

2022 Stormwater Season

Sampling and Analysis of the Rio Grande at the BDD Intake

Pursuant to the EM-LA/BDD Board Memorandum of Understanding

There was only one storm event during the 2022 stormwater season that resulted in the collection and analysis of samples from the Rio Grande at the BDD intake. This event occurred on August 17, 2023. In addition, “baseline” samples were collected from the BDD intake on June 25, 2022; August 10, 2022; and October 8, 2022, and were subsequently analyzed.

These analytical are summarized in the attached Appendix A. The PCB results in Appendix A are the sum of individual congeners as reported by the analytical laboratory without regard to presence or absence in the associated method blank or method blank correction. More detail on how the total PCB results for Appendix A were calculated as well as additional information on method blank contamination and method blank correction is found in the attached Appendix B. For the sake of brevity, analytical results for each of the 209 individual PCB congeners, most of which were not detected, are omitted from this report. These details are available upon request.

Danny Carter, Chemist

Buckman Direct Diversion

Appendix A

Sample Name	Sample Date	Sample Time	Sample Type	Analyte	Result	Units	Lower Limit	Lower Limit Type	Qualifier ^a	Uncertainty	Method	Lab ^b	Comments
BDD-SWBF-062822-A	6/25/22	1839	baseline	turbidity	79.4	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWBF-081022-A	8/10/22	1239	baseline	turbidity	158	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWBF-100822-A	10/8/22	1628	baseline	turbidity	97.1	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	turbidity	3348	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	turbidity	2805	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	turbidity	937	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	turbidity	1477	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	turbidity	2551	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	turbidity	2427	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	turbidity	8896	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	turbidity	10837	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	turbidity	8093	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWSF-081722-J	8/17/22	2256	stormflow	turbidity	4312	NTU	0.2	quantification limit			EPA 180.1	BDD	
BDD-SWBF-062822-A	6/25/22	1839	baseline	SSC	158	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWBF-081022-A	8/10/22	1239	baseline	SSC	433	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWBF-100822-A	10/8/22	1628	baseline	SSC	256	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	SSC	4560	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	SSC	3750	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	SSC	2960	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	SSC	2570	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	SSC	5400	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	SSC	3020	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	SSC	9430	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	SSC	10500	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	SSC	7530	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-J	8/17/22	2256	stormflow	SSC	7510	mg/L	not determined				ASTM D3977-97 C	AA	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	dioxins/furans	not detected	pg/l	12.9 to 129 for individual constituents	practical quantification limit	U		EPA 1613B	CF	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	dioxins/furans	not detected	pg/l	12.9 to 129 for individual constituents	practical quantification limit	U		EPA 1613B	CF	
BDD-SWSF-081722-J	8/17/22	2256	stormflow	dioxins/furans	not detected	pg/l	15.2 to 152 for individual constituents	practical quantification limit	U		EPA 1613B	CF	
BDD-SWBF-062822-A	6/25/22	1839	baseline	PCBs	718	pg/L	4.04 to 56.3 for individual congeners	estimated detection limit			EPA 1668A	CF	See PCBs Results Details worksheet for details.
BDD-SWBF-081022-A	8/10/22	1239	baseline	PCBs	814	pg/l	3.62 to 67.3 for individual congeners	estimated detection limit			EPA 1668A	CF	See PCBs Results Details worksheet for details.
BDD-SWBF-100822-A	10/8/22	1628	baseline	PCBs	685	pg/l	4.03 to 50.4 for individual congeners	estimated detection limit			EPA 1668A	CF	See PCBs Results Details worksheet for details.
BDD-SWSF-081722-A	8/17/22	1557	stormflow	PCBs	998	pg/l	4.33 to 58.6 for individual congeners	estimated detection limit			EPA 1668A	CF	See PCBs Results Details worksheet for details.
BDD-SWSF-081722-E	8/17/22	1826	stormflow	PCBs	875	pg/l	5.22 to 59.9 for individual congeners	estimated detection limit			EPA 1668A	CF	See PCBs Results Details worksheet for details.
BDD-SWSF-081722-I	8/17/22	2126	stormflow	PCBs	1322	pg/l	5.30 to 88.0 for individual congeners	estimated detection limit			EPA 1668A	CF	See PCBs Results Details worksheet for details.
BDD-SWBF-062822-A	6/25/22	1839	baseline	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWBF-081022-A	8/10/22	1239	baseline	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	total mercury (Hg)	0.0800	ug/L	0.0670	detection limit	JHh		EPA 245	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	total mercury (Hg)	0.119	ug/L	0.0670	detection limit	JHh		EPA 245	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	total mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	total mercury (Hg)	0.148	ug/L	0.0670	detection limit	JHh		EPA 245	GEL	
BDD-SWBF-062822-A-F	6/25/22	1839	baseline	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWBF-081022-A-F	8/10/22	1239	baseline	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWBF-100822-A-F	10/8/22	1628	baseline	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-A-F	8/17/22	1557	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-B-F	8/17/22	1627	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-C-F	8/17/22	1657	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-D-F	8/17/22	1741	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-E-F	8/17/22	1826	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-F-F	8/17/22	1911	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-G-F	8/17/22	1946	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-H-F	8/17/22	2041	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWSF-081722-I-F	8/17/22	2126	stormflow	dissolved mercury (Hg)	not detected	ug/L	0.0670	detection limit	Uhh		EPA 245	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	total aluminum (Al)	5010	ug/L	19.3	detection limit	Hh		EPA 200.8	GEL	
BDD-SWBF-081022-A	8/10/22	1239	baseline	total aluminum (Al)	6800	ug/L	19.3	detection limit			EPA 200.8	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	total aluminum (Al)	5930	ug/L	19.3	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	total aluminum (Al)	96000	ug/L	193	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	total aluminum (Al)	66400	ug/L	193	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	total aluminum (Al)	54100	ug/L	193	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	total aluminum (Al)	62400	ug/L	193	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	total aluminum (Al)	65000	ug/L	193	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	total aluminum (Al)	59700	ug/L	19.3	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	total aluminum (Al)	132000	ug/L	386	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	total aluminum (Al)	123000	ug/L	386	detection limit			EPA 200.8	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	total aluminum (Al)	118000	ug/L	386	detection limit			EPA 200.8	GEL	
BDD-SWBF-062822-A-F	6/25/22	1839	baseline	dissolved aluminum (Al)	20.9	ug/L	19.3	detection limit	JHh		EPA 200.8	GEL	

BDD-SWSF-081722-B	8/17/22	1627	stormflow	total copper (Cu)	53.9	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-C	8/17/22	1657	stormflow	total copper (Cu)	44.5	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-D	8/17/22	1741	stormflow	total copper (Cu)	46.6	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-E	8/17/22	1826	stormflow	total copper (Cu)	51.6	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-F	8/17/22	1911	stormflow	total copper (Cu)	48.6	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-G	8/17/22	1946	stormflow	total copper (Cu)	117	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-H	8/17/22	2041	stormflow	total copper (Cu)	99.5	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-I	8/17/22	2126	stormflow	total copper (Cu)	124	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWBF-062822-A-F	6/25/22	1839	baseline	dissolved copper (Cu)	2.96	µg/L	0.300	detection limit	Hh	EPA 200.8	GEL
BDD-SWBF-081022-A-F	8/10/22	1239	baseline	dissolved copper (Cu)	5.35	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWBF-100822-A-F	10/8/22	1628	baseline	dissolved copper (Cu)	15.2	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-A-F	8/17/22	1557	stormflow	dissolved copper (Cu)	14.8	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-B-F	8/17/22	1627	stormflow	dissolved copper (Cu)	2.41	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-C-F	8/17/22	1657	stormflow	dissolved copper (Cu)	4.38	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-D-F	8/17/22	1741	stormflow	dissolved copper (Cu)	3.06	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-E-F	8/17/22	1826	stormflow	dissolved copper (Cu)	3.40	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-F-F	8/17/22	1911	stormflow	dissolved copper (Cu)	4.69	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-G-F	8/17/22	1946	stormflow	dissolved copper (Cu)	2.15	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-H-F	8/17/22	2041	stormflow	dissolved copper (Cu)	17.4	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-I-F	8/17/22	2126	stormflow	dissolved copper (Cu)	4.17	µg/L	0.300	detection limit		EPA 200.8	GEL
BDD-SWBF-062822-A	6/25/22	1839	baseline	total iron (Fe)	3740	µg/L	33.0	detection limit	Hh	EPA 200.8	GEL
BDD-SWBF-081022-A	8/10/22	1239	baseline	total iron (Fe)	5080	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWBF-100822-A	10/8/22	1628	baseline	total iron (Fe)	4540	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-A	8/17/22	1557	stormflow	total iron (Fe)	67600	µg/L	330	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-B	8/17/22	1627	stormflow	total iron (Fe)	42100	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-C	8/17/22	1657	stormflow	total iron (Fe)	35600	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-D	8/17/22	1741	stormflow	total iron (Fe)	36800	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-E	8/17/22	1826	stormflow	total iron (Fe)	40500	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-F	8/17/22	1911	stormflow	total iron (Fe)	35	µg/L	33.0	detection limit	37300	EPA 200.8	GEL
BDD-SWSF-081722-G	8/17/22	1946	stormflow	total iron (Fe)	103000	µg/L	660	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-H	8/17/22	2041	stormflow	total iron (Fe)	86400	µg/L	660	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-I	8/17/22	2126	stormflow	total iron (Fe)	92200	µg/L	660	detection limit		EPA 200.8	GEL
BDD-SWBF-062822-A-F	6/25/22	1839	baseline	dissolved iron (Fe)	not detected	µg/L	33.0	detection limit	Uhh	EPA 200.8	GEL
BDD-SWBF-081022-A-F	8/10/22	1239	baseline	dissolved iron (Fe)	85.7	µg/L	33.0	detection limit	J	EPA 200.8	GEL
BDD-SWBF-100822-A-F	10/8/22	1628	baseline	dissolved iron (Fe)	68.0	µg/L	33.0	detection limit	J	EPA 200.8	GEL
BDD-SWSF-081722-A-F	8/17/22	1557	stormflow	dissolved iron (Fe)	10800	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-B-F	8/17/22	1627	stormflow	dissolved iron (Fe)	49.9	µg/L	33.0	detection limit	J	EPA 200.8	GEL
BDD-SWSF-081722-C-F	8/17/22	1657	stormflow	dissolved iron (Fe)	39.3	µg/L	33.0	detection limit	J	EPA 200.8	GEL
BDD-SWSF-081722-D-F	8/17/22	1741	stormflow	dissolved iron (Fe)	38.4	µg/L	33.0	detection limit	J	EPA 200.8	GEL
BDD-SWSF-081722-E-F	8/17/22	1826	stormflow	dissolved iron (Fe)	not detected	µg/L	33.0	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-F-F	8/17/22	1911	stormflow	dissolved iron (Fe)	35.4	µg/L	33.0	detection limit	J	EPA 200.8	GEL
BDD-SWSF-081722-G-F	8/17/22	1946	stormflow	dissolved iron (Fe)	64.4	µg/L	33.0	detection limit	J	EPA 200.8	GEL
BDD-SWSF-081722-H-F	8/17/22	2041	stormflow	dissolved iron (Fe)	6820	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-I-F	8/17/22	2126	stormflow	dissolved iron (Fe)	156	µg/L	33.0	detection limit		EPA 200.8	GEL
BDD-SWBF-062822-A	6/25/22	1839	baseline	total lead (Pb)	3.22	µg/L	0.500	detection limit	Hh	EPA 200.8	GEL
BDD-SWBF-081022-A	8/10/22	1239	baseline	total lead (Pb)	5.35	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWBF-100822-A	10/8/22	1628	baseline	total lead (Pb)	4.90	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-A	8/17/22	1557	stormflow	total lead (Pb)	56.7	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-B	8/17/22	1627	stormflow	total lead (Pb)	43.2	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-C	8/17/22	1657	stormflow	total lead (Pb)	34.3	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-D	8/17/22	1741	stormflow	total lead (Pb)	31.5	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-E	8/17/22	1826	stormflow	total lead (Pb)	42.3	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-F	8/17/22	1911	stormflow	total lead (Pb)	35.0	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-G	8/17/22	1946	stormflow	total lead (Pb)	106	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-H	8/17/22	2041	stormflow	total lead (Pb)	88.9	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-I	8/17/22	2126	stormflow	total lead (Pb)	94.4	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWBF-062822-A-F	6/25/22	1839	baseline	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	Uhh	EPA 200.8	GEL
BDD-SWBF-081022-A-F	8/10/22	1239	baseline	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWBF-100822-A-F	10/8/22	1628	baseline	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-A-F	8/17/22	1557	stormflow	dissolved lead (Pb)	7.43	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-B-F	8/17/22	1627	stormflow	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-C-F	8/17/22	1657	stormflow	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-D-F	8/17/22	1741	stormflow	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-E-F	8/17/22	1826	stormflow	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-F-F	8/17/22	1911	stormflow	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-G-F	8/17/22	1946	stormflow	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWSF-081722-H-F	8/17/22	2041	stormflow	dissolved lead (Pb)	4.73	µg/L	0.500	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-I-F	8/17/22	2126	stormflow	dissolved lead (Pb)	not detected	µg/L	0.500	detection limit	U	EPA 200.8	GEL
BDD-SWBF-062822-A	6/25/22	1839	baseline	total magnesium (Mg)	8450	µg/L	10.0	detection limit	Hh	EPA 200.8	GEL
BDD-SWBF-081022-A	8/10/22	1239	baseline	total magnesium (Mg)	7840	µg/L	10.0	detection limit		EPA 200.8	GEL
BDD-SWBF-100822-A	10/8/22	1628	baseline	total magnesium (Mg)	7660	µg/L	10.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-A	8/17/22	1557	stormflow	total magnesium (Mg)	43800	µg/L	10.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-B	8/17/22	1627	stormflow	total magnesium (Mg)	30300	µg/L	10.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-C	8/17/22	1657	stormflow	total magnesium (Mg)	28400	µg/L	10.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-D	8/17/22	1741	stormflow	total magnesium (Mg)	31000	µg/L	10.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-E	8/17/22	1826	stormflow	total magnesium (Mg)	34300	µg/L	10.0	detection limit		EPA 200.8	GEL
BDD-SWSF-081722-F	8/17/22	1911	stormflow	total magnesium (Mg)	31500	µg/L	10.0	detection limit		EPA 200.8	GEL

BDD-SWSF-081722-C	8/17/22	1657	stormflow	plutonium-244	not detected	pCi/L	0.268	minimum detectable concentration	U	0.228	DOE EML HASL-300, Pu-11-RC Modified	GEL	"result" is 0.245
BDD-SWSF-081722-D	8/17/22	1741	stormflow	plutonium-244	not detected	pCi/L	0.508	minimum detectable concentration	U	0.255	DOE EML HASL-300, Pu-11-RC Modified	GEL	"result" is 0.000
BDD-SWSF-081722-E	8/17/22	1826	stormflow	plutonium-244	not detected	pCi/L	0.315	minimum detectable concentration	U	0.161	DOE EML HASL-300, Pu-11-RC Modified	GEL	"result" is 0.0000000685
BDD-SWSF-081722-F	8/17/22	1911	stormflow	plutonium-244	not detected	pCi/L	0.114	minimum detectable concentration	U	0.149	DOE EML HASL-300, Pu-11-RC Modified	GEL	"result" is 0.0760
BDD-SWSF-081722-G	8/17/22	1946	stormflow	plutonium-244	not detected	pCi/L	0.266	minimum detectable concentration	U	0.367	DOE EML HASL-300, Pu-11-RC Modified	GEL	"result" is 0.869
BDD-SWSF-081722-H	8/17/22	2041	stormflow	plutonium-244	not detected	pCi/L	0.345	minimum detectable concentration	U	0.223	DOE EML HASL-300, Pu-11-RC Modified	GEL	"result" is 0.144
BDD-SWSF-081722-I	8/17/22	2126	stormflow	plutonium-244	not detected	pCi/L	0.438	minimum detectable concentration	U	0.219	DOE EML HASL-300, Pu-11-RC Modified	GEL	"result" is 0.000
BDD-SWBF-062822-A	6/25/22	1839	baseline	uranium-232/234	0.809	pCi/L	0.413	minimum detectable concentration	H	0.394	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-081022-A	8/10/22	1239	baseline	uranium-233/234	0.793	pCi/L	0.504	minimum detectable concentration	U	0.422	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	uranium-233/234	1.17	pCi/L	0.526	minimum detectable concentration	U	0.514	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	uranium-233/234	3.52	pCi/L	0.540	minimum detectable concentration	U	0.785	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	uranium-233/234	2.38	pCi/L	0.471	minimum detectable concentration	U	0.631	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	uranium-233/234	1.95	pCi/L	0.560	minimum detectable concentration	U	0.593	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	uranium-233/234	2.11	pCi/L	0.530	minimum detectable concentration	U	0.624	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	uranium-233/234	3.51	pCi/L	0.673	minimum detectable concentration	U	0.902	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	uranium-233/234	2.58	pCi/L	0.671	minimum detectable concentration	U	0.764	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	uranium-233/234	12.9	pCi/L	0.782	minimum detectable concentration	U	1.66	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	uranium-233/234	14.7	pCi/L	0.623	minimum detectable concentration	U	1.75	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	uranium-233/234	18.1	pCi/L	0.737	minimum detectable concentration	U	1.88	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	uranium-235/236	not detected	pCi/L	0.341	minimum detectable concentration	UH	0.231	DOE EML HSL-300, U-02-RC Modified	GEL	"result" is 0.134
BDD-SWBF-081022-A	8/10/22	1239	baseline	uranium-235/236	0.456	pCi/L	0.137	minimum detectable concentration	U	0.31	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	uranium-235/236	0.266	pCi/L	0.160	minimum detectable concentration	U	0.276	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	uranium-235/236	0.445	pCi/L	0.340	minimum detectable concentration	U	0.197	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	uranium-235/236	not detected	pCi/L	0.379	minimum detectable concentration	U	0.350	DOE EML HSL-300, U-02-RC Modified	GEL	"result" is 0.139
BDD-SWSF-081722-C	8/17/22	1657	stormflow	uranium-235/236	0.488	pCi/L	0.340	minimum detectable concentration	U	0.337	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	uranium-235/236	0.145	pCi/L	0.145	minimum detectable concentration	U	0.212	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	uranium-235/236	not detected	pCi/L	0.858	minimum detectable concentration	U	0.547	DOE EML HSL-300, U-02-RC Modified	GEL	"result" is 0.448
BDD-SWSF-081722-F	8/17/22	1911	stormflow	uranium-235/236	not detected	pCi/L	0.447	minimum detectable concentration	U	0.324	DOE EML HSL-300, U-02-RC Modified	GEL	"result" is 0.234
BDD-SWSF-081722-G	8/17/22	1946	stormflow	uranium-235/236	not detected	pCi/L	0.619	minimum detectable concentration	U	0.456	DOE EML HSL-300, U-02-RC Modified	GEL	"result" is 0.452
BDD-SWSF-081722-H	8/17/22	2041	stormflow	uranium-235/236	0.717	pCi/L	0.499	minimum detectable concentration	U	0.495	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	uranium-235/236	1.03	pCi/L	0.182	minimum detectable concentration	U	0.518	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	uranium-238	0.722	pCi/L	0.346	minimum detectable concentration	H	0.361	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-081022-A	8/10/22	1239	baseline	uranium-238	0.866	pCi/L	0.111	minimum detectable concentration	U	0.369	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	uranium-238	0.991	pCi/L	0.413	minimum detectable concentration	U	0.455	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	uranium-238	3.32	pCi/L	0.306	minimum detectable concentration	U	0.732	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	uranium-238	2.80	pCi/L	0.112	minimum detectable concentration	U	0.643	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	uranium-238	2.48	pCi/L	0.275	minimum detectable concentration	U	0.601	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	uranium-238	2.51	pCi/L	0.118	minimum detectable concentration	U	0.624	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	uranium-238	3.00	pCi/L	0.496	minimum detectable concentration	U	0.812	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	uranium-238	2.46	pCi/L	0.362	minimum detectable concentration	U	0.694	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	uranium-238	12.9	pCi/L	0.643	minimum detectable concentration	U	1.64	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	uranium-238	14.3	pCi/L	0.583	minimum detectable concentration	U	1.73	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	uranium-238	14.1	pCi/L	0.603	minimum detectable concentration	U	1.66	DOE EML HSL-300, U-02-RC Modified	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	actinium-228	not detected	pCi/L	37.4	minimum detectable concentration	UH	20.6	EPA 901.1	GEL	"result" is -9.57
BDD-SWBF-081022-A	8/10/22	1239	baseline	actinium-228	not detected	pCi/L	29.9	minimum detectable concentration	U	29.8	EPA 901.1	GEL	"result" is 19.4
BDD-SWBF-100822-A	10/8/22	1628	baseline	actinium-228	not detected	pCi/L	32.4	minimum detectable concentration	U	20.9	EPA 901.1	GEL	"result" is -19.4
BDD-SWSF-081722-A	8/17/22	1557	stormflow	actinium-228	not detected	pCi/L	29.0	minimum detectable concentration	UI	41.6	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-B	8/17/22	1627	stormflow	actinium-228	not detected	pCi/L	39.2	minimum detectable concentration	U	19.1	EPA 901.1	GEL	"result" is 12.5
BDD-SWSF-081722-C	8/17/22	1657	stormflow	actinium-228	not detected	pCi/L	31.0	minimum detectable concentration	U	19.7	EPA 901.1	GEL	"result" is -3.01
BDD-SWSF-081722-D	8/17/22	1741	stormflow	actinium-228	not detected	pCi/L	38.3	minimum detectable concentration	U	21.9	EPA 901.1	GEL	"result" is 0.777
BDD-SWSF-081722-E	8/17/22	1826	stormflow	actinium-228	not detected	pCi/L	21.9	minimum detectable concentration	UI	26.9	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-F	8/17/22	1911	stormflow	actinium-228	not detected	pCi/L	32.1	minimum detectable concentration	U	16.5	EPA 901.1	GEL	"result" is 9.13
BDD-SWSF-081722-G	8/17/22	1946	stormflow	actinium-228	not detected	pCi/L	21.2	minimum detectable concentration	UI	27.6	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-H	8/17/22	2041	stormflow	actinium-228	not detected	pCi/L	25.4	minimum detectable concentration	U	37.8	EPA 901.1	GEL	"result" is 9.38
BDD-SWSF-081722-I	8/17/22	2126	stormflow	actinium-228	not detected	pCi/L	30.2	minimum detectable concentration	U	32.9	EPA 901.1	GEL	"result" is 12.1
BDD-SWBF-062822-A	6/25/22	1839	baseline	bismuth-212	not detected	pCi/L	145	minimum detectable concentration	UH	80.2	EPA 901.1	GEL	"result" is 27.0
BDD-SWBF-081022-A	8/10/22	1239	baseline	bismuth-212	not detected	pCi/L	95.4	minimum detectable concentration	U	48.6	EPA 901.1	GEL	"result" is 51.0
BDD-SWBF-100822-A	10/8/22	1628	baseline	bismuth-212	not detected	pCi/L	106	minimum detectable concentration	U	54.7	EPA 901.1	GEL	"result" is 22.7
BDD-SWSF-081722-A	8/17/22	1557	stormflow	bismuth-212	not detected	pCi/L	132	minimum detectable concentration	U	63.9	EPA 901.1	GEL	"result" is 58.3
BDD-SWSF-081722-B	8/17/22	1627	stormflow	bismuth-212	not detected	pCi/L	148	minimum detectable concentration	U	83.3	EPA 901.1	GEL	"result" is 54.7
BDD-SWSF-081722-C	8/17/22	1657	stormflow	bismuth-212	not detected	pCi/L	94.8	minimum detectable concentration	U	84.6	EPA 901.1	GEL	"result" is 51.0
BDD-SWSF-081722-D	8/17/22	1741	stormflow	bismuth-212	not detected	pCi/L	157	minimum detectable concentration	U	94.8	EPA 901.1	GEL	"result" is 23.5
BDD-SWSF-081722-E	8/17/22	1826	stormflow	bismuth-212	not detected	pCi/L	97.3	minimum detectable concentration	U	67.8	EPA 901.1	GEL	"result" is 45.9
BDD-SWSF-081722-F	8/17/22	1911	stormflow	bismuth-212	not detected	pCi/L	99.6	minimum detectable concentration	U	50.8	EPA 901.1	GEL	"result" is 48.3
BDD-SWSF-081722-G	8/17/22	1946	stormflow	bismuth-212	not detected	pCi/L	113	minimum detectable concentration	U	54.8	EPA 901.1	GEL	"result" is 57.0
BDD-SWSF-081722-H	8/17/22	2041	stormflow	bismuth-212	not detected	pCi/L	106	minimum detectable concentration	UI	78.5	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-I	8/17/22	2126	stormflow	bismuth-212	not detected	pCi/L	118	minimum detectable concentration	U	57.0	EPA 901.1	GEL	"result" is 37.0
BDD-SWBF-062822-A	6/25/22	1839	baseline	cesium-134	not detected	pCi/L	9.81	minimum detectable concentration	UH	4.73	EPA 901.1	GEL	"result" is 2.13
BDD-SWBF-081022-A	8/10/22	1239	baseline	cesium-134	not detected	pCi/L	6.63	minimum detectable concentration	U	3.87	EPA 901.1	GEL	"result" is -1.09
BDD-SWBF-100822-A	10/8/22	1628	baseline	cesium-134	not detected	pCi/L	8.12	minimum detectable concentration	U	4.56	EPA 901.1	GEL	"result" is -1.09
BDD-SWSF-081722-A	8/17/22	1557	stormflow	cesium-134	not detected	pCi/L	9.20	minimum detectable concentration	U	5.25	EPA 901.1	GEL	"result" is -2.10
BDD-SWSF-081722-B	8/17/22	1627	stormflow	cesium-134	not detected	pCi/L	10.1	minimum detectable concentration	UI	7.75	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-C	8/17/22	1657	stormflow	cesium-134	not detected	pCi/L	8.22	minimum detectable concentration	U	4.56	EPA 901.1	GEL	"result" is -0.372
BDD-SWSF-081722-D	8/17/22	1741	stormflow	cesium-134	not detected	pCi/L	11.1	minimum detectable concentration	U	5.42	EPA 901.1	GEL	"result" is 4.25
BDD-SWSF-081722-E	8/17/22	1826	stormflow	cesium-134	not detected	pCi/L	6.64	minimum detectable concentration	U	4.30	EPA 901.1	GEL	"result" is -4.65
BDD-SWSF-081722-F	8/17/22	1911	stormflow	cesium-134	not detected	pCi/L	7.99	minimum detectable concentration	U	4.00	EPA 901.1	GEL	"result" is 3.18
BDD-SWSF-081722-G	8/17/22	1946	stormflow	cesium-134	not detected	pCi/L	8.80	minimum detectable concentration	U	4.02	EPA 901.1	GEL	"result" is 5.46

BDD-SWSF-081722-H	8/17/22	2041	stormflow	cesium-134	not detected	pCi/L	8.16	minimum detectable concentration	U	4.48	EPA 901.1	GEL	"result" is -0.393
BDD-SWSF-081722-I	8/17/22	2126	stormflow	cesium-134	not detected	pCi/L	10.8	minimum detectable concentration	U	5.90	EPA 901.1	GEL	"result" is -0.216
BDD-SWSF-062822-A	6/25/22	1839	baseline	cesium-137	not detected	pCi/L	7.13	minimum detectable concentration	UH	5.04	EPA 901.1	GEL	"result" is -2.48
BDD-SWSF-081022-A	8/10/22	1239	baseline	cesium-137	not detected	pCi/L	5.05	minimum detectable concentration	U	7.44	EPA 901.1	GEL	"result" is 0.690
BDD-SWSF-100822-A	10/8/22	1628	baseline	cesium-137	not detected	pCi/L	5.94	minimum detectable concentration	U	3.26	EPA 901.1	GEL	"result" is -0.708
BDD-SWSF-081722-A	8/17/22	1557	stormflow	cesium-137	not detected	pCi/L	7.79	minimum detectable concentration	U	5.18	EPA 901.1	GEL	"result" is -2.10
BDD-SWSF-081722-B	8/17/22	1627	stormflow	cesium-137	not detected	pCi/L	8.86	minimum detectable concentration	U	4.43	EPA 901.1	GEL	"result" is 3.34
BDD-SWSF-081722-C	8/17/22	1657	stormflow	cesium-137	not detected	pCi/L	9.03	minimum detectable concentration	U	5.45	EPA 901.1	GEL	"result" is -3.25
BDD-SWSF-081722-D	8/17/22	1741	stormflow	cesium-137	not detected	pCi/L	9.65	minimum detectable concentration	U	5.44	EPA 901.1	GEL	"result" is 1.75
BDD-SWSF-081722-E	8/17/22	1826	stormflow	cesium-137	not detected	pCi/L	5.90	minimum detectable concentration	U	3.89	EPA 901.1	GEL	"result" is -2.17
BDD-SWSF-081722-F	8/17/22	1911	stormflow	cesium-137	not detected	pCi/L	7.27	minimum detectable concentration	U	3.52	EPA 901.1	GEL	"result" is 3.89
BDD-SWSF-081722-G	8/17/22	1946	stormflow	cesium-137	not detected	pCi/L	6.84	minimum detectable concentration	U	4.26	EPA 901.1	GEL	"result" is -3.10
BDD-SWSF-081722-H	8/17/22	2041	stormflow	cesium-137	not detected	pCi/L	8.30	minimum detectable concentration	U	5.04	EPA 901.1	GEL	"result" is 1.73
BDD-SWSF-081722-I	8/17/22	2126	stormflow	cesium-137	not detected	pCi/L	8.99	minimum detectable concentration	U	4.66	EPA 901.1	GEL	"result" is 1.78
BDD-SWSF-062822-A	6/25/22	1839	baseline	cobalt-60	not detected	pCi/L	8.67	minimum detectable concentration	UH	3.83	EPA 901.1	GEL	"result" is 2.30
BDD-SWSF-081022-A	8/10/22	1239	baseline	cobalt-60	not detected	pCi/L	6.48	minimum detectable concentration	U	3.59	EPA 901.1	GEL	"result" is -1.28
BDD-SWSF-100822-A	10/8/22	1628	baseline	cobalt-60	not detected	pCi/L	8.89	minimum detectable concentration	U	3.77	EPA 901.1	GEL	"result" is 4.42
BDD-SWSF-081722-A	8/17/22	1557	stormflow	cobalt-60	not detected	pCi/L	9.64	minimum detectable concentration	U	4.57	EPA 901.1	GEL	"result" is 1.96
BDD-SWSF-081722-B	8/17/22	1627	stormflow	cobalt-60	not detected	pCi/L	11.0	minimum detectable concentration	U	5.10	EPA 901.1	GEL	"result" is 3.66
BDD-SWSF-081722-C	8/17/22	1657	stormflow	cobalt-60	not detected	pCi/L	7.62	minimum detectable concentration	U	3.84	EPA 901.1	GEL	"result" is 0.235
BDD-SWSF-081722-D	8/17/22	1741	stormflow	cobalt-60	not detected	pCi/L	8.01	minimum detectable concentration	U	4.90	EPA 901.1	GEL	"result" is -4.17
BDD-SWSF-081722-E	8/17/22	1826	stormflow	cobalt-60	not detected	pCi/L	8.19	minimum detectable concentration	U	4.03	EPA 901.1	GEL	"result" is 0.106
BDD-SWSF-081722-F	8/17/22	1911	stormflow	cobalt-60	not detected	pCi/L	7.26	minimum detectable concentration	U	3.76	EPA 901.1	GEL	"result" is -0.338
BDD-SWSF-081722-G	8/17/22	1946	stormflow	cobalt-60	not detected	pCi/L	6.61	minimum detectable concentration	U	3.54	EPA 901.1	GEL	"result" is -1.31
BDD-SWSF-081722-H	8/17/22	2041	stormflow	cobalt-60	not detected	pCi/L	7.52	minimum detectable concentration	U	3.98	EPA 901.1	GEL	"result" is -1.11
BDD-SWSF-081722-I	8/17/22	2126	stormflow	cobalt-60	not detected	pCi/L	10.4	minimum detectable concentration	U	4.24	EPA 901.1	GEL	"result" is 0.05
BDD-SWSF-062822-A	6/25/22	1839	baseline	lead-214	not detected	pCi/L	14.5	minimum detectable concentration	UH	16.2	EPA 901.1	GEL	"result" is 2.98
BDD-SWSF-081022-A	8/10/22	1239	baseline	lead-214	not detected	pCi/L	15.8	minimum detectable concentration	UI	14.4	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-100822-A	10/8/22	1628	baseline	lead-214	not detected	pCi/L	14.1	minimum detectable concentration	U	15.2	EPA 901.1	GEL	"result" is 13.7
BDD-SWSF-081722-A	8/17/22	1557	stormflow	lead-214	not detected	pCi/L	24.1	minimum detectable concentration	UI	20.6	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-B	8/17/22	1627	stormflow	lead-214	25.0	pCi/L	14.6	minimum detectable concentration	U	17.1	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-C	8/17/22	1657	stormflow	lead-214	not detected	pCi/L	19.7	minimum detectable concentration	U	16.1	EPA 901.1	GEL	"result" is 16.5
BDD-SWSF-081722-D	8/17/22	1741	stormflow	lead-214	not detected	pCi/L	19.0	minimum detectable concentration	U	14.2	EPA 901.1	GEL	"result" is 10.5
BDD-SWSF-081722-E	8/17/22	1826	stormflow	lead-214	not detected	pCi/L	20.2	minimum detectable concentration	UI	18.0	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-F	8/17/22	1911	stormflow	lead-214	29.5	pCi/L	17.6	minimum detectable concentration	U	15.1	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-G	8/17/22	1946	stormflow	lead-214	not detected	pCi/L	17.0	minimum detectable concentration	U	8.77	EPA 901.1	GEL	"result" is 15.2
BDD-SWSF-081722-H	8/17/22	2041	stormflow	lead-214	not detected	pCi/L	22.6	minimum detectable concentration	UI	17.3	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-I	8/17/22	2126	stormflow	lead-214	not detected	pCi/L	20.7	minimum detectable concentration	U	16.3	EPA 901.1	GEL	"result" is 16.3
BDD-SWSF-062822-A	6/25/22	1839	baseline	potassium-40	not detected	pCi/L	125	minimum detectable concentration	UH	68.6	EPA 901.1	GEL	"result" is -30.1
BDD-SWSF-081022-A	8/10/22	1239	baseline	potassium-40	not detected	pCi/L	76.9	minimum detectable concentration	U	48.4	EPA 901.1	GEL	"result" is -59.5
BDD-SWSF-100822-A	10/8/22	1628	baseline	potassium-40	not detected	pCi/L	96.2	minimum detectable concentration	U	48.0	EPA 901.1	GEL	"result" is 19.2
BDD-SWSF-081722-A	8/17/22	1557	stormflow	potassium-40	not detected	pCi/L	128	minimum detectable concentration	U	61.9	EPA 901.1	GEL	"result" is 12.3
BDD-SWSF-081722-B	8/17/22	1627	stormflow	potassium-40	112	pCi/L	55.8	minimum detectable concentration	U	69.3	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-C	8/17/22	1657	stormflow	potassium-40	not detected	pCi/L	77.6	minimum detectable concentration	U	72.8	EPA 901.1	GEL	"result" is 45.9
BDD-SWSF-081722-D	8/17/22	1741	stormflow	potassium-40	not detected	pCi/L	93.7	minimum detectable concentration	U	60.7	EPA 901.1	GEL	"result" is 53.1
BDD-SWSF-081722-E	8/17/22	1826	stormflow	potassium-40	not detected	pCi/L	81.2	minimum detectable concentration	UI	102	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-F	8/17/22	1911	stormflow	potassium-40	not detected	pCi/L	63.6	minimum detectable concentration	UI	33.3	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-G	8/17/22	1946	stormflow	potassium-40	203	pCi/L	56.9	minimum detectable concentration	U	69.5	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-H	8/17/22	2041	stormflow	potassium-40	not detected	pCi/L	67.3	minimum detectable concentration	UI	107	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-I	8/17/22	2126	stormflow	potassium-40	not detected	pCi/L	69.6	minimum detectable concentration	UI	98.0	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-062822-A	6/25/22	1839	baseline	protactinium-234m	not detected	pCi/L	1100	minimum detectable concentration	UH	670	EPA 901.1	GEL	"result" is 417
BDD-SWSF-081022-A	8/10/22	1239	baseline	protactinium-234m	not detected	pCi/L	819	minimum detectable concentration	U	677	EPA 901.1	GEL	"result" is 678
BDD-SWSF-100822-A	10/8/22	1628	baseline	protactinium-234m	not detected	pCi/L	968	minimum detectable concentration	UI	600	EPA 901.1	GEL	"result" is 0.000
BDD-SWSF-081722-A	8/17/22	1557	stormflow	protactinium-234m	not detected	pCi/L	1180	minimum detectable concentration	U	680	EPA 901.1	GEL	"result" is 26.1
BDD-SWSF-081722-B	8/17/22	1627	stormflow	protactinium-234m	not detected	pCi/L	957	minimum detectable concentration	U	512	EPA 901.1	GEL	"result" is -117
BDD-SWSF-081722-C	8/17/22	1657	stormflow	protactinium-234m	not detected	pCi/L	949	minimum detectable concentration	U	544	EPA 901.1	GEL	"result" is -54.6
BDD-SWSF-081722-D	8/17/22	1741	stormflow	protactinium-234m	not detected	pCi/L	1150	minimum detectable concentration	U	536	EPA 901.1	GEL	"result" is 624
BDD-SWSF-081722-E	8/17/22	1826	stormflow	protactinium-234m	not detected	pCi/L	914	minimum detectable concentration	U	496	EPA 901.1	GEL	"result" is 53.7
BDD-SWSF-081722-F	8/17/22	1911	stormflow	protactinium-234m	not detected	pCi/L	770	minimum detectable concentration	U	441	EPA 901.1	GEL	"result" is -146
BDD-SWSF-081722-G	8/17/22	1946	stormflow	protactinium-234m	not detected	pCi/L	750	minimum detectable concentration	U	423	EPA 901.1	GEL	"result" is 132
BDD-SWSF-081722-H	8/17/22	2041	stormflow	protactinium-234m	not detected	pCi/L	957	minimum detectable concentration	U	554	EPA 901.1	GEL	"result" is -319
BDD-SWSF-081722-I	8/17/22	2126	stormflow	protactinium-234m	not detected	pCi/L	885	minimum detectable concentration	U	627	EPA 901.1	GEL	"result" is -428
BDD-SWSF-062822-A	6/25/22	1839	baseline	sodium-22	not detected	pCi/L	9.04	minimum detectable concentration	UH	4.46	EPA 901.1	GEL	"result" is 0.621
BDD-SWSF-081022-A	8/10/22	1239	baseline	sodium-22	not detected	pCi/L	6.75	minimum detectable concentration	U	4.50	EPA 901.1	GEL	"result" is 6.03
BDD-SWSF-100822-A	10/8/22	1628	baseline	sodium-22	not detected	pCi/L	7.63	minimum detectable concentration	U	3.23	EPA 901.1	GEL	"result" is 3.47
BDD-SWSF-081722-A	8/17/22	1557	stormflow	sodium-22	not detected	pCi/L	9.81	minimum detectable concentration	U	4.82	EPA 901.1	GEL	"result" is 1.03
BDD-SWSF-081722-B	8/17/22	1627	stormflow	sodium-22	not detected	pCi/L	10.2	minimum detectable concentration	U	4.83	EPA 901.1	GEL	"result" is 2.07
BDD-SWSF-081722-C	8/17/22	1657	stormflow	sodium-22	not detected	pCi/L	8.46	minimum detectable concentration	U	5.26	EPA 901.1	GEL	"result" is 0.408
BDD-SWSF-081722-D	8/17/22	1741	stormflow	sodium-22	not detected	pCi/L	11.1	minimum detectable concentration	U	5.56	EPA 901.1	GEL	"result" is 2.02
BDD-SWSF-081722-E	8/17/22	1826	stormflow	sodium-22	not detected	pCi/L	6.88	minimum detectable concentration	U	3.76	EPA 901.1	GEL	"result" is -2.13
BDD-SWSF-081722-F	8/17/22	1911	stormflow	sodium-22	not detected	pCi/L	7.72	minimum detectable concentration	U	3.58	EPA 901.1	GEL	"result" is 1.75
BDD-SWSF-081722-G	8/17/22	1946	stormflow	sodium-22	not detected	pCi/L	4.99	minimum detectable concentration	U	3.87	EPA 901.1	GEL	"result" is -4.72
BDD-SWSF-081722-H	8/17/22	2041	stormflow	sodium-22	not detected	pCi/L	7.77	minimum detectable concentration	U	4.75	EPA 901.1	GEL	"result" is -4.50
BDD-SWSF-081722-I	8/17/22	2126	stormflow	sodium-22	not detected	pCi/L	7.79	minimum detectable concentration	U	4.54	EPA 901.1	GEL	"result" is -3.54
BDD-SWSF-062822-A	6/25/22	1839	baseline	thallium-208	not detected	pCi/L	9.32	minimum detectable concentration	UH	9.61	EPA 901.1	GEL	"result" is 0.730
BDD-SWSF-081022-A	8/10/22	1239	baseline	thallium-208	not detected	pCi/L	5.69	minimum detectable concentration	U	6.56	EPA 901.1	GEL	"result" is 5.57
BDD-SWSF-100822-A	10/8/22	1628	baseline	thallium-208	not detected	pCi/L	7.30	minimum detectable concentration	U	9.68	EPA 901.1	GEL	"result" is 2.88

BDD-SWSF-081722-A	8/17/22	1557	stormflow	thallium-208	not detected	pCi/L		8.49	minimum detectable concentration	UI	11.7	EPA 900.1	GEL	"result" is 0.000
BDD-SWSF-081722-B	8/17/22	1627	stormflow	thallium-208	not detected	pCi/L		9.25	minimum detectable concentration	U	6.65	EPA 900.1	GEL	"result" is 2.86
BDD-SWSF-081722-C	8/17/22	1657	stormflow	thallium-208	not detected	pCi/L		8.88	minimum detectable concentration	U	5.26	EPA 900.1	GEL	"result" is -3.04
BDD-SWSF-081722-D	8/17/22	1741	stormflow	thallium-208	not detected	pCi/L		9.56	minimum detectable concentration	U	9.85	EPA 900.1	GEL	"result" is 3.99
BDD-SWSF-081722-E	8/17/22	1826	stormflow	thallium-208	not detected	pCi/L		6.57	minimum detectable concentration	UI	9.37	EPA 900.1	GEL	"result" is 0.000
BDD-SWSF-081722-F	8/17/22	1911	stormflow	thallium-208		pCi/L	13.8	6.41	minimum detectable concentration	U	9.38	EPA 900.1	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	thallium-208		pCi/L	17.3	5.58	minimum detectable concentration	U	8.81	EPA 900.1	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	thallium-208		pCi/L	14.4	7.01	minimum detectable concentration	U	8.14	EPA 900.1	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	thallium-208		pCi/L	10.3	8.68	minimum detectable concentration	U	9.75	EPA 900.1	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	thorium-232	not detected	pCi/L		4920	minimum detectable concentration	UH	6900	EPA 900.1	GEL	"result" is 2710
BDD-SWBF-081022-A	8/10/22	1239	baseline	thorium-232	not detected	pCi/L		3800	minimum detectable concentration	U	4230	EPA 900.1	GEL	"result" is 923
BDD-SWBF-100822-A	10/8/22	1628	baseline	thorium-232	not detected	pCi/L		3450	minimum detectable concentration	U	3290	EPA 900.1	GEL	"result" is 2470
BDD-SWSF-081722-A	8/17/22	1557	stormflow	thorium-232	not detected	pCi/L		5750	minimum detectable concentration	U	5890	EPA 900.1	GEL	"result" is 1290
BDD-SWSF-081722-B	8/17/22	1627	stormflow	thorium-232	not detected	pCi/L		4720	minimum detectable concentration	U	2750	EPA 900.1	GEL	"result" is -333
BDD-SWSF-081722-C	8/17/22	1657	stormflow	thorium-232	not detected	pCi/L		2810	minimum detectable concentration	U	2780	EPA 900.1	GEL	"result" is 2520
BDD-SWSF-081722-D	8/17/22	1741	stormflow	thorium-232	not detected	pCi/L		8740	minimum detectable concentration	U	5490	EPA 900.1	GEL	"result" is -868
BDD-SWSF-081722-E	8/17/22	1826	stormflow	thorium-232	not detected	pCi/L		3860	minimum detectable concentration	U	3530	EPA 900.1	GEL	"result" is 839
BDD-SWSF-081722-F	8/17/22	1911	stormflow	thorium-232	not detected	pCi/L		2460	minimum detectable concentration	U	3280	EPA 900.1	GEL	"result" is 1430
BDD-SWSF-081722-G	8/17/22	1946	stormflow	thorium-232	not detected	pCi/L		3120	minimum detectable concentration	U	1910	EPA 900.1	GEL	"result" is -804
BDD-SWSF-081722-H	8/17/22	2041	stormflow	thorium-232	not detected	pCi/L		5400	minimum detectable concentration	U	5010	EPA 900.1	GEL	"result" is 3440
BDD-SWSF-081722-I	8/17/22	2126	stormflow	thorium-232	not detected	pCi/L		6580	minimum detectable concentration	U	5980	EPA 900.1	GEL	"result" is 2290
BDD-SWBF-062822-A	6/25/22	1839	baseline	radium-226		pCi/L	1.03	0.343	minimum detectable concentration	H	0.439	EPA 900.1 Modified	GEL	
BDD-SWBF-081022-A	8/10/22	1239	baseline	radium-226		pCi/L	0.612	0.521	minimum detectable concentration	U	0.402	EPA 900.1 Modified	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	radium-226		pCi/L	1.26	0.359	minimum detectable concentration	U	0.495	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	radium-226		pCi/L	3.62	0.436	minimum detectable concentration	U	0.764	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	radium-226		pCi/L	3.13	0.487	minimum detectable concentration	U	0.758	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	radium-226		pCi/L	2.06	0.447	minimum detectable concentration	U	0.598	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	radium-226		pCi/L	1.86	0.478	minimum detectable concentration	U	0.594	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	radium-226		pCi/L	2.70	0.696	minimum detectable concentration	U	0.801	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	radium-226		pCi/L	2.64	0.383	minimum detectable concentration	U	0.656	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	radium-226		pCi/L	8.18	0.408	minimum detectable concentration	U	1.17	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	radium-226		pCi/L	8.49	0.608	minimum detectable concentration	U	1.25	EPA 900.1 Modified	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	radium-226		pCi/L	8.21	0.393	minimum detectable concentration	U	1.07	EPA 900.1 Modified	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	radium-228	not detected	pCi/L		2.27	minimum detectable concentration	UH	1.29	EPA904.0/SW846 9326 Modified	GEL	"result" is 0.506
BDD-SWBF-081022-A	8/10/22	1239	baseline	radium-228	not detected	pCi/L		1.44	minimum detectable concentration	UH	0.947	EPA904.0/SW846 9326 Modified	GEL	"result" is 1.39
BDD-SWBF-100822-A	10/8/22	1628	baseline	radium-228	not detected	pCi/L		1.53	minimum detectable concentration	UH	0.978	EPA904.0/SW846 9326 Modified	GEL	"result" is 1.40
BDD-SWSF-081722-A	8/17/22	1557	stormflow	radium-228		pCi/L	3.84	1.94	minimum detectable concentration	U	1.42	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	radium-228		pCi/L	2.69	1.76	minimum detectable concentration	U	1.23	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	radium-228		pCi/L	1.81	1.74	minimum detectable concentration	U	1.13	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	radium-228	not detected	pCi/L		1.76	minimum detectable concentration	U	0.925	EPA904.0/SW846 9326 Modified	GEL	"result" is -0.145
BDD-SWSF-081722-E	8/17/22	1826	stormflow	radium-228		pCi/L	4.98	2.20	minimum detectable concentration	U	1.69	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	radium-228		pCi/L	2.39	1.46	minimum detectable concentration	U	1.06	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	radium-228		pCi/L	10.0	1.28	minimum detectable concentration	U	1.69	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	radium-228		pCi/L	3.60	1.69	minimum detectable concentration	U	1.36	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	radium-228		pCi/L	8.86	1.45	minimum detectable concentration	U	1.66	EPA904.0/SW846 9326 Modified	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	strontium-90	not detected	pCi/L		0.933	minimum detectable concentration	UH	0.581	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.706
BDD-SWBF-081022-A	8/10/22	1239	baseline	strontium-90	not detected	pCi/L	1.58	1.01	minimum detectable concentration	H	0.702	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	strontium-90	not detected	pCi/L		0.902	minimum detectable concentration	U	0.526	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.370
BDD-SWSF-081722-A	8/17/22	1557	stormflow	strontium-90	not detected	pCi/L		0.733	minimum detectable concentration	U	0.421	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.269
BDD-SWSF-081722-B	8/17/22	1627	stormflow	strontium-90	not detected	pCi/L		1.18	minimum detectable concentration	U	0.669	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.416
BDD-SWSF-081722-C	8/17/22	1657	stormflow	strontium-90	not detected	pCi/L		1.54	minimum detectable concentration	U	0.810	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is -0.154
BDD-SWSF-081722-D	8/17/22	1741	stormflow	strontium-90	not detected	pCi/L		1.05	minimum detectable concentration	U	0.638	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.611
BDD-SWSF-081722-E	8/17/22	1826	stormflow	strontium-90	not detected	pCi/L		1.28	minimum detectable concentration	U	0.585	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is -1.06
BDD-SWSF-081722-F	8/17/22	1911	stormflow	strontium-90	not detected	pCi/L		0.987	minimum detectable concentration	U	0.523	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.0847
BDD-SWSF-081722-G	8/17/22	1946	stormflow	strontium-90	not detected	pCi/L		1.00	minimum detectable concentration	U	0.619	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.707
BDD-SWSF-081722-H	8/17/22	2041	stormflow	strontium-90	not detected	pCi/L		1.13	minimum detectable concentration	U	0.727	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 3.10
BDD-SWSF-081722-I	8/17/22	2126	stormflow	strontium-90	not detected	pCi/L		0.890	minimum detectable concentration	U	0.580	EPA905.0 Modified/DOE RP501 Rev. 1 Modified	GEL	"result" is 0.879
BDD-SWBF-062822-A	6/25/22	1839	baseline	gross alpha		pCi/L	19.1	2.09	minimum detectable concentration	H	2.28	EPA 900.0/SW846 9310	GEL	
BDD-SWBF-081022-A	8/10/22	1239	baseline	gross alpha		pCi/L	12.7	4.98	minimum detectable concentration	U	5.49	EPA 900.0/SW846 9310	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	gross alpha		pCi/L	6.38	3.88	minimum detectable concentration	U	3.64	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-A	8/17/22	1557	stormflow	gross alpha		pCi/L	55.6	6.34	minimum detectable concentration	U	6.85	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	gross alpha		pCi/L	53.7	6.80	minimum detectable concentration	U	6.99	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	gross alpha		pCi/L	58.3	4.00	minimum detectable concentration	U	6.39	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	gross alpha		pCi/L	44.7	3.04	minimum detectable concentration	U	4.88	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	gross alpha		pCi/L	82.2	9.68	minimum detectable concentration	U	11.4	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-F	8/17/22	1911	stormflow	gross alpha		pCi/L	61.4	7.06	minimum detectable concentration	U	7.89	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-G	8/17/22	1946	stormflow	gross alpha		pCi/L	504	24.3	minimum detectable concentration	U	50.2	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-H	8/17/22	2041	stormflow	gross alpha		pCi/L	445	30.9	minimum detectable concentration	U	43.1	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-I	8/17/22	2126	stormflow	gross alpha		pCi/L	21.5	14.2	minimum detectable concentration	U	10.5	EPA 900.0/SW846 9310	GEL	
BDD-SWBF-062822-A	6/25/22	1839	baseline	gross beta		pCi/L	28.3	1.24	minimum detectable concentration	H	1.61	EPA 900.0/SW846 9310	GEL	
BDD-SWBF-081022-A	8/10/22	1239	baseline	gross beta		pCi/L	15.1	3.85	minimum detectable concentration	U	3.68	EPA 900.0/SW846 9310	GEL	
BDD-SWBF-100822-A	10/8/22	1628	baseline	gross beta	not detected	pCi/L		4.85	minimum detectable concentration	U	2.46	EPA 900.0/SW846 9310	GEL	"result" is -1.34
BDD-SWSF-081722-A	8/17/22	1557	stormflow	gross beta		pCi/L	52.3	3.04	minimum detectable concentration	U	3.35	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-B	8/17/22	1627	stormflow	gross beta		pCi/L	76.3	4.60	minimum detectable concentration	U	4.39	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-C	8/17/22	1657	stormflow	gross beta		pCi/L	55.5	3.55	minimum detectable concentration	U	3.55	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-D	8/17/22	1741	stormflow	gross beta		pCi/L	45.8	2.12	minimum detectable concentration	U	2.56	EPA 900.0/SW846 9310	GEL	
BDD-SWSF-081722-E	8/17/22	1826	stormflow	gross beta		pCi/L	88.2	7.59	minimum detectable concentration	U	6.79	EPA 900.0/SW846 9310	GEL	

BDD-SWSF-081722-F	8/17/22	1911	stormflow	gross beta	65.4	pCi/L	2.82	minimum detectable concentration	3.62	EPA 900.0/SW846 9310	GEL
BDD-SWSF-081722-G	8/17/22	1946	stormflow	gross beta	327	pCi/L	19.1	minimum detectable concentration	19.1	EPA 900.0/SW846 9310	GEL
BDD-SWSF-081722-H	8/17/22	2041	stormflow	gross beta	265	pCi/L	12.9	minimum detectable concentration	13.4	EPA 900.0/SW846 9310	GEL
BDD-SWSF-081722-I	8/17/22	2126	stormflow	gross beta	18.2	pCi/L	7.36	minimum detectable concentration	5.38	EPA 900.0/SW846 9310	GEL

^a U = Analyte was analyzed for but not detected.

H = Analytical holding time was exceeded.

h = Preparation or preservation holding time was exceeded.

J = Value is estimated.

UI = Uncertain identification.

^b BDD = Buckman Direct Diversion, Santa Fe, New Mexico

AA= Arkansas Analytical, Little Rock, Arkansas

CF = Cape Fear Analytical, Wilmington, North Carolina

GEL = General Engineering Laboratories, Charleston, South Carolina

Appendix B

Sample Name	Sample Date	Sample Time	Sample Type	Analyte	Result ^a	Result per Cape Fear ^b	MBCR per Cape Fear ^c	Units
BDD-SWBF-062822-A	6/25/22	1839	baseline	PCBs	718	18.6	0.000	pg/L
BDD-SWBF-081022-A	8/10/22	1239	baseline	PCBs	814	16.1	0.000	pg/l
BDD-SWBF-100822-A	10/8/22	1628	baseline	PCBs	685	74.3	17.8	pg/l
BDD-SWSF-081722-A	8/17/22	1557	stormflow	PCBs	998	96.7	25.8	pg/l
BDD-SWSF-081722-E	8/17/22	1826	stormflow	PCBs	875	59.7	16.3	pg/l
BDD-SWSF-081722-I	8/17/22	2126	stormflow	PCBs	1322	157	107	pg/l

Sample Name	Congener	Qualifier ^d	Result	Units
BDD-SWBF-062822-A	11-DiCB	BJ	402	pg/L
	20-TrCB	BCJ	58.6	pg/L
	22-TrCB	BJ	20.1	pg/L
	44-TeCB	BCJ	61.7	pg/L
	45-TeCB	BCJ	19.0	pg/L
	52-TeCB	BJ	76.6	pg/L
	61-TeCB	BCJ	42.1	pg/L
	90-PeCb	BCJ	37.5	pg/L
total			718	pg/L

Sample Name	Congener	Qualifier ^d	Result	Units
BDD-SWBF-081022-A	11-DiCB	BJ	418	pg/L
	20-TrCB	BCJ	59.9	pg/L
	22-TrCB	BJ	18.4	pg/L
	31-TrCB	BJ	50.9	pg/L
	44-TeCB	BCJ	69.1	pg/L
	45-TeCB	BCJ	18.3	pg/L
	52-TeCB	BJ	82.9	pg/L
	66-TeCB	BJ	18.6	pg/L
	90-PeCb	BCJ	32.8	pg/L
	95-PeCb	J	45.2	pg/L
	total			814

Sample Name	Congener	Qualifier ^d	Result	Units
BDD-SWBF-100822-A	11-DiCB	BJ	413	pg/L
	18-TrCB	BCJ	29.5	pg/L
	44-TeCB	BCJ	55.7	pg/L
	45-TeCB	BCJ	12.8	pg/L
	52-TeCB	BJ	60.4	pg/L
	66-TeCB	BJ	20.4	pg/L
	90-PeCb	BCJ	31.6	pg/L
	95-PeCb	J	29.6	pg/L
	110-PeCb	CJ	31.9	pg/L
	total			685

Sample Name	Congener	Qualifier ^d	Result	Units
BDD-SWSF-081722-A	11-DiCB	BJ	539	pg/L
	18-TrCB	BCJ	29.0	pg/L
	21-TrCB	BCJ	31.5	pg/L
	31-TrCB	BJ	47.5	pg/L
	44-TeCB	BCJ	61.3	pg/L
	52-TeCB	BJ	76.5	pg/L
	61-TeCB	BCJ	52.1	pg/L
	66-TeCB	BJ	25.4	pg/L
	95-PeCb	J	40.9	pg/L
	110-PeCB	CJ	39.9	pg/L
	118-PeCB	J	27.4	pg/L
	147-HxCB	CJ	27.9	pg/L
	total		998	pg/L

Sample Name	Congener	Qualifier ^d	Result	Units
BDD-SWSF-081722-E	11-DiCB	BJ	467	pg/L
	18-TrCB	BCJ	28.4	pg/L
	20-TrCB	BCJ	55.9	pg/L
	21-TrCB	BCJ	28.6	pg/L
	31-TrCB	BJ	45.0	pg/L
	52-TeCB	BJ	72.2	pg/L
	61-TeCB	BCJ	49.1	pg/L
	90-PeCB	BCJ	40.7	pg/L
	110-PeCB	CJ	30.5	pg/L
	129-HxCB	BCJ	28.9	pg/L
	153-HxCB	CJ	28.7	pg/L
	total		875	pg/L

Sample Name	Congener	Qualifier ^d	Result	Units
BDD-SWSF-081722-I	3-MoCB	J	15.1	pg/L
	11-DiCB	B	604	pg/L
	18-TrCB	BCJ	32.3	pg/L
	20-TrCB	BCJ	71.2	pg/L
	22-TrCB	BJ	26.7	pg/L
	31-TrCB	BJ	55.9	pg/L
	44-TeCB	BCJ	74.9	pg/L
	45-TCB	BCJ	16.8	pg/L
	61-TeCB	BCJ	64.2	pg/L
	66-TeCB	BJ	26.6	pg/L
	90-PeCB	BCJ	60.4	pg/L
	95-PeCB	J	47.9	pg/L
	99-PeCB	BJ	26.3	pg/L
	110-PeCB	CJ	59.1	pg/L
	129-HxCB	BCJ	63.8	pg/L
	135-HxCB	CJ	23.7	pg/L
	153-HxCB	CJ	53.0	pg/L
	total		1322	pg/L

^a Total of individual congeners without regard to absence or presence in the associated method blank.

^b Cape Fear Results exclude all congeners that were detected in the associated method blank and also excludes all congeners with an Estimated Maximum Possible Concentration (EMPC) exceeding the estimated detection limit in the associated method blank. EMPCs exceeding the estimated detection limit in the associated method blank are not indicated on the Level II report from Cape Fear.

^c MBCR = Method Blank Corrected Result. Method Blank Corrections are calculated using several previous method blanks in addition to the one associated with these samples.

^d B = The target analyte was detected in the associated blank.
C = Congener has coeluters.
J = Value is estimated.