

ATTACHMENT A

Drift Road Stormwater Sample site location: (see map of road drainage, attached)

FECAL COLIFORM DATA RESULTS:

FIRST SAMPLE DATE: 8/25/10

Precipitation Record: rainfall amounts recorded at WRWA office with Rainwise weather station mounted on roof. **Zero inches of rain prior to onset of storm at 1 A.M.**

RAINFALL AMOUNTS

Time of Day (8/25/10)	Rainfall Total (in inches)	Change in increasing amount
1 A.M.	.02	.02
2 A.M.	.03	.01
3 A.M.	.03	0
4 A.M.	.07	.04
5 A.M.	.16	.09
6 A.M.	.32	.16
7 A.M.	.36	.04
8 A.M.	.38	.02
9 A.M.	.99	.61
10 A.M.	1.04	.05

Site	Date	samp time	air temp	prior wk Rain	Flood/ Ebb	wind force	sky cond	sample temp	Turbidity (NTU)	Salinity (PPT)	pH	FC cfu per 100 ml
HIX	6/8/11	8:05	70	0.03	E	1	PT CLDY	72	2.08	17.2	7.24	7
HIX	6/15/11	11:05	68	1.38	F	2	PT CLDY	66	1.78	20.9	7.47	32
HIX	6/22/11	7:35	70	0.93	E	0	CLDY	73	1.46	13.0	7.12	14
HIX	6/29/11	9:52	70	1.43	E	0	PT CLDY	77	1.80	18.8	7.39	2
HIX	7/6/11	8:43	68	0	E	2	FOG	78	2.56	13.2	7.25	62
HIX	7/13/11	9:52	75	1.75	E	1	CLEAR	80	2.70	20.5	7.62	4
HIX	7/27/11	8:20	70	0.44	E	1	CLEAR	79	2.57	22.1	7.79	26
HIX	8/3/11	9:38	72	0	F	2	CLEAR	80	2.74	24.2	7.61	10
HIX	8/10/11	8:48	80	3.44	E	1	PC	81	3.41	23.4	7.87	88
HIX	8/17/11	9:29	76	2.17	F	2	CLEAR	72	2.78	15.1	7.45	1590
HIX	8/24/11	7:24	60	0.05	E	0	CLEAR	74	2.47	20.6	7.73	14
HIX	9/7/11	7:28	61	1.3	E	1	RAIN	70	2.70	21.4	7.69	400

Data Table 2: WRWA Water Quality Parameters 2011 – Analysis performed by the City of New Bedford Health Department Lab for fecal coliform bacteria. Samples taken in the Westport River. FC cfu per 100 ml = analysis of fecal coliform bacteria units = colony forming units per 100 ml.

Date Collected__8/25/10__ Collected By:__R.Carvalho__ High Tides_9:02_ __21:21 Tide Conditions: Date Received__8/25/10_
 (Harbor)
 Air Temp:__69_ Wind:__NW2_ Sky:__rain__ 7d rain amount:_1.04 Height _3.3__ _3.2__ Flood /Ebb /Slack Time
 Received_11:55__

Sample ID	Lab SampID	Sample time	Temp (F)	Fecal Coliform test mL amount	Fecal Coliform per plate	Fecal Coliform per 100 ml	Turbidit (NTU)	NBDOH Salinity (PPT)	pH	Comments
DRC	0810-411	9:18	67	0.1	26	26,000	4.99	0.0	7.56	Drift Road -Slough runoff end of cement into stream -high flow
DRP	0810-412	9:22	67	0.1	26	26,000	4.1	0.1	8.56	Drift Road -pipe discharge from culvert into slough -high flow
STB	0810-413	9:26	68	1.0	45	4,500	2.01	0.1	7.08	Sam Tripp Brook upstream

Data Table 1: WRWA Water Quality sampling at MS4 in 2012 – Analysis performed by the City of New Bedford Health Department Lab for fecal coliform bacteria. FC cfu per 100 ml = analysis of fecal coliform bacteria units = colony forming units per 100 ml.