Oct 4 Day	All Below	Below detectable levels	Below detectable levels	Below detectable levels	--

PCBs (micrograms per liter)

November 2017

Air Monitoring - 2017 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.



2017 Air Particulate Data

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

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 1	All Below	0.0209	0.0404	0.0193	0.0167	NA	NA	--
Nov 2	All Below	0.0337	0.0456	0.0305	0.0288	NA	NA	--
Nov 3	All Below	0.0210	0.0390	0.0185	0.0121	NA	NA	--
Nov 4	All Below	0.0190	0.0419	0.0200	0.0141	NA	NA	--
Nov 5	All Below	0.0180	0.0410	0.0191	0.0133	NA	NA	--
Nov 6	All Below	0.0140	0.0400	0.0177	0.0111	NA	NA	--
Nov 7	All Below	0.0327	0.0533	0.0305	0.0220	0.0104	0.0030	--
Nov 8	All Below	0.0352	0.0534	0.0403	0.0430	0.0168	0.0194	--
Nov 9	All Below	0.0267	0.0473	0.0287	0.0359	0.0137	0.0085	--
Nov 10	All Below	0.0219	0.0423	0.0253	0.0117	NA	NA	--
Nov 11	All Below	0.0304	0.0483	0.0337	0.0211	NA	NA	--
Nov 12	All Below	0.0306	0.0525	0.0331	0.0211	NA	NA	--
Nov 13	All Below	0.0591	0.0749	0.0680	0.0349	0.0646	0.0509	--
Nov 14	All Below	0.0617	0.0707	0.0765	0.0379	0.0579	0.0695	--
Nov 15	All Below	0.0605	0.0770	0.0756	0.0389	0.0430	0.0490	--
Nov 16	All Below	0.0141	0.0380	0.0189	0.0359	0.0103	0.0097	--
Nov 17	All Below	0.0120	0.0387	0.0206	0.0097	0.0077	0.0051	--

NA = Data not collected

Particulates (milligrams per cubic meter)

2017 Air Volatile Organic Compound Data

Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 1	All Below	0.3719	0.1337	0.0370	0	NA	NA	--
Nov 2	All Below	0.3478	0.1087	0.0759	0	NA	NA	--
Nov 3	All Below	0.3825	0.1793	0.0703	0	NA	NA	--
Nov 4	All Below	0.4214	0.1849	0.1033	0	NA	NA	--
Nov 5	All Below	0.4155	0.1382	0.0573	0	NA	NA	--
Nov 6	All Below	0.4534	0.2616	0.0811	0	NA	NA	--
Nov 7	All Below	0.5582	0.2574	0.0681	0	0	2.908	--
Nov 8	All Below	0.6524	0.2329	0.0723	0	0	0.3801	--
Nov 9	All Below	0.7144	0.2646	0.0702	0	0	0.3381	--
Nov 10	All Below	0.7433	0.3679	8.9369	0	NA	NA	--
Nov 11	All Below	0.7911	0.3363	7.6547	0	NA	NA	--
Nov 12	All Below	0.9477	0.2901	0	0	NA	NA	--
Nov 13	All Below	1.4993	0.3081	1.5052	0	0	0.0141	--
Nov 14	All Below	2.2121	0.3446	5.8521	0	0	0.1335	--
Nov 15	All Below	4.0935	0.3447	8.6558	0	0	0.1409	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 16	All Below	4.3944	0.3987	6.0578	0	0	0.1519	--
Nov 17	All Below	2.4600	0.3986	0	0	0	0.3355	--

NA = Data not collected

Volatile Organic Compounds (VOCs parts per million)

2017 Air PCB Data

Corrective Action Level = 0.100 microgram per cubic meter

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 1	All Below	0.000087	0.000200	0.000150	0.000100	NA	NA	--
Nov 2	All Below	0.000110	0.000350	0.000280	0.000440	NA	NA	--
Nov 3	All Below	0.000220	0.000190	0.000100	0.000072	NA	NA	--
Nov 4	All Below	0.000100	0.000081	0.000055	0.000043	NA	NA	--
Nov 5	All Below	0.000130	0.000360	0.000180	0.000330	NA	NA	--
Nov 6	All Below	0.000210	0.000100	0.000033	0.000045	NA	NA	--
Nov 7	All Below	NA	0.000098	0.000034	0.000088	NA	NA	--
Nov 8	All Below	0.000075	0.000150	0.000054	0.000120	NA	NA	--
Nov 9	All Below	0.000770	0.000130	0.000085	0.000160	NA	NA	--
Nov 10	All Below	0.002300	0.000052	Below detectable levels	Below detectable levels	NA	NA	--
Nov 11	All Below	0.001000	0.000061	0.000043	0.000042	NA	NA	--

Date	Action Level Check	SLF-AIR1	SLF-AIR2	SLF-AIR3	SLF-AIR4	SLF-AIR-PA	SLF-AIR-PB	Notes
Nov 12	All Below	0.000840	0.000065	0.000029	Below detectable levels	NA	NA	--
Nov 13	All Below	0.000870	Below detectable levels	Below detectable levels	Below detectable levels	NA	NA	--
Nov 14	All Below	0.000560	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--
Nov 15	All Below	0.000500	0.000110	Below detectable levels	Below detectable levels	NA	NA	--
Nov 16	All Below	0.000440	0.000130	0.000140	0.000100	Below detectable levels	Below detectable levels	--
Nov 16	All Below	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	Below detectable levels	--

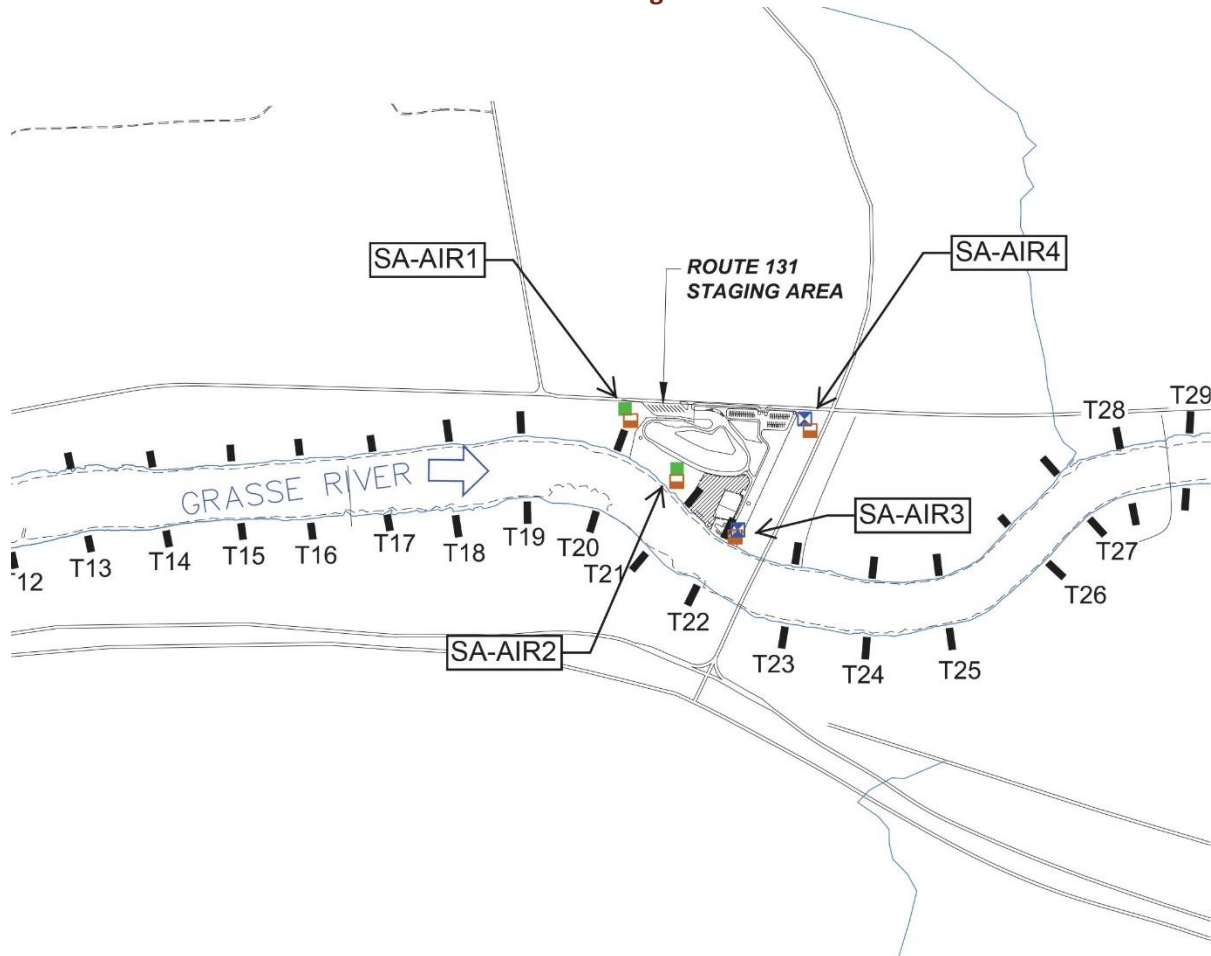
NA = Analysis not required

Total PCBs (micrograms per cubic meter)

Air Monitoring - 2017 Route 131 Staging Area Construction

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



2017 Air Particulate Data

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

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 1	All Below	0.0205	0.0325	0.0196	0.0250	--
Nov 2	All Below	0.0261	0.0337	0.0274	0.0211	--
Nov 6	All Below	0.0172	0.0327	0.0140	0.0150	--
Nov 7	All Below	0.0261	0.0409	0.0250	0.0292	--
Nov 8	All Below	0.0239	0.0398	0.0279	0.0281	--
Nov 9	All Below	0.0249	0.0365	0.0247	0.0325	--
Nov 13	All Below	0.0575	0.0766	0.0591	0.0621	--
Nov 14	All Below	0.0517	0.0897	0.0609	0.1441	--
Nov 15	All Below	0.0382	0.0813	0.0595	0.0602	--
Nov 16	All Below	0.0130	0.0211	0.0094	0.0145	--
Nov 17	All Below	0.0102	0.0207	0.0475	0.0169	--
Nov 20	All Below	0.0269	0.0409	0.0235	0.0301	--
Nov 21	All Below	0.0377	0.0521	0.0356	0.0373	--
Nov 22	All Below	0.0211	0.0365	0.0229	0.0285	--

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

2017 Air Volatile Organic Compound Data

Corrective Action Level = 25 ppm above upwind location

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 1	All Below	0	0	5.7651	0.2099	--
Nov 2	All Below	0	0	6.0933	1.1126	--
Nov 6	All Below	0	0	4.0061	0	--
Nov 7	All Below	0	0	4.0469	0	--
Nov 8	All Below	0	0	2.6577	0	--
Nov 9	All Below	0	0	1.1456	0	--
Nov 13	All Below	0	0	0.9770	0	--

Date	Action Level Check	SA-AIR1	SA-AIR2	SA-AIR3	SA-AIR4	Notes
Nov 14	All Below	0	0	0.2735	0	--
Nov 15	All Below	0	0	0.3088	0	--
Nov 16	All Below	0	0	0.2717	0	--
Nov 17	All Below	0	0	0.2635	0	--
Nov 20	All Below	0	0.0413	0	0	--
Nov 21	All Below	0	14.1820	0	0	--
Nov 22	All Below	0	13.3330	0	0	--

NA = Data not collected or recorded

Volatile Organic Compounds (VOCs parts per million)