

Appendix E

Water Quality Monitoring

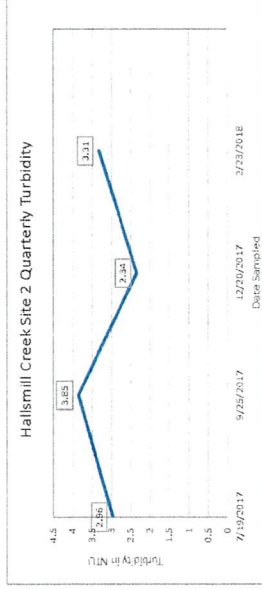
Turbidity Monitoring Data

Date	Turbidity (NTU)	Site	Quarterly	After Storm Event
7/19/2017	3.66	Hallsmill 1	Y	
9/25/2017	4.3	Hallsmill 1	Y	
10/23/2017	21.3	Hallsmill 1	N	Y
12/20/2017	3.95	Hallsmill 1	Y	
2/23/2018	4.83	Hallsmill 1	Y	



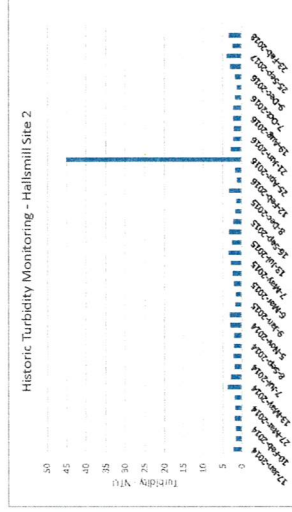
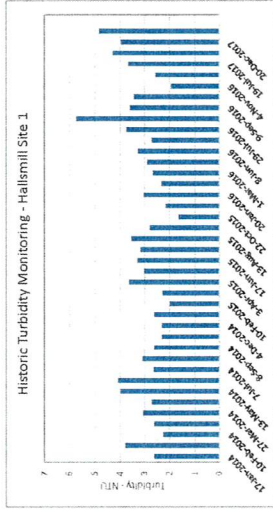
Comments:

Date	Turbidity (NTU)	Site	Quarterly	After Storm Event
7/19/2017	2.96	Hallsmill 2	Y	
9/25/2017	3.85	Hallsmill 2	Y	
10/23/2017	19.7	Hallsmill 2	N	Y
12/20/2017	2.34	Hallsmill 2	Y	
2/23/2018	3.31	Hallsmill 2	Y	



Historic Turbidity Monitoring Data

Date	Site 1 (NTU)	Date	Site 2 (NTU)
1/17/2014	2.62	1/17/2014	2.21
1/27/2014	3.77	1/27/2014	1.52
2/10/2014	2.25	2/10/2014	1.5
2/20/2014	2.61	2/20/2014	1.81
3/7/2014	3.07	3/7/2014	1.73
4/24/2014	2.71	4/24/2014	1.89
5/13/2014	3.98	5/13/2014	3.74
6/18/2014	4.07	6/18/2014	2.77
7/7/2014	2.65	7/7/2014	1.81
8/5/2014	3.1	8/5/2014	2.17
9/8/2014	2.61	9/8/2014	1.94
10/7/2014	2.86	10/7/2014	1.96
11/20/2014	2.5	11/20/2014	3.01
12/10/2014	2.1	12/10/2014	1.7
1/9/2015	2.61	1/9/2015	1.7
2/10/2015	1.98	2/10/2015	1.57
3/6/2015	2.28	3/6/2015	2.05
4/3/2015	3.63	4/3/2015	2.27
5/7/2015	3.01	5/7/2015	2.71
6/17/2015	3.28	6/17/2015	3.48
7/13/2015	3.17	7/13/2015	2.44
8/13/2015	3.53	8/13/2015	3.19
9/16/2015	2.8	9/16/2015	2.09
10/22/2015	1.64	10/22/2015	1.73
12/8/2015	2.15	12/8/2015	1.44
1/20/2016	3.04	1/20/2016	3.31
2/12/2016	2.33	2/12/2016	1.17
3/1/2016	2.66	3/1/2016	1.61
4/25/2016	2.89	4/25/2016	45.13
6/8/2016	3.27	6/8/2016	2.76
6/21/2016	2.71	6/21/2016	2.11
7/29/2016	3.72	7/29/2016	1.92
8/19/2016	3.74	8/19/2016	2.16
9/19/2016	3.67	9/19/2016	1.62
10/7/2016	3.44	10/7/2016	1.62
11/4/2016	1.95	11/4/2016	1.2
12/9/2016	2.57	12/9/2016	1.64
7/19/2017	3.66	7/19/2017	2.96
9/15/2017	4.3	9/15/2017	3.85
12/20/2017	3.95	12/20/2017	2.34
2/23/2018	4.83	2/23/2018	3.31



* Turbidity meter became faulty requiring new meter to be ordered - 1/2017 through 6/2017 resulting in 2 missing quarters.
 * Unknown source for increase in turbidity readings in April 2016 and 2018 at site 2