

Data Table 8-2, NPDES Blind Sample Results

EBL = Environmental Bioassay Laboratory, SES = Shealy Environmental Services

♦ not calculated due to less than value

Sample Date	NPDES Site	Blind Sample ID	Laboratory	Parameter	Units	Compliance Sample Value	Blind Sample Value	Relative % Difference	Relative Percent Difference (< 20 %)
1/24/2013	H-07	B131Q01	EBL	Total Suspended Solids	mg/l	NO FLOW	NO FLOW	♦	♦
2/21/2013	F-08	B130201	EBL	Lead	mg/l	<0.0020	<0.0020	♦	♦
2/21/2013	F-08	B130201	EBL	Zinc	mg/l	0.1026	0.1066	3.8	Yes
2/21/2013	H-02	B130102	EBL	Copper	mg/l	0.0089	0.0085	4.6	Yes
2/21/2013	H-02	B130102	EBL	Lead	mg/l	<0.0020	<0.0020	♦	♦
2/21/2013	H-02	B130102	EBL	Zinc	mg/l	0.0105	0.0155	38.5	No
3/4/2013	A-1A	B130301	SES	Tetrachloroethylene	µg/L	NO FLOW	NO FLOW	♦	♦
3/4/2013	A-1A	B130301	SES	Trichloroethylene	µg/L	NO FLOW	NO FLOW	♦	♦
3/4/2013	A-01	B130101	SES	Oil & Grease	mg/l	<5.4	<5.4	♦	♦
3/5/2013	A-01	B130101	SES	Biochemical Oxygen Demand	mg/l	<2.0	<2.0	♦	♦
3/5/2013	A-01	B130101	EBL	Iron	mg/l	0.0753	0.0765	1.6	Yes
3/5/2013	A-01	B130101	EBL	Total Suspended Solids	mg/l	1.0	<1.0	♦	♦
3/4/2013	H-16	B130202	SES	Cadmium	mg/l	<0.0001	<0.0001	♦	♦
3/4/2013	H-16	B130202	SES	Chromium	mg/l	<0.005	<0.005	♦	♦
3/4/2013	H-16	B130202	SES	Copper	mg/l	<0.005	<0.005	♦	♦
3/4/2013	H-16	B130202	SES	Lead	mg/l	<0.002	<0.002	♦	♦
3/4/2013	H-16	B130202	SES	Nickel	mg/l	<0.010	<0.010	♦	♦
3/4/2013	H-16	B130202	SES	Silver	mg/l	<0.005	<0.005	♦	♦
3/4/2013	H-16	B130202	SES	Zinc	mg/l	0.0057	0.0059	3.4	Yes
3/4/2013	H-16	B130202	SES	Mercury	mg/l	<0.00010	<0.00010	♦	♦
3/14/2013	K-18	B131Q02	EBL	Total Suspended Solids	mg/l	2.0	2.0	0.0	Yes
3/14/2013	L-07	B131Q03	EBL	Total Suspended Solids	mg/l	<1.0	<1.0	♦	♦
4/1/2013	M-05	B130302	SES	Tetrachloroethylene	µg/L	<2.0	<2.0	♦	♦
4/1/2013	M-05	B130302	SES	Trichloroethylene	µg/L	<2.0	<2.0	♦	♦
4/9/2013	A-11	B130401	EBL	Total Suspended Solids	mg/l	<1.0	<1.0	♦	♦
4/9/2013	A-11	B130401	SES	Biochemical Oxygen Demand	mg/l	2.1	2.0	4.9	Yes
4/9/2013	A-01	B130402	EBL	Total Suspended Solids	mg/l	1.0	1.0	0.0	Yes
4/8/2013	A-01	B130402	SES	Oil & Grease	mg/l	<5.1	<5.1	♦	♦
4/9/2013	A-01	B130402	SES	Biochemical Oxygen Demand	mg/l	<2.0	<2.0	♦	♦
4/9/2013	A-01	B130402	EBL	Iron	mg/l	0.1678	0.1728	2.9	Yes
5/14/2013	H-12	B130501	EBL	Copper	mg/l	0.0129	0.0120	7.2	Yes
5/14/2013	H-12	B130501	EBL	Zinc	mg/l	0.0186	0.0160	15.0	Yes
5/15/2013	H-16	B130502	SES	Total Suspended Solids	mg/l	<1.0	<1.0	♦	♦
5/15/2013	H-16	B130502	SES	Biochemical Oxygen Demand	mg/l	<2.0	<2.0	♦	♦
6/4/2013	A-1A	B130602	SES	Trichloroethylene	µg/L	<2.0	<2.0	♦	♦
6/4/2013	A-1A	B130602	SES	Tetrachloroethylene	µg/L	<2.0	<2.0	♦	♦
6/4/2013	M-05	B130601	SES	Trichloroethylene	µg/L	<2.0	<2.0	♦	♦
6/4/2013	M-05	B130601	SES	Tetrachloroethylene	µg/L	<2.0	<2.0	♦	♦
7/18/2013	F-08	B130701	EBL	Lead	mg/l	<0.0020	<0.0020	♦	♦
7/18/2013	F-08	B130701	EBL	Zinc	mg/l	0.0997	0.1007	1.0	Yes
7/15/2013	H-16	B130702	SES	Cadmium	mg/l	<0.0001	<0.0001	♦	♦
7/15/2013	H-16	B130702	SES	Chromium	mg/l	<0.005	<0.005	♦	♦
7/15/2013	H-16	B130702	SES	Copper	mg/l	<0.005	<0.005	♦	♦
7/15/2013	H-16	B130702	SES	Lead	mg/l	<0.002	<0.002	♦	♦
7/15/2013	H-16	B130702	SES	Nickel	mg/l	<0.010	<0.010	♦	♦
7/15/2013	H-16	B130702	SES	Silver	mg/l	<0.005	<0.005	♦	♦
7/15/2013	H-16	B130702	SES	Zinc	mg/l	0.0050	0.0060	18.2	Yes
7/15/2013	H-16	B130702	SES	Mercury	mg/l	<0.00010	<0.00010	♦	♦
8/13/2013	H-12	B130801	EBL	Copper	mg/l	0.0119	0.0106	11.6	Yes
8/13/2013	H-12	B130801	EBL	Zinc	mg/l	0.0252	0.0207	19.6	Yes
8/8/2013	A-11	B130802	EBL	Total Suspended Solids	mg/l	<1.0	<1.0	♦	♦
8/8/2013	A-11	B130802	SES	Biochemical Oxygen Demand	mg/l	<2.0	<2.0	♦	♦
9/10/2013	H-07	B133Q01	EBL	Total Suspended Solids	mg/l	NO FLOW	NO FLOW	♦	♦
9/18/2013	F-08	B130901	EBL	Lead	mg/l	NO FLOW	NO FLOW	♦	♦
9/18/2013	F-08	B130901	EBL	Zinc	mg/l	NO FLOW	NO FLOW	♦	♦
9/18/2013	H-02	B130902	EBL	Copper	mg/l	0.0111	0.0109	1.8	Yes
9/18/2013	H-02	B130902	EBL	Lead	mg/l	<0.0020	<0.0020	♦	♦
9/18/2013	H-02	B130902	EBL	Zinc	mg/l	<0.0100	<0.0100	♦	♦
10/8/2013	M-05	B131002	SES	Trichloroethylene	µg/L	<2.0	<2.0	♦	♦
10/8/2013	M-05	B131002	SES	Tetrachloroethylene	µg/L	<2.0	<2.0	♦	♦
10/15/2013	A-1A	B131001	SES	Trichloroethylene	µg/L	<2.0	<2.0	♦	♦
10/15/2013	A-1A	B131001	SES	Tetrachloroethylene	µg/L	<2.0	<2.0	♦	♦

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Sample Date	NPDES Site	Blind Sample ID	Laboratory	Parameter	Units	Compliance Sample Value	Blind Sample Value	Relative % Difference	Relative Percent Difference (< 20 %)
11/6/2013	A-01	B131102	EBL	Total Suspended Solids	mg/l	<1.0	<1.0	♦	♦
11/5/2013	A-01	B131102	SES	Oil & Grease	mg/l	<4.8	<5.3	♦	♦
11/6/2013	A-01	B131102	SES	Biochemical Oxygen Demand	mg/l	<2.0	<2.0	♦	♦
11/6/2013	A-01	B131102	EBL	Iron	mg/l	0.1425	0.1445	1.4	Yes
11/6/2013	A-11	B131101	EBL	Total Suspended Solids	mg/l	<1.0	<1.0	♦	♦
11/6/2013	A-11	B131101	SES	Biochemical Oxygen Demand	mg/l	<2.0	<2.0	♦	♦
11/14/2013	H-02	B131103	EBL	Copper	mg/l	0.0087	0.0088	1.1	Yes
11/14/2013	H-02	B131103	EBL	Lead	mg/l	<0.0020	<0.0020	♦	♦
11/14/2013	H-02	B131103	EBL	Zinc	mg/l	<0.0100	<0.0100	♦	♦
12/12/2013	K-18	B133Q02	EBL	Total Suspended Solids	mg/l	1.0	1.0	0.0	Yes
12/12/2013	L-07	B133Q03	EBL	Total Suspended Solids	mg/l	1.0	1.0	0.0	Yes
12/23/2013	H-16	B131201	SES	Biochemical Oxygen Demand	mg/l	<2.0	<2.0	♦	♦
12/23/2013	H-16	B131201	SES	Total Suspended Solids	mg/l	<1.0	<1.0	♦	♦
12/12/2013	H-12	B131202	EBL	Copper	mg/l	0.0084	0.0082	2.4	Yes
12/12/2013	H-12	B131202	EBL	Zinc	mg/l	0.0226	0.0210	7.3	Yes