

Sediment Data Summary
(Data tables to support the August 2017 West Lake Landfill Stormwater and Sediment Update Fact Sheet)

Sample Name	Date	Radium-226 ¹	Radium-228 ¹	Combined Radium	Thorium-230	Thorium-232	Combined Thorium	Uranium-234	Uranium-235	Uranium-238	Total Uranium
AC-SED-1-DUP (EPA)	1/8/2016	1.08	0.616	1.7	3.25	0.693	3.94	0.748	0.0283	0.737	1.51
AC-SED-2-DUP (EPA)	1/8/2016	1.5	1.08	2.58	3.33	0.651	3.98	0.966	0.0266	0.935	1.93
AC-SED-4-DUP (EPA)	1/8/2016	1.68	0.892	2.57	19.82	0.833	20.62*	0.776	0.0314	0.881	1.69
AC-SED-4 (PRP)	1/8/2016	1.61	0.794	2.4	14.72	1.46	16.22*	0.886	0.176	0.956	2.02
AC-SED-2 (PRP)	1/8/2016	1.05	0.781	1.83	2.74	0.812	3.55	0.881	0.284	0.902	2.07
AC-SED-1 (PRP)	1/8/2016	1.04	0.806	1.85	2.7	0.92	3.62	1.1	0.101 U	1.06	2.16
SEDIMENT 2016-03-16A-DUP (EPA)	3/16/2016	1.52	0.518	2.04	5.87	0.697	6.57	1.16	0.0693	0.953	2.18
SEDIMENT 2016-03-16B-DUP (EPA)	3/16/2016	1.11	0.616	1.73	3.85	0.601	4.45	0.618	0.0162 U	0.618	1.24
SEDIMENT 2016-03-16A (PRP)	3/16/2016	1.7	1.3	3	6.98	0.819	7.8	0.948	0.0953 U	1.11	2.06
SEDIMENT 2016-03-16B (PRP)	3/16/2016	1.13	1.08	2.21	4.53	0.736	5.27	0.934	0.114	0.996	2.04
SEDIMENT 2016-03-16B-DUP (PRP)	3/16/2016	1.32	0.922	2.24	4.39	0.841	5.23	0.929	0.155	0.68	1.76
AC-SED-4-DUP (EPA)	6/10/2016	1.14	1.17	2.31	3.56	1.04	4.6	0.767	0.0517	0.805	1.62
AC-SED-4 (PRP)	6/10/2016	1.27	0.976	2.25	3.23	0.65	3.88	0.832	0.0477 U	0.702	1.53
AC-SED-6-DUP (EPA)	6/10/2016	0.958	0.783	1.74	2.82	1.19	4.01	0.657	0.0425	0.821	1.52
AC-SED-6 (PRP)	6/10/2016	1.09	0.913	2	2.12	0.742	2.86	0.942	0.0576	0.795	1.79
AC-SED-6-DUP (PRP)	6/10/2016	1.25	1.31	2.56	2.15	0.714	2.86	0.67	0.131	0.7	1.5
AC-SED-7-DUP (EPA)	6/10/2016	1.07	0.75	1.82	2.45 J	0.656 J	3.11	0.513	0.0311	0.789	1.33
AC-SED-7 (PRP)	6/10/2016	0.91	0.839	1.75	2.38	0.639	3.02	0.528	0.05 U	0.615	1.14
AC-SED-8-DUP (EPA)	6/10/2016	1.42	0.921	2.34	3.77	1.11	4.88	0.757	0.033	0.826	1.62
AC-SED-8 (PRP)	6/10/2016	1.71	1.16	2.86	3.27	0.752	4.02	0.784	0.147	0.664	1.59
AC-SED-2-DUP (EPA)	11/3/2016	0.972	0.854	1.83	2.39	0.658	3.05	0.858	0.111 U	0.703	1.56
AC-SED-2-DUP (EPA)	11/3/2016	1.17	1.04	2.21	2.6	0.69	3.29	1.02	0.0286 U	0.764	1.78
AC-SED-2 (PRP)	11/3/2016	0.995	0.782	1.78	2.93	1.07	4	1.05	0.118	1.23	2.4
AC-SED-2-DUP (PRP)	11/3/2016	1.36	0.883	2.25	3.14	0.855	4	0.87	0.0625 U	1.01	1.88
AC-SED-10-DUP (EPA)	1/19/2017	1.38	0.51 U	1.38	2.35	0.778	3.13	1.05	0.0803	1.1	2.23
AC-SED-9-DUP (EPA)	1/19/2017	1.31	0.944	2.25	4.5	0.837	5.34	1.04	0.0498	1.09	2.18
AC-SED-9 (PRP)	1/19/2017	1.16	1.04	2.2	4.46	1.04	5.5	1.19	0.0476 U	0.951	2.14
AC-SED-10 (PRP)	1/19/2017	1.2	0.863	2.06	2.32	1.18	3.5	1.26	0.142	0.917	2.32

¹EPA and PRP samples analyzed isotopes of radium by gamma spectroscopy

*Meets the definition of RIM - Combine Radium > 7.9, Combined Thorium > 7.9, and Total U > 54.5

J = estimated result as reported by laboratory

U = Non-detect at the reported value

Note: Data is reported in picoCuries per gram (pCi/g).