

Sample Point Description	Date	Flow	Lab pH	Alkalinity	Hot Acidity	Total Fe	Mn	Al	Sulfate	Specific Conductance	Suspend Solids
		gpm	SU	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(uS/cm)	(mg/l)
Monitoring Point of the Unnamed Tributary below EHRENFELD SMP area	12/31/08	90	4.9	6	20	0.08	0.31	4.54	114	307	13.0
	03/17/09	100	5.1	7	20	0.07	0.40	7.67	172	418	27.0
	06/16/09	90	6.3	12	10	0.16	0.35	7.08	16	479	23.0
	09/23/09	20	5.2	9	34	0.13	1.03	14.70	394	748	53.0
	11/13/09	95	6.3	19	-13	0.16	0.69	15.30	37	569	34.0
	03/31/10	100 +	5.6	7	18	0.12	0.26	4.83	103	294	14.0
	06/14/10	75	5.9	11	19	1.14	0.37	14.10	184	411	56.0

4/28/2016 - START OF EHRENFELD AML REFUSE AND AKALINE ADDITION PLACED AT THE EHRENFELD SMP SITE

Sample Point Description	Date	Flow	pH	Alkalinity	Hot Acidity	Total Fe	Mn	Al	Sulfate	Specific Conductance	Suspend Solids
		gpm	SU	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(mg/l)	(uS/cm)	(mg/l)
Monitoring Point of the Unnamed Tributary below EHRENFELD SMP area	03/26/18	500	7.0	20.6	-16.32	<0.1	0.18	2.50	104.0	362	16.0
	06/26/18	80	6.3	3.1	7.36	0.24	<0.05	0.37	19.7	113	8.0
	09/24/18	200	6.5	3.1	0.80	1.91	1.00	<0.10	17.2	125	9.0
	12/28/18	400	6.2	1.9	3.58	1.14	0.14	0.98	16.4	87	35.0
	03/27/19	100	6.2	1.9	1.99	0.16	0.05	0.14	17.9	120	36.0
	06/12/19	115	7.7	48.7	-40.60	0.85	0.11	0.82	71.3	313	30.0
	08/20/19	145	7.7	76.1	-66.27	2.07	0.15	1.49	144.9	447	61.0