# Stormwater Report for Catchment: ONB1002PI

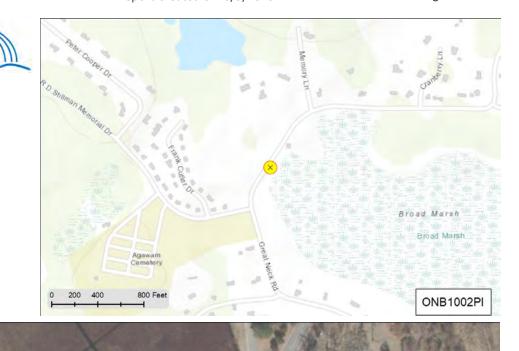
BBSC

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

Pollutants: Estuarine Bioassessments, Fecal Coliform Pipe: NEP Project: No Jrbanized: Yes Gewered: Nventory Date No Flow Observations Rating by Weather (0-5): Net : No Data	2018 M	assachusetts Integrated Listed Water
Pollutants: Estuarine Bioassessments, Fecal Coliform Pipe: SNEP Project: No Urbanized: Yes Sewered: nventory Date 0 No Flow Observations Rating by Weather (0-5): Net : No Data Dry : 0	Discharge to tril	outary of Onset Bay
Pipe:	MA95-02	Catagory 5 Estuary
SNEP Project: No   Jrbanized: Yes   Sewered:	Pollutants: Estu	arine Bioassessments, Fecal Coliform
Jrbanized: Yes Gewered: nventory Date 0 No Flow Observations Rating by Weather (0-5): Net : No Data Dry : 0	Pipe:	
Jrbanized: Yes Gewered: nventory Date 0 No Flow Observations Rating by Weather (0-5): Net : No Data Dry : 0	SNEP Project:	No
No Flow Observations     Rating by Weather (0-5):     Net : No Data   Ory : 0		Yes
0 No Flow Observations Rating by Weather (0-5): Net : No Data Dry : 0	Sewered:	;
Rating by Weather (0-5): Net : No Data Dry : 0	Inventory Date	
Vet : No Data	0 No Flow O	oservations
	Wet : No Data Dry : 0	
	Recommedation	





Status and Recommendation based on the opinion of the BBNEP.

Status:

# Stormwater Report for: ONB1002PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
WA23MAR01-A-D	3/23/2023	ONB1002PI	pipe	9 hrs	0.08 in	none	7.63	11.6 C	0.21 ppt	0.25 ppm	0 ppb	0 ppm	0.25 ppm
WA23MAR01-A	3/23/2023	ONB1002PI	pipe	9 hrs	0.08 in	none	8.82	11.3 C	0.23 ppt	0.5 ppm	147 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
WA23MAR01-A-D		10										
WA23MAR01-A		20										

# Stormwater Report for Catchment: ONB1004PI

### Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

	assachusetts Integrated Listed Water
MA95-02	butary of Onset Bay
	Catagory 5 Estuary
Pollutants: Estu	arine Bioassessments, Fecal Coliform
Pipe:	
SNEP Project:	No
Urbanized:	Yes
Sewered:	
Inventory Date	
0 No Flow O	bservations
Rating by Wea	ther (0-5):
Wet: 4	
Dry: No Data	or No Flow
Recommnedati	on:



MS4 Ranking: Low Priority Outfall

Status:

Status and Recommendation based on the opinion of the BBNEP.

# Stormwater Report for: ONB1004PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA06SEP04-A-D	9/6/2022	ONB1004PI	pipe	0 hrs	1.69 in	none	6.72	21.4 C	1.54 ppt	0.5 ppm	0 ppb	1.76 ppm	0.75 ppm
2WA06SEP04-A	9/6/2022	ONB1004PI	pipe	0 hrs	1.69 in	none	6.70	21.5 C	1.47 ppt	0.5 ppm	19 ppb	2.64 ppm	0.5 ppm

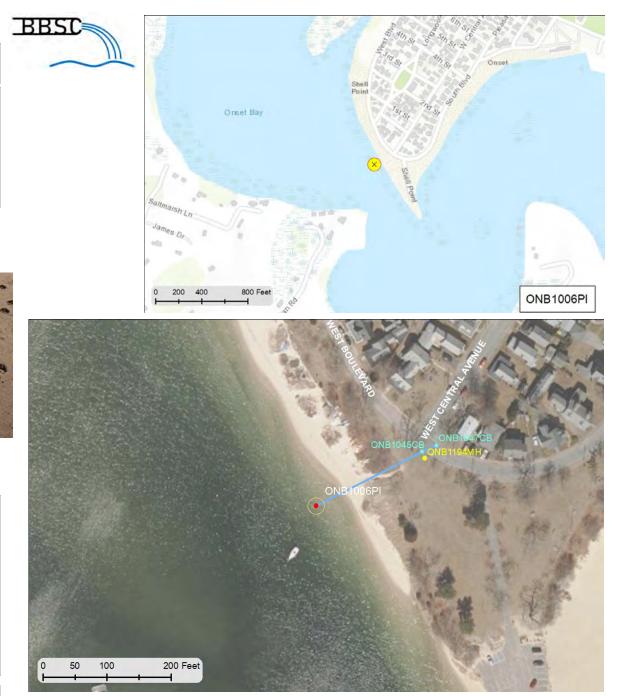
SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA06SEP04-A-D		26000										
2WA06SEP04-A		10000										

# Stormwater Report for Catchment: ONB1006PI

Report Created on: 8/9/2023

# in the Town of Wareham

2018 N	Aassachusetts Integrated Listed Water
Discharge to tr	ributary of Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Est	uarine Bioassessments, Fecal Coliform
Pipe: Circul	ar 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	e 4/13/2016
4 No Flow (	Observations
Rating by We	ather (0-5):
Wet : No Data	
Dry : No Data	
	The second devices and the second sec
Recommnedat	tion:



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1006PI

Page 2 of 2

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP04-S	9/28/2016	ONB1045CB	sump	22 hrs	0.39 in	none	6.95	19.6 C	0.03 ppt	0.25 ppm		0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP04-S	1000											

# Stormwater Report for Catchment: ONB1007PI

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

West Blvd	
2018 Massachusetts Integrated Listed Water	
Discharge to tributary of Onset Bay	
MA95-02 Catagory 5 Estuary	
Pollutants: Estuarine Bioassessments, Fecal Coliform	
Pipe:	
SNEP Project: No	
Urbanized: Yes	
Sewered:	
Inventory Date	
0 No Flow Observations	
Rating by Weather (0-5):Wet :2Dry :No Data or No Flow	
Recommnedation:	
MS4 Panking: UL Latin a stat	
MS4 Ranking: High Priority Outfall Status:	



# Stormwater Report for: ONB1007PI

Page 2 of 2

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA06SEP03-A	9/6/2022	ONB1054CB	sump	0 hrs	1.61 in	Waste	7.21	20.9 C	0.01 ppt	0.25 ppm	10 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA06SEP03-A	1	.000										

# Stormwater Report for Catchment: ONB1008PI

Report Created on: 8/9/2023

# in the Town of Wareham

South Boulevar	d
2018 N	lassachusetts Integrated Listed Water
Discharge dire	ctly to Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Est	uarine Bioassessments, Fecal Coliform
Pipe: Circul	ar 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/13/2016
4 No Flow 0	Observations
Rating by We	ather (0-5):
Wet: 2	
Dry: No Data	or No Flow

### **Recommnedation:**

ONB1059CB is a flow splitter for the infiltration structures (IS). The 3 MHs adjacent to the CB are access to the IS. Concern is with the high bact concentrations in the CB sump. Recommend: Need to determine if the IS are functioning correctly and being maintained. This sytem should be a HIGH PRIORITY for wet weather sampling. Details should be recorded as to the functionality of the overall system. ONB Impair: Bact, N



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1008PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP05-S-D	9/28/2016	ONB1059CB	sump	23 hrs	0.39 in	none	6.83	19.2 C	0.01 ppt	0.25 ppm		0.88 ppm	0.125 ppm
6WA28SEP05-S	9/28/2016	ONB1059CB	sump	23 hrs	0.39 in	none	6.98	19.2 C	0.01 ppt	0.25 ppm		0.88 ppm	0.125 ppm
6WA03OCT04-S	10/3/2016	ONB1059CB	sump	45 hrs	0.08 in	none	7.74	18.8 C	0.01 ppt	0.25 ppm		0.44 ppm	0 ppm
6WA05OCT04-S	10/5/2016	ONB1059CB	sump	93 hrs	0 in	none	8.30	18.5 C	0.02 ppt	0.25 ppm		0.44 ppm	0.125 ppm
9WA11JUN04-A	6/11/2019	ONB1008PI	pipe	0 hrs	1.23 in	none	5.80	19.8 C	0.8 ppt	0.5 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP05-S-D	10000											
6WA28SEP05-S	14000											
6WA03OCT04-S	20000											
6WA05OCT04-S	9000											
9WA11JUN04-A	19000											

# Stormwater Report for Catchment: ONB1010PI

BBS

50

Report Created on: 8/9/2023

# in the Town of Wareham

	assachusetts Integrated Listed Water
Discharge direc	tly to Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Estu	arine Bioassessments, Fecal Coliform
Pipe: Circula	r 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/13/2016
5 No Flow C	bservations
Rating by Wea	ther (0-5):
Wet : 2	and the second
Dry : No Data	or No Flow

# 800 Feet 200 400 **ONB1010PI ONB1010PI** 200 Feet 100

### **Recommnedation:**

ONB1068CB is a flow splitter for the infiltration structures (IS). The 4 MHs adjacent to the CB are access to the IS. Concern is with the slightly high bact concentrations in the CB sump. Recommend: Need to determine if the IS are functioning correctly and being maintained. This sytem should be a HIGH PRIORITY for wet weather sampling. Details should be recorded as to the functionality of the overall system. ONB Impair: Bact, N

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1010PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP06-S	9/28/2016	ONB1068CB	sump	23 hrs	0.39 in	none	6.33	19.7 C	0.02 ppt	0.25 ppm		0 ppm	0.125 ppm
6WA03OCT05-S	10/3/2016	ONB1068CB	sump	45 hrs	0.08 in	none	6.73	19.7 C	0.02 ppt	0.25 ppm		0 ppm	0.125 ppm
9WA11JUN03-A	6/11/2019	ONB1010PI	pipe	0 hrs	1.24 in	none	5.88	20.2 C	0.53 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP06-S	3800											
6WA03OCT05-S	1300											
9WA11JUN03-A	17000											

# Stormwater Report for Catchment: ONB1012PI

BBS

Report Created on: 8/9/2023

East Riv

# in the Town of Wareham

Discharge directly MA95-02 Pollutants: Estuar	Catagory 5 Estuary
MA95-02 Pollutants: Estuar	Catagory 5 Estuary
Pollutants: Estuar	
Pipe: Circular 1	ine Bioassessments, Fecal Coliform
Pipe: Circular 1	
	12 inch Corrugated Metal
SNEP Project: Ye	25
Urbanized: Ye	25
Sewered: Ye	25
Inventory Date	4/13/2016
4 No Flow Obs	ervations
	and the sea of
Rating by Weath	er (0-5):
Wet : 2 Dry : No Data or	



### Recommnedation:

ONB1076CB is a flow splitter for the infiltration structures (IS). The 4 MHs adjacent to the CB are access to the IS. Although the bact concentrations in the CB sump are not too high, these IS should be investigated similar to IS associated with ONB1008PI and ONB1010PI. Recommend: Need to determine if the IS are functioning correctly and being maintained. This sytem should be a HIGH PRIORITY for wet weather sampling. Details should be recorded as to the functionality of the overall system. ONB Impair: Bact, N

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1012PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP07-S	9/28/2016	ONB1076CB	sump	23 hrs	0.39 in	none	6.36	19.3 C	0.02 ppt	0.25 ppm		0.88 ppm	0.25 ppm
6WA03OCT06-S	10/3/2016	ONB1076CB	sump	45 hrs	0.08 in	none	6.65	19.3 C	0.01 ppt	0.3 ppm		0 ppm	0.125 ppm
6WA05OCT05-S	10/5/2016	ONB1076CB	sump	93 hrs	0 in	none	7.02	18.6 C	0.02 ppt	0.2 ppm		0 ppm	0.5 ppm
9WA11JUN05-A	6/11/2019	ONB1012PI	pipe	0 hrs	1.32 in	none	5.89	19.6 C	0.64 ppt	0.5 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP07-S	1400											
6WA03OCT06-S	600											
6WA05OCT05-S	< 100											
9WA11JUN05-A	46000											

# Stormwater Report for Catchment: ONB1016PI

BBS

Report Created on: 8/9/2023

# in the Town of Wareham

Onset Avenue	
2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Est	uarine Bioassessments, Fecal Coliform
Pipe: Circu	ar 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/13/2016
3 No Flow (	Dbservations
Rating by We	ather (0-5):
Wet: 3	
Dry : No Data	or No Flow

The samples from ONB1015MH have all been brackish, the next upstream MH (ONB1016MH) has a sediment filter that affects sample collection. Recommend (DW): Continue to monitor the pipe.

WW: Determine the flow characteristics of both the of the parkinging lot and Onset Ave. (at least two drainnge systems). Monitor the next upstream structures. ONB Impair: Bact, N

# A Conset Ave East River Conset Ave East River CONB1016PI



MS4 Ranking: High Priority Outfall

**Recommnedation:** 

Status: Evaluation Not Complete

# Stormwater Report for: ONB1016PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP03-S	9/28/2016	ONB1015MH	sump	22 hrs	0.39 in	none	7.28	19.5 C	> 10 ppt	0.25 ppm		1.76 ppm	2 ppm
6WA03OCT03-S	10/3/2016	ONB1015MH	sump	45 hrs	0.16 in	none	7.58	18.3 C	> 10 ppt	0.25 ppm		3.52 ppm	2 ppm
6WA05OCT03-S	10/5/2016	ONB1015MH	sump	92 hrs	0 in	none	7.64	17.7 C	> 10 ppt	0.25 ppm		1.32 ppm	2 ppm
9WA14MAY03-A	5/14/2019	ONB1016PI	pipe	1 hrs	1.07 in	none		13.8 C	2.04 ppt	0.5 ppm	0 mg/l	2.64 ppm	1 ppm
9WA11JUN02-A	6/11/2019	ONB1016PI	surface	0 hrs	1.23 in	none	6.24	20.3 C	2.91 ppt	0.25 ppm	0 mg/l	0 ppm	1 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP03-S	500											
6WA03OCT03-S	800											
6WA05OCT03-S	500											
9WA14MAY03-A	1220											
9WA11JUN02-A	6800											

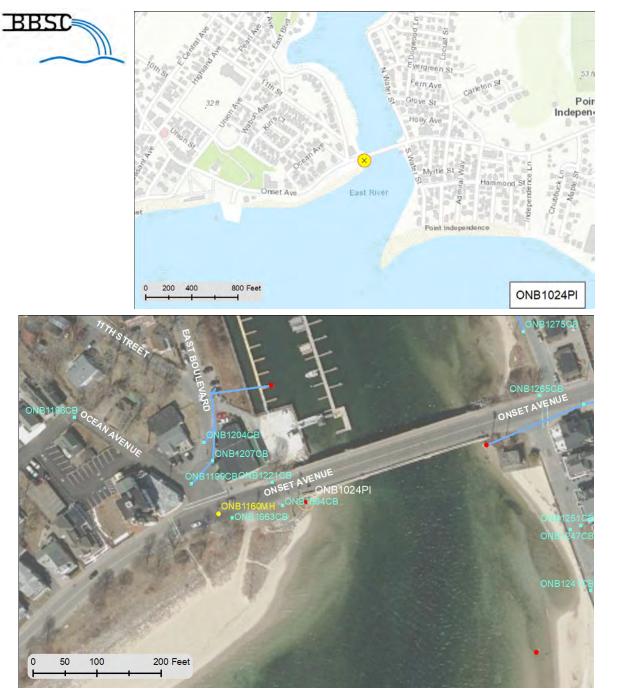
# Stormwater Report for Catchment: ONB1024PI

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

2018 M	assachusetts Inte	egrated Listed Water
Discharge to tril	butary of Onset Ba	У
MA95-02	Catagory 5 Estu	ary
Pollutants: Estu	arine Bioassessme	nts, Fecal Coliform
Pipe: Circula	r 10 inch Clay	
SNEP Project:	No	A STATELAND
Jrbanized:	Yes	
Sewered:		
nventory Date	5/5/2016	
0 No Flow O	bservations	
Rating by Wea	ther (0-5):	
Wet: 4 Dry: No Data	or No Flow	
Jiy. NU Dala		
Recommnedatio	on:	



Status and Recommendation based on the opinion of the BBNEP.

MS4 Ranking: High Priority Outfall

Status:

# Stormwater Report for: ONB1024PI

### **Field Results**

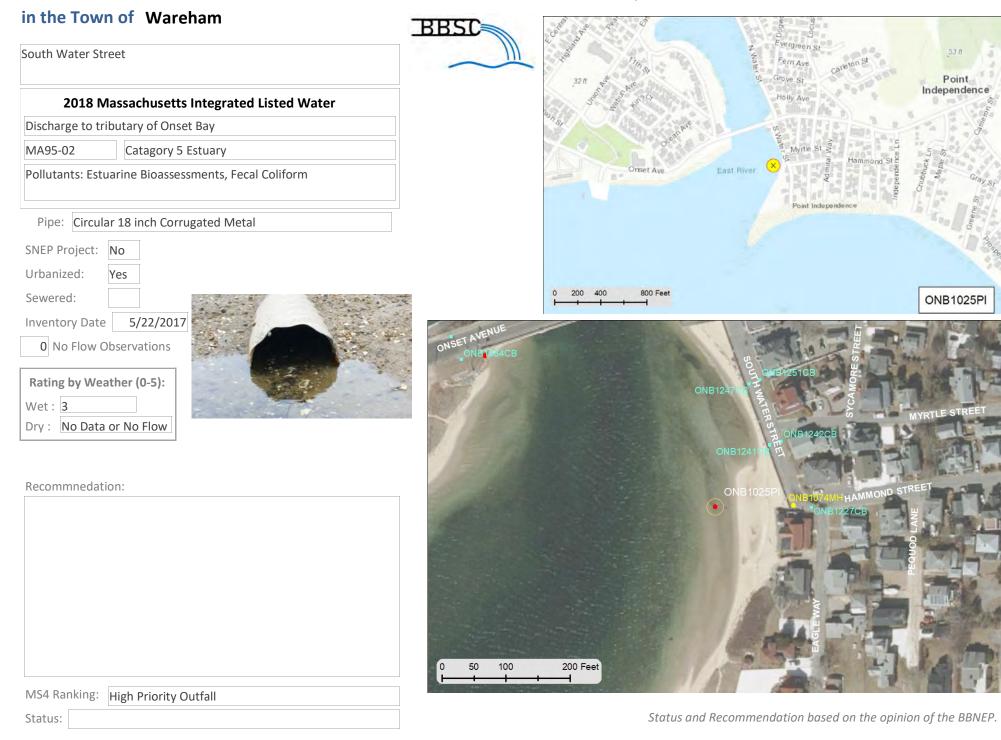
SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA11AUG03-A	8/11/2022	ONB1024PI	pipe	0 hrs	0.95 in	none	6.92	24.5 C	0.15 ppt	0.25 ppm		1.76 ppm	1.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA11AUG03-A		29000										

# Stormwater Report for Catchment: ONB1025PI

Report Created on: 8/9/2023

Page 1 of 2



# Stormwater Report for: ONB1025PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA11AUG02-A	8/11/2022	ONB1025PI	pipe	0 hrs	0.93 in	none	7.01	25.2 C	1.15 ppt	0.25 ppm		1.76 ppm	1 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA11AUG02-A		10000										

# Stormwater Report for Catchment: ONB1036PI

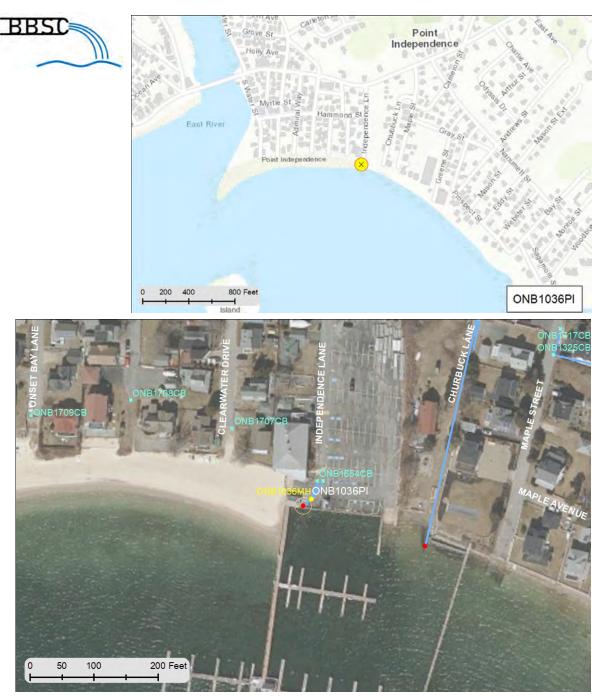
### Report Created on: 8/9/2023

# in the Town of Wareham

Independence L	ane
2018 N	lassachusetts Integrated Listed Water
Discharge dired	tly to Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Est	uarine Bioassessments, Fecal Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	
2 No Flow C	Observations
Rating by Wea	ather (0-5):
Wet : 2	
Dry: No Data	or No Flow

### Recommnedation:

ONB1654CB (and probably ONB1289CB) are brackish. Recommend checking for other structures (MH,CB), monitor the next upstream structure for WW and DW. If none exist monitor drainage (WW only) from the surface of the parking lot adjacent ONB1654CB and ONB1289CB and note this is a parking lot surface sample on data sheet. ONB Impair: Bact, N



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1036PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP02-S	9/28/2016	ONB1654CB	sump	22 hrs	0.39 in	none	7.40		> 10 ppt	0.25 ppm		0 ppm	2 ppm
6WA03OCT02-S	10/3/2016	ONB1654CB	sump	44 hrs	0.16 in	none	7.42	18.4 C	> 10 ppt	0.25 ppm		0 ppm	2 ppm
6WA05OCT02-S	10/5/2016	ONB1654CB	sump	92 hrs	0 in	none	7.57	16.8 C	> 10 ppt	0.3 ppm		0 ppm	3 ppm
9WM23OCT01-A	10/23/2019	ONB1654CB	surface	0 hrs	1.07 in	none	8.22	18.7 C	0.03 ppt	0 ppm	52 ppb	0 ppm	0.25 ppm

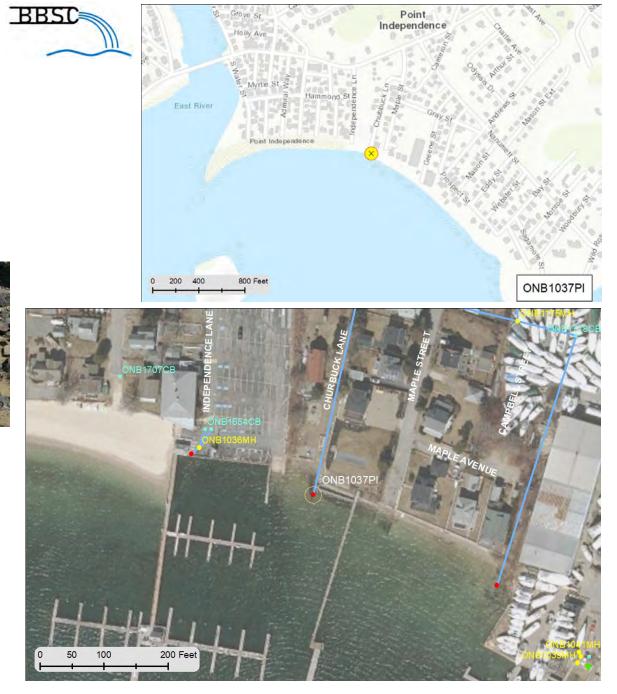
SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP02-S	13000											
6WA03OCT02-S	79000											
6WA05OCT02-S	600											
9WM23OCT01-A	12300											

# Stormwater Report for Catchment: ONB1037PI

Report Created on: 8/9/2023

# in the Town of Wareham

Churbuck Lane	
2018 Mas	ssachusetts Integrated Listed Water
Discharge directly	to Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Estuar	ine Bioassessments, Fecal Coliform
Pipe: Circular 2	16 inch Transite
SNEP Project: Ye	25
Urbanized: Ye	25
Sewered: Ye	25
Inventory Date	4/6/2016
4 No Flow Obs	ervations
Dating by Maath	
Rating by Weath	
Wet : 5 Dry : No Data or	No Flow
Dry . NO Data Of	
Recommnedation	:
	ssues. WW: No samples collected. Recommend: les for evaluation. ONB Impair: Bact, N



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1037PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA06SEP12-S	9/6/2016	ONB1052MH	sump	13 hrs	0.63 in	none	6.39	25.2 C	0.23 ppt	0 ppm		2.64 ppm	0.25 ppm
9WA11JUN01-A	6/11/2019	ONB1037PI	pipe	0 hrs	0.96 in	none	6.78	20.2 C	0.74 ppt	0.25 ppm	0 mg/l	0.88 ppm	0.5 ppm
9WA23AUG04-A	8/23/2019	ONB1037PI	pipe	0 hrs	0.13 in	Dead Crabs	7.20	21.5 C	0.17 ppt	1 ppm	0.05 mg/l	0.88 ppm	1.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA06SEP12-S	3900											
9WA11JUN01-A	21000											
9WA23AUG04-A	80000											

# Stormwater Report for Catchment: ONB1038PI

BBS

### Report Created on: 8/9/2023

Page 1 of 2

Fiet

# in the Town of Wareham

2019 1	lesseshusetts Integrated Listed Water
	lassachusetts Integrated Listed Water tly to Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Estu	uarine Bioassessments, Fecal Coliform
Pipe: Circula	ar 12 inch HDPE
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/6/2016
7 No Flow C	observations
Rating by Wea	ather (0-5):
Wet: 3	
Dry : No Data	or No Flow

### Recommnedation:

DW: no flow, no issues. WW: No samples collected. Recommend: Collect WW samples for evaluation. ONB Impair: Bact, N



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1038PI

Page 2 of 2

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рΗ	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA23AUG05-A	8/23/2019	ONB1038PI	surface	0 hrs	0.13 in	none	7.26	22.4 C	5.32 ppt	0.5 ppm	0 mg/l	0 ppm	0.75 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA23AUG05-A	44000											

# Stormwater Report for Catchment: ONB1041PI

### Report Created on: 8/9/2023

# in the Town of Wareham

lorth Water Street	-
2018 Massachusetts Integrated Listed Water	
Discharge to tributary of Onset Bay	
MA95-02 Catagory 5 Estuary	
Pollutants: Estuarine Bioassessments, Fecal Coliform	
Pipe: Circular 12 inch Concrete	
SNEP Project: No	
Jrbanized: Yes	
Sewered:	A STATE
nventory Date 5/19/2022	
0 No Flow Observations	
Rating by Weather (0-5):	
Net : 3	
Dry : No Data or No Flow	335
Recommnedation:	
	T SA
	1520
	m
	AST
	aoul
	0

Wellington Rd Blue be rry Rd Upland Rd North Boulevan 53 ft A ms Point NOVE S Independen Holly Av Onset Ave. East River 800 Feet 0 200 400 ONB1041PI



Status and Recommendation based on the opinion of the BBNEP.

Status:

MS4 Ranking:

High Priority Outfall

# Stormwater Report for: ONB1041PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WM22AUG03-A	8/22/2022	ONB1041PI	pipe	0 hrs	0.07 in	none	6.85	24.5 C	0.09 ppt	0.25 ppm	25 ppb	3.52 ppm	

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WM22AUG03-A		73000										

# Stormwater Report for Catchment: ONB1042PI

BBS

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

Sagamore Stree	t
2018 N	lassachusetts Integrated Listed Water
Discharge direc	tly to Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Estu	arine Bioassessments, Fecal Coliform
Pipe: Circula	ar 12 inch Clay
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/6/2016
5 No Flow C	ubservations
Rating by Wea	ither (0-5):
Wet: 2	
Dry: No Data	Or NO FIOW

# Onset Bay Onse 800 Feet 200 400 Island ONB1042PI 200 Feet 100 50

### Recommnedation:

For the most part the DW samples do not appear to be an issue, although Bact was found to be high in sump on 9/6/16. Recommend: DW continue to monitor, take sample if there is evidence of flow, if stagnant make a note on data sheet "No flow in sump". WW: Collect WW samples for evaluation. ONB Impair: Bact, N

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: ONB1042PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA06SEP09-S	9/6/2016	ONB1318CB	sump	12 hrs	0.63 in	none	6.60	22.5 C	0.09 ppt	0.25 ppm		0.88 ppm	1.5 ppm
9WM23OCT02-A	10/23/2019	ONB1318CB	sump	0 hrs	1.1 in	none	6.88	19.7 C	0.02 ppt	0 ppm	120 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA06SEP09-S	40000											
9WM23OCT02-A	9400											

# Stormwater Report for Catchment: ONB1043PI

### Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

	Iassachusetts Integrated Listed Water ibutary of Onset Bay	
MA95-02	Catagory 5 Estuary	
Pollutants: Est	uarine Bioassessments, Fecal Coliform	
Pipe: Circul	ar 12 inch Concrete	
SNEP Project:	No	
Urbanized: Sewered: Inventory Date 0 No Flow ( Rating by We	Dbservations	
Wet : 4 Dry : No Data	or No Flow	
Recommnedat	ion	



MS4 Ranking: High Priority Outfall

Status:

Status and Recommendation based on the opinion of the BBNEP.

# Stormwater Report for: ONB1043PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WM22AUG04-A	8/22/2022	ONB1043PI	pipe	0 hrs	0.07 in	none	6.27	23.9 C	0.22 ppt	0.25 ppm	36 ppb	2.64 ppm	0.75 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WM22AUG04-A		140000										

# Stormwater Report for Catchment: ONB1050PI

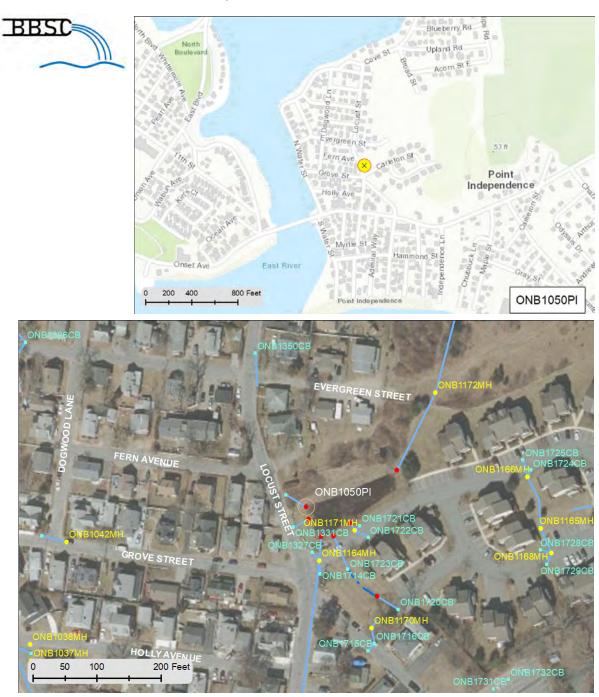
Report Created on: 8/9/2023

# in the Town of Wareham

2018 Ma	ssachusetts Integrated Listed Water
Discharge to wat	ershed of Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Estua	rine Bioassessments, Fecal Coliform
Pipe: Circular	8 inch PVC
SNEP Project: N	lo
Urbanized: Y	es
Sewered:	
Inventory Date	7/13/2022
0 No Flow Ob	servations
Rating by Weat Wet : 3 Dry : No Data o	
Recommnedatio	n:

MS4 Ranking: Low Priority Outfall

Status:



# Stormwater Report for: ONB1050PI

Page 2 of 2

### **Field Results**

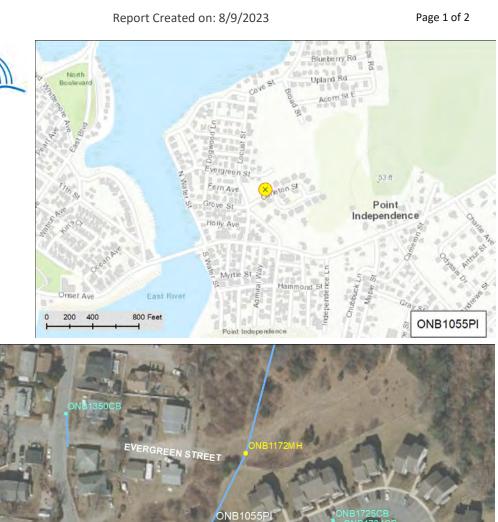
SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA22AUG03-A	8/22/2022	ONB1050PI	pipe	0 hrs	0.41 in	none	6.87	23 C	0.01 ppt	0.25 ppm	16 ppb	1.76 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA22AUG03-A		24000										

# Stormwater Report for Catchment: ONB1055PI

# in the Town of Wareham

Carlton Street	_
2018 Massachusetts Integrated Listed Water	]
Discharge to watershed of Onset Bay	
MA95-02 Catagory 5 Estuary	
Pollutants: Estuarine Bioassessments, Fecal Coliform	
Pipe: Circular 12 inch HDPE	
SNEP Project: No	
Urbanized: Yes	
Sewered:	
Inventory Date 7/15/2022	
0 No Flow Observations	
Rating by Weather (0-5):   Wet :   3   Dry :   No Data or No Flow	1
Recommnedation:	FERNA
	C THE
	1
	GROVE ST
	0 50
MS4 Ranking: Low Priority Outfall	



DNB1335C

200 Feet

IB1171

Status:

Status and Recommendation based on the opinion of the BBNEP.

# Stormwater Report for: ONB1055PI

Page 2 of 2

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA22AUG01-A	8/22/2022	ONB1055PI	pipe	0 hrs	0.32 in	none	9.25	23.5 C	0.09 ppt	0 ppm	0.05 ppb	1.76 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA22AUG01-A		33000										

## Stormwater Report for Catchment: ONB1057PI

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

	assachusetts Integrated Listed Water
Discharge to trib	utary of Onset Bay
MA95-02	Catagory 5 Estuary
Pollutants: Estua	arine Bioassessments, Fecal Coliform
Pipe: 16 inch	1
SNEP Project:	No
Jrbanized:	′es
Sewered:	
nventory Date	
0 No Flow Ob	servations
Rating by Weat Wet : 4 Dry : No Data c	
Recommnedatio	n:



Status:

MS4 Ranking:

High Priority Outfall

# Stormwater Report for: ONB1057PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA26OCT02-C	10/26/2022	ONB1086MH	sump	0 hrs	0.4 in	none	7.03	17.1 C	0.01 ppt	0 ppm	49 ppb	0.88 ppm	0.25 ppm
2WA26OCT02-A	10/26/2022	ONB1086MH	sump	0 hrs	0.4 in	none	7.35	17 C	0.01 ppt	0.5 ppm	19 ppb	0.88 ppm	0.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA26OCT02-C		32000										
2WA26OCT02-A		24000										

## Stormwater Report for Catchment: ONB1060PI

Report Created on: 8/9/2023

ONB1178MH

**NB1697CB** 

200 Feet

100

50

UPLAND ROAD

ONB1410C

## in the Town of Wareham

Cove Street	-
2018 Massachusetts Integrated Listed Water	
Discharge to tributary of Onset Bay	]
MA95-02 Catagory 5 Estuary	]
Pollutants: Estuarine Bioassessments, Fecal Coliform	
Pipe: Circular 15 inch Corrugated Metal	1
SNEP Project: No	
Urbanized: Yes	D.
Sewered:	2
Inventory Date 5/19/2022	
0 No Flow Observations	
Rating by Weather (0-5):	
Wet : 4	1th
Dry : No Data or No Flow	8.
Recommnedation:	



MS4 Ranking: High Priority Outfall

Status:

Status and Recommendation based on the opinion of the BBNEP.

NB140

# Stormwater Report for: ONB1060PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA11AUG01-A	8/11/2022	ONB1060PI	pipe	0 hrs	0.91 in	none	7.55	23.6 C	0.75 ppt	0.25 ppm		2.64 ppm	0.5 ppm

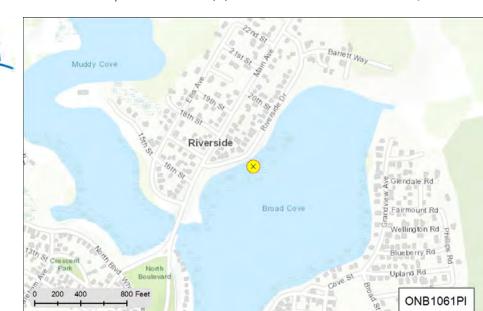
SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA11AUG01-A		640000										

## Stormwater Report for Catchment: ONB1061PI

Report Created on: 8/9/2023

## in the Town of Wareham

Riverside Drrive	2	1.16
2018 N	Aassachusetts Integrated Listed Water	
Discharge to tr	ibutary of Onset Bay	
MA95-02	Catagory 5 Estuary	
Pollutants: Est	uarine Bioassessments, Fecal Coliform	
Pipe: Circul	ar 10 inch Corrugated Metal	
SNEP Project:	No	
Urbanized:	Yes	1. Carl
Sewered:		
Inventory Date	e 12/1/2022	
0 No Flow (	Dbservations	
		1
Rating by We	ather (0-5):	
Wet: 3		
Dry : No Data	a or No Flow	
Recommnedat	ion:	Y
		3
		and the second
		5
		2
		2
		0





Status and Recommendation based on the opinion of the BBNEP.

Status:

# Stormwater Report for: ONB1061PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA26OCT01-A	10/26/2022	ONB1414CB	sump	0 hrs	0.11 in	Waste	8.55	18 C	0.07 ppt	0 ppm	41 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA26OCT01-A		25000										

## Stormwater Report for Catchment: ONB1062PI

Report Created on: 8/9/2023

## in the Town of Wareham



MS4 Ranking: High Priority Outfall

Status:

Status and Recommendation based on the opinion of the BBNEP.

# Stormwater Report for: ONB1062PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA22AUG04-A	8/22/2022	ONB1062PI	pipe	0 hrs	0.49 in	none	8.30	22.8 C	0.03 ppt	0.25 ppm	27 ppb	0.88 ppm	0.25 ppm

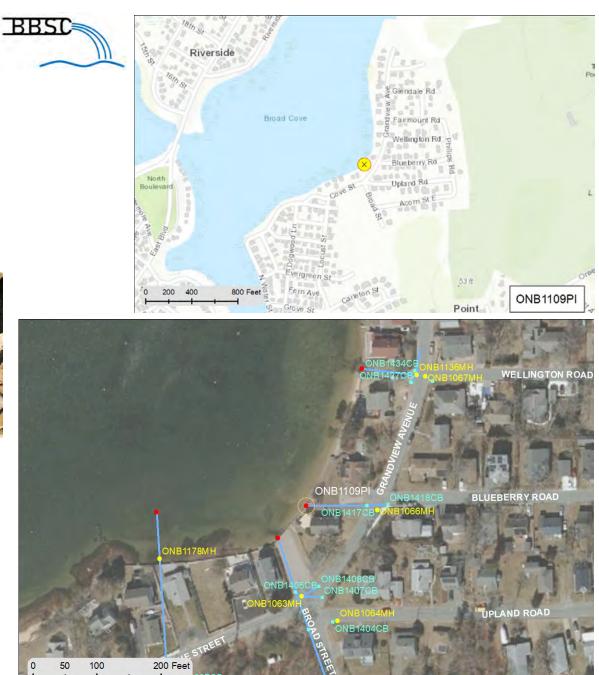
SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA22AUG04-A		14000										

## Stormwater Report for Catchment: ONB1109PI

Report Created on: 8/9/2023

## in the Town of Wareham

Grandview Avenue
2018 Massachusetts Integrated Listed Water
Discharge to tributary of Onset Bay
MA95-02 Catagory 5 Estuary
Pollutants: Estuarine Bioassessments, Fecal Coliform
Pipe: Circular 12 inch Corrugated Metal
SNEP Project: No
Urbanized: Yes
Sewered:
Inventory Date 5/19/2022
0 No Flow Observations
Rating by Weather (0-5):
Wet : 4
Dry : No Data or No Flow
Deserves a detion
Recommnedation:



MS4 Ranking: High Priority Outfall

Status:

Status and Recommendation based on the opinion of the BBNEP.

# Stormwater Report for: ONB1109PI

Page 2 of 2

#### **Field Results**

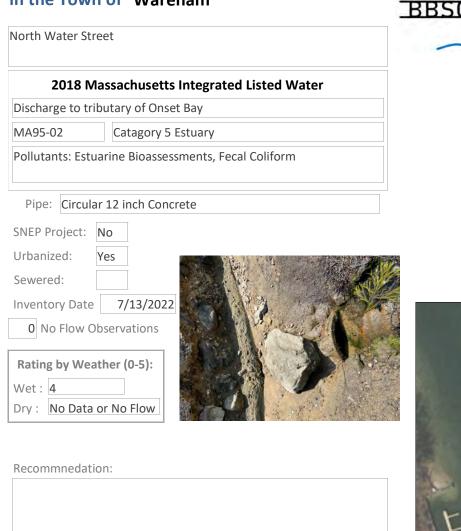
SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WM22AUG01-A	8/22/2022	ONB1109PI	pipe	0 hrs	0.07 in	none	8.45	23.7 C	0.06 ppt	0.25 ppm	22 ppb	3.52 ppm	0.75 ppm

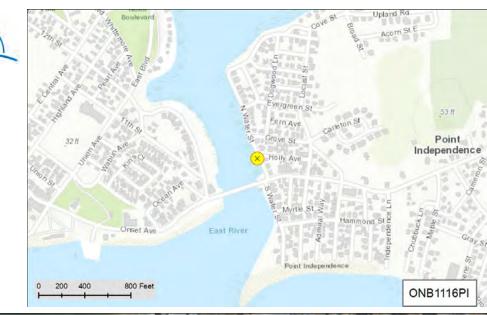
SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WM22AUG01-A		54000										

## Stormwater Report for Catchment: ONB1116PI

#### Report Created on: 8/9/2023









MS4 Ranking: High Priority Outfall

Status:

# Stormwater Report for: ONB1116PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WM22AUG02-A	8/22/2022	ONB1116PI	pipe	0 hrs	0.07 in	none	7.31	24.4 C	0.47 ppt	0.25 ppm	119 ppb	2.64 ppm	1.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WM22AUG02-A		30000										

## Stormwater Report for Catchment: WBB1013PI

BBSC

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

2018 M	assachusetts Integrated Listed Water
Discharge direc	tly to Buttermilk Bay
MA95-01	Catagory 5 Estuary
	arine Bioassessments, Nutrient/Eutrophication ators, Fecal Coliform
Pipe: Circula	r 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	3/7/2016
6 No Flow O	bservations
Rating by Wea	ther (0-5):
Wet: 3	

#### Recommnedation:

DW: No flow, no issues. WW: Recommend collecting samples for evaluation (none collected). BB Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1013PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA13JUN05-A	6/13/2019	WBB1013PI	pipe	0 hrs	0.35 in	none	8.24	17.3 C	0.02 ppt	0.25 ppm	0 mg/l	0.88 ppm	0.25 ppm
9WA12JUL03-A	7/12/2019	WBB1013PI	pipe	0 hrs	3.17 in	none	7.48	24.5 C	0.01 ppt	0.25 ppm	0 mg/l	1.76 ppm	0.25 ppm
9WA23JUL03-A	7/23/2019	WBB1013PI	pipe	0 hrs	2.3 in	none	7.60	22.7 C	0.01 ppt	0.25 ppm	0 mg/l	0.88 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA13JUN05-A	2200											
9WA12JUL03-A	12300											
9WA23JUL03-A	30000											

## Stormwater Report for Catchment: WBB1014PI

Report Created on: 8/9/2023

## in the Town of Wareham

Jefferson Shor	e Road
2018	Massachusetts Integrated Listed Water
Discharge dire	ectly to Buttermilk Bay
MA95-01	Catagory 5 Estuary
	tuarine Bioassessments, Nutrient/Eutrophication cators, Fecal Coliform
Pipe: Circu	lar 12 inch PVC
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Dat	e 4/27/2016
6 No Flow	Observations
Rating by We	eather (0-5):
Wet: 2	and the second s
Dry : No Dat	a or No Flow

#### Recommnedation:

DW: No flow, no issues. WW: Recommend collecting samples for evaluation (none collected). BB Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1014PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA13JUN03-A	6/13/2019	WBB1014PI	pipe	0 hrs	0.36 in	none	7.33	17.4 C	0.02 ppt	0.25 ppm	0 mg/l	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA13JUN03-A	8400											

## Stormwater Report for Catchment: WBB1015PI

#### Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Buttermilk Bay
MA95-01	Catagory 5 Estuary
	uarine Bioassessments, Nutrient/Eutrophication cators, Fecal Coliform
Pipe: Circul	ar 18 inch Concrete
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	5/5/2016
7 No Flow (	Dbservations
Rating by We	ather (0-5):
Wet : 2	
Dry: No Data	or No Flow

#### Recommnedation:

DW: No flow, no issues. WW Rank (1 sample): Bact (1)Surf (1), Total 2. Recommend: Collect additional WW samples. BB Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1015PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
7WA30AUG01-A-D	8/30/2017	WBB1015PI	pipe	0 hrs	0.75 in	none	7.81	16.2 C	0.04 ppt	0.25 ppm		0 ppm	0.5 ppm
7WA30AUG01-A	8/30/2017	WBB1015PI	pipe	0 hrs	0.75 in	none	8.01	16.2 C	0.18 ppt	0.25 ppm		0 ppm	0.5 ppm
9WA13JUN02-A	6/13/2019	WBB1015PI	pipe	0 hrs	0.43 in	none	7.85	17.3 C	0.05 ppt	0.5 ppm	0 mg/l	0 ppm	0.25 ppm
9WA12JUL01-A	7/12/2019	WBB1015PI	pipe	0 hrs	3.11 in	none	7.63	24.1 C	0.04 ppt	0.25 ppm	0 mg/l	0 ppm	0 ppm
9WA23JUL06-A	7/23/2019	WBB1015PI	pipe	0 hrs	2.6 in	none	7.00	21.8 C	0.02 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
7WA30AUG01-A-D	1900											
7WA30AUG01-A	1800											
9WA13JUN02-A	4400											
9WA12JUL01-A	2710											
9WA23JUL06-A	7400											

## Stormwater Report for Catchment: WBB1016PI

BBS

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

Jefferson Shore Road 2018 Massachusetts Integrated Listed Water Discharge directly to Buttermilk Bay MA95-01 Catagory 5 Estuary Pollutants: Estuarine Bioassessments, Nutrient/Eutrophication Biological Indicators, Fecal Coliform Unknown Pipe: SNEP Project: Yes Urbanized: Yes Sewered: Yes 5/5/2016 **Inventory Date** 5 No Flow Observations Rating by Weather (0-5): Wet: 1 Dry : No Data or No Flow

Recommnedation:

DW: No flow, no issues. WW: Recommend collecting samples for evaluation (none collected). BB Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Requires Additional Monitoring

# Stormwater Report for: WBB1016PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA23JUL04-A	7/23/2019	WBB1016PI	pipe	0 hrs	2.5 in	none	7.30	22 C	0.01 ppt	0.25 ppm	0 mg/l	0 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA23JUL04-A	8900											

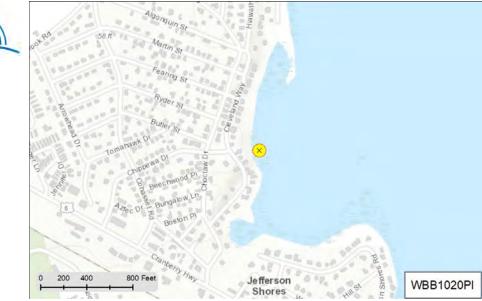
## Stormwater Report for Catchment: WBB1020PI

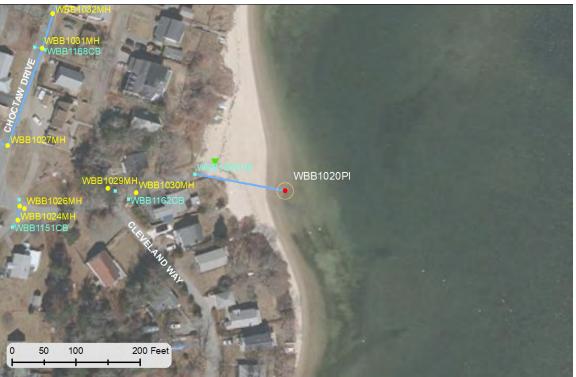
BBS

Report Created on: 8/9/2023

## in the Town of Wareham

Chippewa Drive	
2018 N	lassachusetts Integrated Listed Water
Discharge direc	tly to Buttermilk Bay
MA95-01	Catagory 5 Estuary
	aarine Bioassessments, Nutrient/Eutrophication ators, Fecal Coliform
Pipe: Circula	ar 12 inch PVC
SNEP Project: Urbanized: Sewered:	Yes Yes
Inventory Date	3/7/2016
Rating by Wea Wet : 4 Dry : 4	ather (0-5):





#### **Recommnedation:**

DW: No flow, no issues. WW Recommendation: Need to check status of the drainage system on Chippawa. Two underground infiltration systems are installed just downhill of Choctaw and downhill of Cleveland. Cleanout if needed. Observe how the system is functioning during rain (flowing into infiltration or bypassing and flowing into the main stormdrain system). BB Impair: Bact and N.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1020PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA06SEP04-S	9/6/2016	WBB1355CB	sump	11 hrs	0.63 in	none	6.40	21.2 C	0.07 ppt	0 ppm		0.88 ppm	0.5 ppm
9WA13JUN06-A	6/13/2019	WBB1020PI	sump	0 hrs	0.33 in	none	6.76	16.6 C	0.94 ppt	0.5 ppm	0 mg/l	0.88 ppm	0.5 ppm
9WA12JUL04-A	7/12/2019	WBB1020PI	pipe	1 hrs	3.17 in	none	6.90	24 C	4.58 ppt	0.25 ppm	0 mg/l	0 ppm	0.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA06SEP04-S	19000											
9WA13JUN06-A	12600											
9WA12JUL04-A	24000											

## Stormwater Report for Catchment: WBB1021PI

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

Discharge directly to Buttermilk Bay MA95-01 Catagory 5 Estuary Pollutants: Estuarine Bioassessments, Nutrient/Eutrophicat Biological Indicators, Fecal Coliform Pipe: Circular 12 inch PVC
Pollutants: Estuarine Bioassessments, Nutrient/Eutrophicat Biological Indicators, Fecal Coliform
Biological Indicators, Fecal Coliform
Dino: Circular 12 inch DVC
Pipe: Circular 12 inch PVC
SNEP Project: Yes
Jrbanized: Yes
Sewered: Yes
nventory Date 3/7/2016
2 No Flow Observations
Rating by Weather (0-5):
Wet : 3

**Recommnedation:** 

WW: Recommend taking samples from road surface at both WBB1169CB and WBB1171CB. BB Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1021PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA06SEP07-S	9/6/2016	WBB1171CB	sump	11 hrs	0.63 in	none	6.82	21.5 C	> 10 ppt	0 ppm		0.88 ppm	2 ppm
6WA28SEP01-S	9/28/2016	WBB1171CB	sump	21 hrs	0.39 in	none	7.06	18.2 C	> 10 ppt	0.25 ppm		1.76 ppm	2 ppm
6WA03OCT01-S-D	10/3/2016	WBB1171CB	sump	44 hrs	0.24 in	none	7.01	17.5 C	> 10 ppt	0.25 ppm		4.4 ppm	1.5 ppm
6WA03OCT01-S	10/3/2016	WBB1171CB	sump	44 hrs	0.24 in	none	7.03	17 C	> 10 ppt	0.25 ppm		4.4 ppm	1.5 ppm
6WA05OCT01-S-D	10/5/2016	WBB1171CB	sump	91 hrs	0 in	none	7.10	16.9 C	> 10 ppt	0.25 ppm		4.4 ppm	2 ppm
6WA05OCT01-S	10/5/2016	WBB1171CB	sump	91 hrs	0 in	none	7.02	16.6 C	> 10 ppt	0.25 ppm		4.4 ppm	2 ppm
9WA13JUN04-A	6/13/2019	WBB1021PI	pipe	0 hrs	0.35 in	none	6.54	17.5 C	1.36 ppt	0.5 ppm	0 mg/l	0.88 ppm	0.25 ppm
9WA18JUL01-A	7/18/2019	WBB1021PI	pipe	3 hrs	0.45 in	none	6.47	23.7 C	4.11 ppt	0.25 ppm	0 mg/l	2.2 ppm	1 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA06SEP07-S	9000											
6WA28SEP01-S	900											
6WA03OCT01-S-D	500											
6WA03OCT01-S	400											
6WA05OCT01-S-D	200											
6WA05OCT01-S	< 100											
9WA13JUN04-A	11800											
9WA18JUL01-A	12800											

## Stormwater Report for Catchment: WBB1022PI

BBS

Report Created on: 8/9/2023

## in the Town of Wareham

Cleveland Way	
2018 Ma	assachusetts Integrated Listed Water
Discharge direct	ly to Buttermilk Bay
MA95-01	Catagory 5 Estuary
	arine Bioassessments, Nutrient/Eutrophication tors, Fecal Coliform
Pipe: Circula	12 inch PVC
SNEP Project:	/es
Urbanized:	/es
Sewered:	Yes
Inventory Date	3/7/2016
6 No Flow Ol	oservations
Rating by Weat	:her (0-5):
Wet: 4	A the second sec
Dry: No Data o	or No Flow

# Report credited on of 9/2025



#### **Recommnedation:**

DW: No flow, no issues. WW Recommendation: Need to check status of the infiltration systems on Choctaw, Cleveland and Fearing. Cleanout if needed. Observe how the system is functioning during rain (flowing into infiltration or bypassing and flowing into the main stormdrain system). BB Impair: Bact and N.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1022PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA13JUN08-A	6/13/2019	WBB1022PI	pipe	0 hrs	0.39 in	none	6.67	17.3 C	0.28 ppt	0.25 ppm	0 mg/l	0.88 ppm	0.5 ppm
9WA23JUL02-A	7/23/2019	WBB1022PI	pipe	0 hrs	1.9 in	Brown	7.60	21.4 C	0.01 ppt	0.5 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA13JUN08-A	279000											
9WA23JUL02-A	36000											

## Stormwater Report for Catchment: WBB1023PI

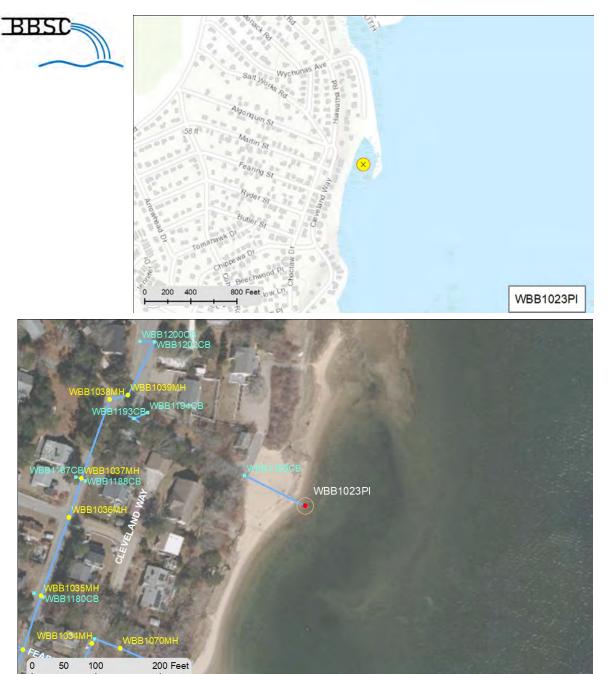
Report Created on: 8/9/2023

## in the Town of Wareham

2018	Massachusetts Integrated Listed Water
Discharge dire	ectly to Buttermilk Bay
MA95-01	Catagory 5 Estuary
	tuarine Bioassessments, Nutrient/Eutrophication icators, Fecal Coliform
Pipe: Circu	lar 12 inch PVC
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Dat	e
7 No Flow	Observations
Rating by Wo	eather (0-5):
Wet: 3	
Dry : No Dat	a or No Flow

#### Recommnedation:

DW: No flow, no issues. WW Recommendation: Need to check status of the infiltration system on Town Way. Cleanout if needed. Observe how the system is functioning during rain (flowing into infiltration or bypassing and flowing into the main stormdrain system). BB Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1023PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA14MAY01-A	5/14/2019	WBB1023PI	pipe	0 hrs	1.02 in	none	6.80	9.8 C	0.05 ppt	0.25 ppm	0 mg/l	0.88 ppm	0 ppm
9WA13JUN07-A	6/13/2019	WBB1023PI	pipe	0 hrs	0.34 in	none	6.55	15.6 C	0.02 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm
9WA23JUL01-A	7/23/2019	WBB1023PI	pipe	0 hrs	1.5 in	Dead Crabs	7.10	22.3 C	0.14 ppt	0.5 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA14MAY01-A	610											
9WA13JUN07-A	15300											
9WA23JUL01-A	23000											

## Stormwater Report for Catchment: WBB1024PI

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

Discharge directly to Buttermilk Bay MA95-01 Catagory 5 Estuary	
VA95-01 Catagory 5 Estuary	
Pollutants: Estuarine Bioassessments, Nutrient/Eutrophicat Biological Indicators, Fecal Coliform	tion
Pipe:	
SNEP Project: Yes	DANGER
Urbanized: Yes	
Sewered: Yes	<u>s</u>
Inventory Date 6/7/2016	
6 No Flow Observations	-
	Charles .
Rating by Weather (0-5):	144 × 14
Wet : No Data	A AN
Dry: No Data or No Flow	
1.28 March 1	
Recommnedation:	
DW: No flow, no issues. WW Recommendation: Need to ch	neck
status of the infiltration systems throughout the drainage a	
Cleanout if needed. Observe how the system is functioning	
rain (flowing into infiltration or bypassing and flowing into stormdrain system). BB Impair: Bact and N.	the main



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WBB1024PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA06SEP01-S	9/6/2016	WBB1241CB	sump	10 hrs	0.63 in	none	7.20	21.5 C	0.03 ppt	0.25 ppm		2.64 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA06SEP01-S	19000											

## Stormwater Report for Catchment: WSR1025PI

BBS

Report Created on: 8/9/2023

## in the Town of Wareham

2018 N	Massachusetts Integrated Listed Water
Discharge dire	ctly to Sippican River
MA95-07	Catagory 4A Estuary
Pollutants: Fee	cal Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	e 5/5/2016
3 No Flow (	Observations
Rating by We	ather (0-5):
Wet: 4	
Dry : No Data	a or No Flow

200 Feet 100 50

DW: No flow, no issues. WW: Recommend: Monitor for WW, if discharge is brackish or tidally blocked, monitor road surface at both WSR1070CB and WSR1072CB. Sip R Impair: Bact.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete



# Stormwater Report for: WSR1025PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM13AUG01-A	8/13/2019	WSR1025PI	surface	0 hrs	0.07 in	none	8.50	23.5 C	0.03 ppt	1 ppm	0 mg/l	0 ppm	2 ppm
9WM12SEP04-A	9/12/2019	WSR1025PI	surface	0 hrs	0.33 in	none		20.9 C	0.02 ppt	0.5 ppm	21 ppb	0 ppm	0.25 ppm
9WA11OCT01-A	10/11/2019	WSR1025PI	pipe	0 hrs	0.52 in	none	6.28	17.6 C	0.06 ppt	0.25 ppm	113 ppb	0 ppm	0.75 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM13AUG01-A	44000											
9WM12SEP04-A	24000											
9WA11OCT01-A	26000											

## Stormwater Report for Catchment: WWA1001PI

BBS

Report Created on: 8/9/2023

# in the Town of Wareham

Marks Cove Road	ł
2018 M	assachusetts Integrated Listed Water
Discharge direct	ly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	r 12 inch Metal
	Yes
	Yes
Inventory Date	4/20/2016
2 No Flow O	oservations
Rating by Wea	ther (0-5):
Wet: 3	
Dry : No Data	or No Flow

#### Recommnedation:

Only 1 sample for DW and none for WW. DW rank: Bact (1), Total 1. Recommend continue DW and WW monitoring at low tide. Check salinity first, if less than 5.5 monitor, if greater than 5.5 monitor WWA2546CB. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1001PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA12OCT03-S	10/12/2016	WWA1017CB	sump	56 hrs	0 in	none	6.75	15.7 C	0.02 ppt	0.2 ppm		0 ppm	0.1 ppm
6WA17OCT09-S	10/17/2016	WWA1017CB	sump	179 hrs	0 in	none	6.93	20.1 C	> 10 ppt	0.25 ppm		0 ppm	3 ppm
6WA21OCT06-S	10/21/2016	WWA1017CB	sump	274 hrs	0 in	none	6.67	21.3 C	6.45 ppt	0.25 ppm		1.32 ppm	2 ppm
9WA26APR01-A	4/26/2019	WWA1001PI	pipe	0 hrs	0.14 in	none	6.25	14.1 C	0.2 ppt	0.25 ppm	0 mg/l	0.88 ppm	0.25 ppm
9WA13AUG01-A	8/13/2019	WWA1001PI	pipe	0 hrs	0.08 in	none	8.21	24.4 C	0.19 ppt	0.5 ppm	0 mg/l	0.88 ppm	2 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA12OCT03-S	400											
6WA17OCT09-S	100											
6WA210CT06-S	700000											
9WA26APR01-A	100											
9WA13AUG01-A	3500											

## Stormwater Report for Catchment: WWA1002PI

BBSC

## in the Town of Wareham

Mattapoisett R	oad
2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe: PVC	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	2
5 No Flow (	Dbservations
Rating by We	ather (0-5):
Wet: 3	
Dry: No Data	a or No Flow

#### Recommnedation:

DW: No flow, no issues. WW: Recommend monitoring during WW, if discharge is brackish greater than 5.5), move monitoring site to the first inline upstream CB. Need to check CB pipes to determine upstream connectivity. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1002PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA26APR02-A	4/26/2019	WWA1002PI	pipe	0 hrs	0.23 in	none	6.60	14.4 C	0.03 ppt	0.5 ppm	0 mg/l	0.88 ppm	0.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA26APR02-A	840											

# Stormwater Report for Catchment: WWA1003PI

Report Created on: 8/9/2023

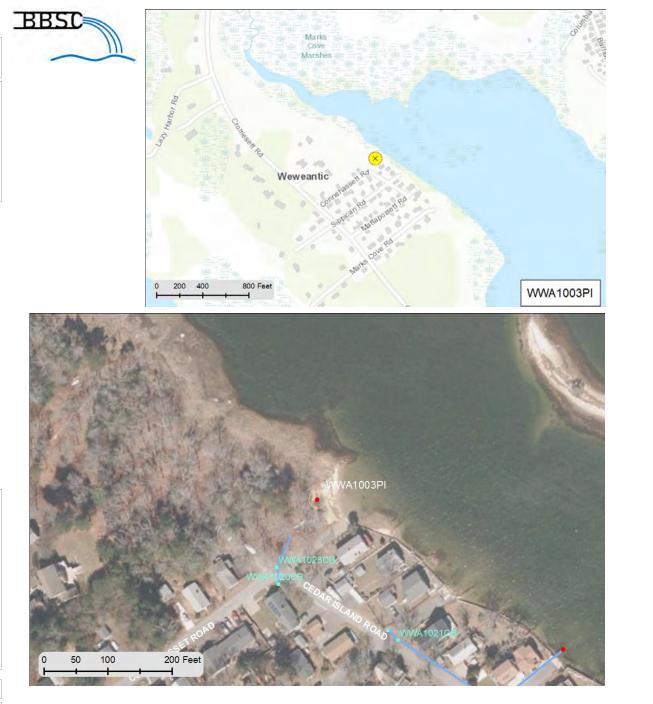
Page 1 of 2

# in the Town of Wareham

Coonehassett Ro	bad
2018 M	assachusetts Integrated Listed Water
Discharge direc	tly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	
4 No Flow O	bservations
Rating by Wea	ther (0-5):
Wet : No Data	
Dry: No Data	or No Flow

#### Recommnedation:

DW: 2 samples in CB sump, may be residual in the sump or an indication of an issue. DW rank: Bact (1), Surf (1)., No WW samples. Recommend continue DW and WW monitoring. For DW monitor only if there is evidence of flow (not stagnant). Indicate on data sheet if the sump is flowing or stagnant. Warh R Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1003PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA12OCT02-S	10/12/2016	WWA1023CB	sump	56 hrs	0 in	none	6.87	15.9 C	0.01 ppt	0.25 ppm		0 ppm	0.1 ppm
6WA17OCT08-S	10/17/2016	WWA1023CB	sump	178 hrs	0 in	none	6.42	21.3 C	0.02 ppt	0.25 ppm		0 ppm	1 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA12OCT02-S	4600											
6WA17OCT08-S	300											

# Stormwater Report for Catchment: WWA1006PI

Report Created on: 8/9/2023

# in the Town of Wareham

2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	2
5 No Flow (	Dbservations
Rating by We	ather (0-5):
Wet : 2	
Dry : No Data	or No Flow
Recommnedat	ion
	no issues. WW rank (1 sample): Bact (2), Total 2.
	Continue monitoring during WW. Warh R Impair: Ba



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1006PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рΗ	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
7WA25OCT05-A	10/25/2017	WWA1003MH	pipe	0 hrs	0.59 in	Trash	6.60	20.8 C	0.04 ppt	0.25 ppm		0 ppm	0.25 ppm
9WM10OCT04-A	10/10/2019	WWA1003MH	sump	0 hrs	0.41 in	none	7.50	16.5 C	0.13 ppt	0 ppm	39 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
7WA25OCT05-A	59000											
9WM10OCT04-A	36000											

# Stormwater Report for Catchment: WWA1008PI

Report Created on: 8/9/2023

# in the Town of Wareham

2018 N	Aassachusetts Integrated Listed Water
Discharge to tr	ibutary of Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	2
6 No Flow (	Dbservations
Rating by We Wet : 1 Dry : No Data	
Recommnedat	ion:
	no issues. WW: monitor the road surface at both and WWA1071CB. Warh R Impair: Bact and N.

BBSC Swifts Beach

0 200 400 800 Feet

WWA1008PI



Tight Honey Outlan

Status: Evaluation Not Complete

Status and Recommendation based on the opinion of the BBNEP.

offer March

# Stormwater Report for: WWA1008PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA17OCT02-S-D	10/17/2016	WWA1070CB	sump	176 hrs	0 in	none	7.02	18.9 C	9.11 ppt	0.25 ppm		1.76 ppm	1.5 ppm
6WA17OCT02-S	10/17/2016	WWA1070CB	sump	176 hrs	0 in	none	7.07	18.7 C	9.17 ppt	0.25 ppm		2.64 ppm	1.5 ppm
9WW10OCT02-A	10/10/2019	WWA1070CB	sump	0 hrs	0.33 in	none	8.09	13.1 C	0.04 ppt	0.25 ppm	0 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA17OCT02-S-D	2200											
6WA17OCT02-S	2100											
9WW10OCT02-A	6900											

# Stormwater Report for Catchment: WWA1009PI

BBSC

Report Created on: 8/9/2023

# in the Town of Wareham

2018 N	lassachusetts Integrated Listed Water
Discharge to tr	ibutary of Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	
7 No Flow C	Observations
Rating by Wea	ather (0-5):
Wet: 4	
Dry : No Data	or No Flow
Recommnedat	ion:
	o issues. Recommend continued monitoring in WV

DW: no flow, no issues. Recommend continued monitoring in WW, start at first CB upstream (confirm WWA1056CB), check salinity first if 5.5 or less continue monitoring, If > 5.5 monitor the next upstream inline CB (WWA1047CB or WWA1049CB). Confirm drainage connectivity onsite. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1009PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA17OCT04-S	10/17/2016	WWA1056CB	sump	177 hrs	0 in	none	7.17	19.4 C	> 10 ppt	0.25 ppm		0 ppm	2 ppm
9WW10OCT03-B	10/10/2019	WWA1056CB	surface	0 hrs	0.35 in	none	7.38	17.9 C	1.5 ppt	0 ppm	59 ppb	0.88 ppm	0.5 ppm
9WW10OCT03-A	10/10/2019	WWA1056CB	surface	0 hrs	0.35 in	none	8.47	17.7 C	1 ppt	0 ppm	102 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA17OCT04-S	200											
9WW10OCT03-B	79000											
9WW10OCT03-A	20000											

## Stormwater Report for Catchment: WWA1010PI

Report Created on: 8/9/2023

# in the Town of Wareham

Circle Drive	
2018 N	Aassachusetts Integrated Listed Water
Discharge to tr	ibutary of Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	2
3 No Flow (	Dbservations
Rating by We Wet : 3 Dry : No Data	
Recommnedat	ion:
D) // / 2	

DW (2 samples): 1 sample. Bact moderate. DW rank: Bact (1), Total 1. WW rank (1 sample): Bact (1), Nitrates (1), Total 2. Recommend: Continue monitoring for DW and WW. For DW take a sample only if the sump does not appear to be stagnant. Make note on data sheet if sump was stagnant or flowing. DW and WW: start at first CB upstream (confirm drainage onsite (WWA1080CB?), check salinity first, if 5.5 or less continue monitoring, if > 5.5 monitor the next upstream inline CB (WWA1073CB/WWA1076CB?). Warh R Impair: Bact and N.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete





200 Feet

100

# Stormwater Report for: WWA1010PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA27SEP06-A	9/27/2016	WWA1080CB	pipe	0 hrs	0.31 in	none	6.74	22.2 C	0.02 ppt	0.25 ppm		2.64 ppm	0.25 ppm
6WA12OCT04-S	10/12/2016	WWA1080CB	sump	57 hrs	0 in	none	6.79	17.8 C	0.06 ppt	0.25 ppm			0.125 ppm
6WA17OCT03-S	10/17/2016	WWA1080CB	sump	177 hrs	0 in	none	7.28	19.9 C	> 10 ppt	0.35 ppm		0 ppm	2 ppm
9WW100CT01-A	10/10/2019	WWA1080CB	pipe	0 hrs	0.32 in	none	8.40	14.6 C	0.07 ppt	0.25 ppm	18 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA27SEP06-A	6600											
6WA12OCT04-S	700											
6WA17OCT03-S	200											
9WW10OCT01-A	28000											

## Stormwater Report for Catchment: WWA1011PI

BBSC

#### Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

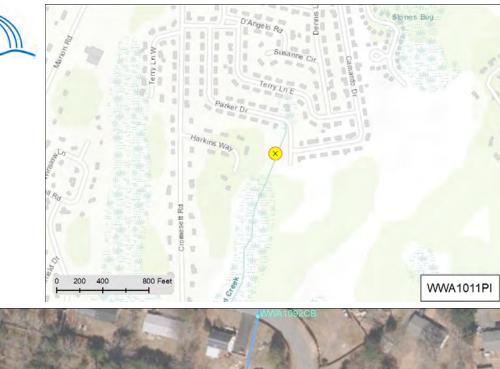
Parker Drive	
2018 Ma	assachusetts Integrated Listed Water
Discharge to trib	outary of Cedar Island Creek
MA95-52	Catagory 4A Estuary
Pollutants: Fecal	Coliform
Pipe:	
SNEP Project:	/es
Urbanized:	/es
Sewered:	ſes
Inventory Date	
3 No Flow Ob	oservations
Rating by Weat	her (0-5):
Wet : 2	
Dry : 2	

#### Recommnedation:

DW Rank (2 samples in sump): Bact (1), Amm/Nitrates (1 ea), Total 3. Recommend: Continue monitoring for DW and WW (no samples taken). For DW take a sample only if the sump does not appear to be stagnant. Make note on data sheet if sump was stagnant or flowing. DW and WW: Start at first inline upstream structure (confirm drainage connectivity onsite), check salinity first if 5.5 or less continue monitoring, if > 5.5 monitor the next upstream inline structure). Warh R Impair: Bact and N.

MS4 Ranking: Low Priority Outfall

Status: Evaluation Not Complete





# Stormwater Report for: WWA1011PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA17OCT06-S	10/17/2016	WWA1007MH	sump	178 hrs	0 in	none	6.25	21 C	0.06 ppt	0.35 ppm		4.4 ppm	0.125 ppm
6WA17OCT07-S	10/17/2016	WWA1011PI	stream	178 hrs	0 in	none	6.20	21.3 C	0.06 ppt	0.4 ppm		4.4 ppm	0.125 ppm
6WA21OCT04-S	10/21/2016	WWA1007MH	sump	273 hrs	0 in	none	6.23	22.1 C	0.07 ppt	1 ppm		> 4.4 ppm	0.125 ppm
9WA26APR04-A	4/26/2019	WWA1011PI	pipe	0 hrs	0.3 in	none	6.10	13 C	0.05 ppt	0.5 ppm	0 mg/l	2.64 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA17OCT06-S	100											
6WA17OCT07-S	< 100											
6WA210CT04-S	100											
9WA26APR04-A	290											

# Stormwater Report for Catchment: WWA1012PI

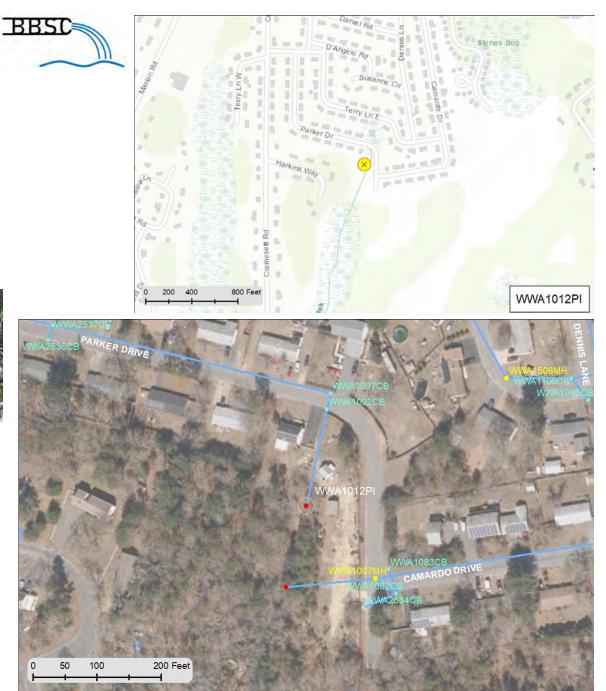
### Report Created on: 8/9/2023

# in the Town of Wareham

Parker Drive
2018 Massachusetts Integrated Listed Water
Discharge to tributary of Cedar Island Creek
MA95-52 Catagory 4A Estuary
Pollutants: Fecal Coliform
Pipe:
SNEP Project: Yes
Urbanized: Yes
Sewered: Yes
Inventory Date
2 No Flow Observations
Rating by Weather (0-5):
Wet : 2
Dry : 3

Recommnedation:

DW: no flow, no issues. Recommend: Continue to monitor for WW (no samples taken). Warh R Impair: Bact and N.



MS4 Ranking: Low Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1012PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA17OCT05-S	10/17/2016	WWA1092CB	sump	177 hrs	0 in	none	7.18	20.5 C	0.03 ppt	0.25 ppm		0 ppm	0.125 ppm
6WA21OCT03-S	10/21/2016	WWA1092CB	sump	273 hrs	0 in	none	6.79	21 C	0.03 ppt	1 ppm		0.88 ppm	0.125 ppm
6WA210CT05-S	10/21/2016	WWA1012PI	stream	274 hrs	0 in	none	6.02	21.2 C	0.06 ppt	1 ppm		> 4.4 ppm	0 ppm
9WA26APR03-A	4/26/2019	WWA1012PI	pipe	0 hrs	0.3 in	none	6.30	13.9 C	0.06 ppt	0.5 ppm	0 mg/l	2.64 ppm	0.25 ppm
9WA09JUL03-A	7/9/2019	WWA1012PI	surface	59 hrs	0 in	none	5.76	25 C	0.09 ppt	0.25 ppm	0 mg/l	2.64 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA17OCT05-S	< 100											
6WA21OCT03-S	< 100											
6WA21OCT05-S	< 100											
9WA26APR03-A	500											
9WA09JUL03-A	< 10											

## Stormwater Report for Catchment: WWA1019PI

Report Created on: 8/9/2023

# in the Town of Wareham

Worral Avenue	
2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	2
2 No Flow (	Dbservations
Rating by We	ather (0-5):
Wet : 3	
Dry : No Data	a or No Flow

#### Recommnedation:

Recommend: Continue monitoring DW and WW. For both DW and WW, monitor at low tide. For DW take a sample only if the sump does not appear to be stagnant. Make note on data sheet if sump was stagnant or flowing. DW and WW: check salinity first if 5.5 or less continue monitoring. If > 5.5 for WW, monitor flow from street surface at CB. For DW (salinity> 5.5, do not monitor, but document salinity on data sheet). Warh R Impair: Bact and N



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1019PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA27SEP04-A	9/27/2016	WWA1157CB	surface	0 hrs	0.31 in	none	6.74	21.6 C	0.02 ppt	0.25 ppm		1.76 ppm	0.5 ppm
6WA05OCT07-S	10/5/2016	WWA1157CB	sump	95 hrs	0 in	none	6.82	19.4 C	> 10 ppt	0.25 ppm		1.76 ppm	1.5 ppm
6WA12OCT05-S-D	10/12/2016	WWA1157CB	sump	59 hrs	0 in	none	7.11	19.2 C	9.5 ppt	0.25 ppm		1.32 ppm	2 ppm
6WA12OCT05-S	10/12/2016	WWA1157CB	sump	59 hrs	0 in	none	7.05	20 C	9.45 ppt	0.25 ppm		1.32 ppm	2 ppm
6WA17OCT01-S	10/17/2016	WWA1157CB	sump	176 hrs	0 in	none	7.49	17.4 C	9.11 ppt	0.25 ppm		2.64 ppm	1.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA27SEP04-A	6200											
6WA05OCT07-S	200											
6WA12OCT05-S-D	< 100											
6WA12OCT05-S	100											
6WA17OCT01-S	< 100											

# Stormwater Report for Catchment: WWA1022PI

BBS

#### Report Created on: 8/9/2023

# in the Town of Wareham

Broadmarsh Av	enue
2018 N	Aassachusetts Integrated Listed Water
Discharge to tr	ibutary of Broad Marsh River
MA95-49	Catagory 4A Estuary
Pollutants: Feo	al Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/10/2019
7 No Flow (	Dbservations
Rating by We	ather (0-5):
Wet: 4	
Dry: No Data	a or No Flow





Recommnedation: DW: No flow, no issu

DW: No flow, no issues. WW: (1 sample) Rank: Bact (1), Amm/N/Surf (1 ea). Total 4. This drainage system has an underground infitration practice. Recommend inspecting infiltration sytem in the rain to establish functionality. Clean out as needed. Continue monitoring. Inspect drainage system for potential ID. BMR Impair: Bact.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA27SEP02-A	9/27/2016	WWA1154CB	surface	0 hrs	0.12 in	none	6.63	21.7 C	0.03 ppt	3 ppm		2.64 ppm	0.75 ppm
6WA21OCT02-S	10/21/2016	WWA1154CB	sump	273 hrs	0 in	none	7.00	19.5 C	0.11 ppt	3.5 ppm		0 ppm	0.125 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA27SEP02-A	1800											
6WA21OCT02-S	3200											

# Stormwater Report for Catchment: WWA1024PI

BBS

#### Report Created on: 8/9/2023

# in the Town of Wareham

2018 N	lassachusetts Integrated Listed Water
Discharge to tr	ibutary of Broad Marsh River
MA95-49	Catagory 4A Estuary
Pollutants: Fec	al Coliform
Pipe: Circul	ar 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/19/2016
4 No Flow 0	Observations
Rating by We	ather (0-5):
Wet: 2	
Dry: No Data	or No Flow

#### Recommnedation:

DW: No flow, no issues. WW: (1 sample) Rank: Bact (1), N/Surf (1 ea). Total 4. This drainage system has an underground infitration practice. Recommend inspecting infiltration sytem in the rain to establish functionality. Clean out as needed. Continue monitoring. Inspect drainage system for potential ID. BMR Impair: Bact.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1024PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA27SEP01-A	9/27/2016	WWA1024PI	pipe	0 hrs	0.12 in	none	6.92	21.7 C	0.15 ppt	0.25 ppm		1.76 ppm	0.05 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA27SEP01-A	5200											

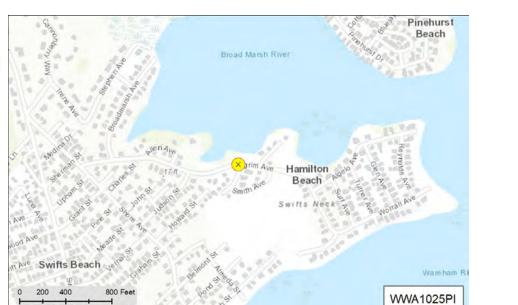
# Stormwater Report for Catchment: WWA1025PI

BBS

#### Report Created on: 8/9/2023

# in the Town of Wareham

2018 Ma	assachusetts I	ntegrated Listed Water
Discharge direct	ly to Broad Mar	sh River
MA95-49	Catagory 4A E	stuary
Pollutants: Feca	l Coliform	
Pipe: Circula	r 12 inch Concre	te
SNEP Project:	Yes	The standing of the
Urbanized:	ſes	
Sewered:	Yes	
Inventory Date	4/19/2016	
4 No Flow Ob	oservations	in the second of
		A State
Rating by Weat	ther (0-5):	
Wet: 3		
Dry: No Data d	or No Flow	the far and
		State of the state





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

Bact.

# Stormwater Report for: WWA1025PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA27SEP03-A	9/27/2016	WWA1025PI	pipe	0 hrs	0.31 in	none	6.90	22.2 C	0.64 ppt	0.5 ppm		0.88 ppm	0.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA27SEP03-A	500											

# Stormwater Report for Catchment: WWA1030PI

Report Created on: 8/9/2023

# in the Town of Wareham

Worrall Ave at beach

## 2018 Massachusetts Integrated Listed Water

Discharge directly to Wareham River

MA95-03

Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform

Catagory 5 Estuary

Pipe:		
SNEP Pro	oject:	No
Urbanize	ed:	Yes
Sewered	l:	
Inventor	y Date	
<b>0</b> No	Flow C	bservations
Rating b	oy Wea	ther (0-5):
Wet : 2		
Drv: No	o Data	or No Flow

#### Recommnedation:





Status and Recommendation based on the opinion of the BBNEP.

Status:

#### **Field Results** SampleID SampleDate FacilityID SampleType Last Rain 48hr Rain Sensory Salinity Ammonia Chlorine Surfactants рΗ Temp. Nitrate 9/6/2022 2WA06SEP06-A WWA1210CB sump 0 hrs 1.75 in none 6.96 21.2 C 0.01 ppt 0.25 ppm 18 ppb 0.88 ppm 0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA06SEP06-A		1000		BRL		0.51 mg/L	BRL	NEP Calc 0.51 mg/L				

## Stormwater Report for Catchment: WWA1038RC

BBS

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

Parkwood Dr between Teakwood Ave and Ash St

2018 Massachusetts Integrated Listed Wate	r
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Discharge directly to Wareham River

MA95-03

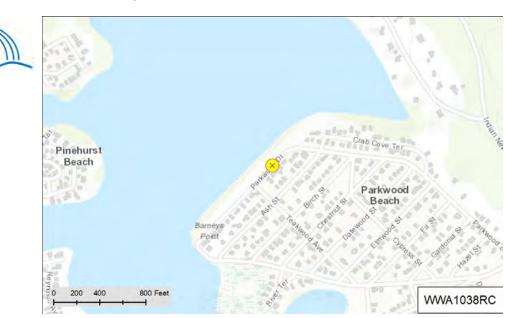
Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform

Catagory 5 Estuary

Pipe: Road	cut	
SNEP Project:	Yes	
Urbanized:	Yes	
Sewered:	Yes	
Inventory Date	2	
1 No Flow (	Observations	
Rating by We	ather (0-5):	
Wet: 2		
Dry : No Data	or No Flow	

Recommnedation:

No monitoring results for DW or WW. Recommend: Monitor for DW and WW. Warh R Impair: Bact and N





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1038RC

Page 2 of 2

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA12SEP01-A	9/12/2019	WWA1038RC	surface	0 hrs	0.25 in	none	7.50	19.5 C	0.08 ppt	1 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA12SEP01-A	170											

# Stormwater Report for Catchment: WWA1040PI

BBSC

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

2010	Massachusetts Integrated Listed Water
Discharge dir	ectly to Crooked River
MA95-51	Catagory 4A Estuary
Pollutants: Er	terococcus, Fecal Coliform
Pipe: Circi	ılar 8 inch HDPE
SNEP Project	Yes
Urbanized:	Yes
Sewered:	Yes
nventory Da	e 6/11/2021
6 No Flow	Observations
	eather (0-5):
Wet: 3	a or No Flow
Diy. No Da	
	7
Recommneda	tion:
DW: No flow	no issues. No monitoring results for WW. Monitor fo
	mpair: Bact.
WW. Crkd R I	





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1040PI

Page 2 of 2

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM10OCT01-A	10/10/2019	WWA1230CB	sump	0 hrs	0.33 in	Odor	6.40	16 C	0.07 ppt	0 ppm	127 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM100CT01-A	34000											

# Stormwater Report for Catchment: WWA1043PI

BBSC

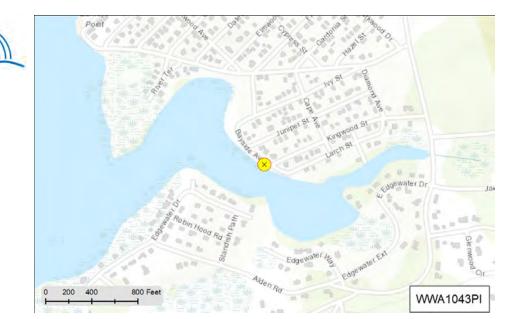
Report Created on: 8/9/2023

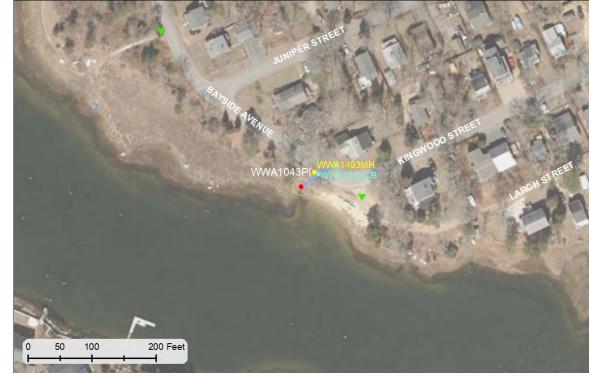
# in the Town of Wareham

Bayside Ave at	address 20
2018	Massachusetts Integrated Listed Water
Discharge dir	ectly to Crooked River
MA95-51	Catagory 4A Estuary
Pollutants: Er	nterococcus, Fecal Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Dat	:e
5 No Flow	Observations
Rating by W	eather (0-5):
Wet: 3	
Dry: No Dat	a or No Flow

Recommnedation:

DW: No flow, no issues. No monitoring results for WW. Recommend: Monitor for WW. Crkd R Impair: Bact.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1043PI

Page 2 of 2

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM100CT02-A	10/10/2019	WWA1241CB	sump	0 hrs	0.36 in	Color	7.00	16.3 C	0.05 ppt	0 ppm	135 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM10OCT02-A	38000											

## Stormwater Report for Catchment: WWA1043RC

BBS

Report Created on: 8/9/2023

# in the Town of Wareham

Parkwood Dr between Teakwood Ave and Ash St, near bend

2018 Massachusetts Integrated Listed Water         Discharge directly to Wareham River         MA95-03       Catagory 5 Estuary         Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform         Pipe:       Road cut         SNEP Project:       Yes         Urbanized:       Yes         Sewered:       Yes         Inventory Date		
MA95-03       Catagory 5 Estuary         Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform         Pipe:       Road cut         SNEP Project:       Yes         Urbanized:       Yes         Inventory Date	2018 Ma	ssachusetts Integrated Listed Water
Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal   Coliform     Pipe:   Road cut   SNEP Project:   Yes   Urbanized:   Yes   Sewered:   Yes   Inventory Date   0   No Flow Observations     Rating by Weather (0-5):   Wet :	Discharge direct	y to Wareham River
Coliform Pipe: Road cut SNEP Project: Yes Urbanized: Yes Sewered: Yes Inventory Date 0 No Flow Observations Rating by Weather (0-5): Wet : 4	MA95-03	Catagory 5 Estuary
SNEP Project: Yes   Urbanized: Yes   Sewered: Yes   Inventory Date		rine Bioassessments, Nitrogen (Total), Fecal
Urbanized: Yes Sewered: Yes Inventory Date 0 No Flow Observations Rating by Weather (0-5): Wet : 4	Pipe: Road cu	t
Sewered: Yes Inventory Date 0 No Flow Observations Rating by Weather (0-5): Wet : 4	SNEP Project: Y	es
Inventory Date 0 No Flow Observations Rating by Weather (0-5): Wet : 4	Urbanized: Y	es
0 No Flow Observations Rating by Weather (0-5): Wet : 4	Sewered: Y	es
Rating by Weather (0-5): Wet : 4	Inventory Date	
Wet : 4	0 No Flow Ob	servations
	Rating by Weat	her (0-5):
Dry : No Data or No Flow	Wet: 4	
	Dry : No Data o	r No Flow

#### Recommnedation:

No DW samples, only one WW sample collected. WW had very high Bact. counts. WW Rank: Bact (2), Nitrates (1), Total 3. Recommend: Monitor for both DW and WW. Investigate for potential ID. Warh R Impair: Bact and N





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1043RC

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP02-A	9/19/2016	WWA1043RC	surface	0 hrs	0.35 in	none		24.5 C	0.03 ppt	0.25 ppm		0.88 ppm	0.25 ppm
9WM12JUL02-A	7/12/2019	WWA1043RC	surface	0 hrs	3.16 in	none	7.27	22.7 C	0.01 ppt	0.25 ppm	0 mg/l	0 ppm	0 ppm
9WA12SEP02-A	9/12/2019	WWA1043RC	surface	0 hrs	0.32 in	none	7.40	19.6 C	0.031 ppt	1 ppm	2 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP02-A	89000											
9WM12JUL02-A	27200											
9WA12SEP02-A	37000											

## Stormwater Report for Catchment: WWA1044RC

BBS

Report Created on: 8/9/2023

in the Town of Wareham Crab Cove Terrace and Ash St 2018 Massachusetts Integrated Listed Water Discharge directly to Wareham River MA95-03 Catagory 5 Estuary Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform Pipe: Road cut SNEP Project: Yes Urbanized: Yes Sewered: Yes **Inventory Date** 1 No Flow Observations Rating by Weather (0-5): Wet : 2 Dry : No Data or No Flow **Recommnedation:** No monitoring results for DW or WW. Recommend: Monitor for DW and WW. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM12JUL01-A	7/12/2019	WWA1044RC	surface	0 hrs	3.16 in	none	7.52	21.5 C	0.02 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm
9WA12SEP03-A	9/12/2019	WWA1044RC	surface	0 hrs	0.34 in	none		19.3 C	0.015 ppt	0.5 ppm	16 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM12JUL01-A	109000											
9WA12SEP03-A	21000											

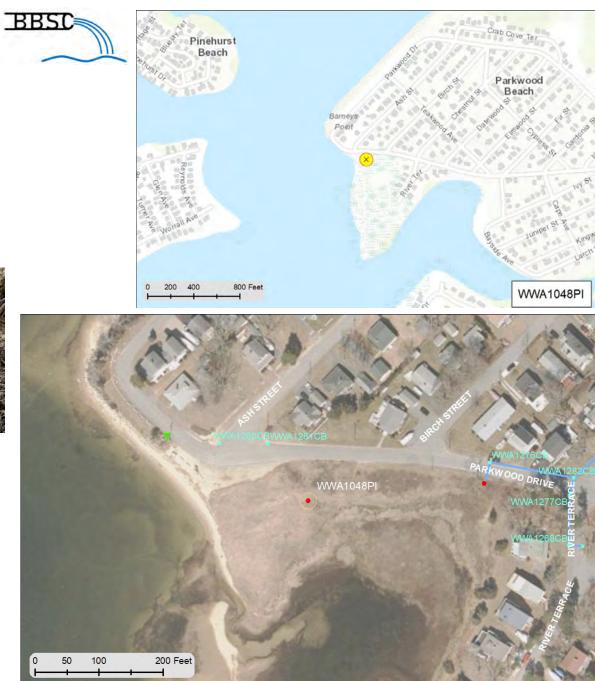
## Stormwater Report for Catchment: WWA1048PI

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

2018 M	assachusetts Integrated Listed Water
Discharge direct	ly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	r 10 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/13/2016
4 No Flow Ol	bservations
Rating by Wea	ther (0-5):
Wet : 2 Dry : No Data o	or No Flow
Dry . No Data (	
Recommnedatio	
	o issues. WW: no samples collected. Recommend: V. Warh R Impair: Bact and N.
	v. Warri Kimpan. Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1048PI

## **Field Results**

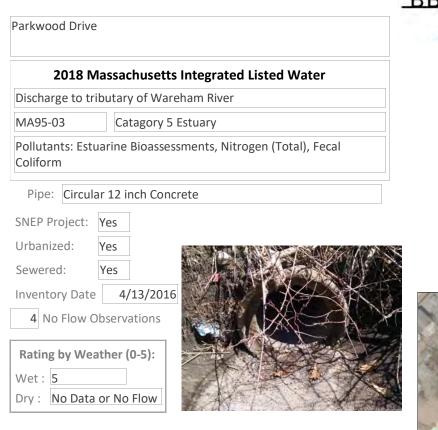
SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP10-S-D	9/28/2016	WWA1261CB	sump	25 hrs	0.39 in	none	6.84	20.2 C	0.05 ppt	0.25 ppm		1.76 ppm	0.25 ppm
6WA28SEP10-S	9/28/2016	WWA1261CB	sump	25 hrs	0.39 in	none	6.84	20.1 C	0.05 ppt	0.25 ppm		0.88 ppm	0.125 ppm
9WA10OCT01-A	10/10/2019	WWA1048PI	surface	0 hrs	0.33 in	none	7.79	16.3 C	0.07 ppt	0.5 ppm	27 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP10-S-D	500											
6WA28SEP10-S	1200											
9WA10OCT01-A	2500											

### Stormwater Report for Catchment: WWA1054PI

Report Created on: 8/9/2023

### in the Town of Wareham





200 Feet

50

100

Recommnedation:

DW: no flow, no issues. WW Rank (1 sample): Bact (2), Amm/Nitrates/Surf (1 ea). Total 5. Recommend: Continue monitoring for WW and begin ID investigation. Warh R Impair: Bact and N.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1054PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP01-A	9/19/2016	WWA1054PI	pipe	0 hrs	0.35 in	none	8.99	23.7 C	0.08 ppt	1 ppm		1.76 ppm	1.5 ppm
9WM12JUL04-A	7/12/2019	WWA1054PI	surface	0 hrs	3.17 in	none	6.80	22.7 C	0.01 ppt	0.5 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP01-A	58000											
9WM12JUL04-A	29400											

### Stormwater Report for Catchment: WWA1058PI

Report Created on: 8/9/2023

### in the Town of Wareham

BBSC
-
A AND
1

#### Barneys Poet Poet 0 200 400 Feet 0 200 400 Feet



#### Recommnedation:

Recommend: Continue monitoring WWA2533CB for DW and WW. If DW is in sump, take a sample only if the sump does not appear to be stagnant. Make note on data sheet if sump was stagnant or flowing. DW and WW: check salinity first if 5.5 or less monitor. If > 5.5 for WW monitor next upstream inline structure (confirm drainage connectivity onsite). Crkd R Impair: Bact.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1058PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP08-S	9/28/2016	WWA2533CB	sump	24 hrs	0.39 in	none	6.43	20.4 C	0.04 ppt	0.25 ppm		0.44 ppm	0.125 ppm
6WA03OCT07-S	10/3/2016	WWA2533CB	sump	46 hrs	0.04 in	none	6.67	20.1 C	0.06 ppt	0.25 ppm		0 ppm	0.25 ppm
6WA05OCT06-S	10/5/2016	WWA2533CB	sump	93 hrs	0 in	none	6.85	18.6 C	0.07 ppt	0.3 ppm		0 ppm	0.125 ppm
9WM12JUL03-A	7/12/2019	WWA1058PI	pipe	0 hrs	3.17 in	none	6.91	22.8 C	0.02 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm
9WA11OCT02-A	10/11/2019	WWA1058PI	pipe	0 hrs	0.59 in	none	6.43	16.2 C	0.08 ppt	0.25 ppm	25 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP08-S	3400											
6WA03OCT07-S	1300											
6WA05OCT06-S	300											
9WM12JUL03-A	56000											
9WA11OCT02-A	167000											

### Stormwater Report for Catchment: WWA1059PI

Report Created on: 8/9/2023

Page 1 of 2

### in the Town of Wareham

2018	Nassachusetts Integrated Listed Water
Discharge dire	ectly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Es Coliform	tuarine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	No
Urbanized:	Yes
Sewered:	Yes
Inventory Dat	e
1 No Flow	Observations
Rating by We	eather (0-5):
Wet: 4	
Dry: No Dat	a or No Flow
Recommneda	tion:
	mple collected, no samples for WW. Recommend: nonitor DW and WW. BMR Impair: Bact.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1059PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA26OCT03-A	10/26/2022	WWA1059PI	pipe	0 hrs	0.5 in	none	7.22	19.2 C	0.3 ppt	0.25 ppm	25 ppb	0.88 ppm	0.75 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA26OCT03-A		12000										

### Stormwater Report for Catchment: WWA1061PI

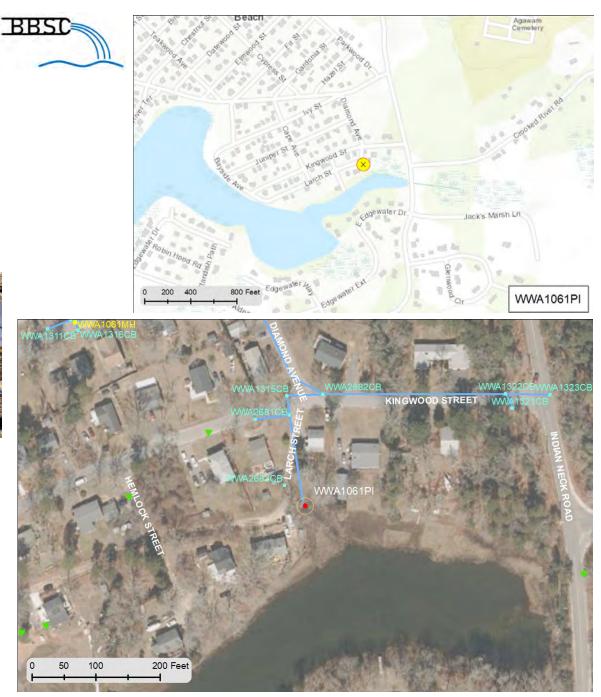
Report Created on: 8/9/2023

## in the Town of Wareham

2018 M	assachusetts Integrated Listed Water
Discharge direc	tly to Crooked River
MA95-51	Catagory 4A Estuary
Pollutants: Ente	erococcus, Fecal Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/13/2016
6 No Flow O	bservations
Rating by Wea	ther (0-5):
Wet: 5	
Dry : No Data	or No Flow

#### Recommnedation:

DW: no flow, no issues. WW Rank (1 sample): Bact (2) and Nitrates (1), Total 3. Recommend: Continue sampling WW and begin ID investigation (bacteria). Crkd R Impair: Bact.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1061PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP03-A	9/19/2016	WWA1061PI	pipe	0 hrs	0.35 in	none	9.50	24.2 C	0.11 ppt	0.05 ppm		0.88 ppm	0.25 ppm
9WA10OCT02-A	10/10/2019	WWA1061PI	surface	0 hrs	0.36 in	none	6.44	14.8 C	0.11 ppt	2.5 ppm		0.88 ppm	0.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP03-A	62000											
9WA10OCT02-A	3700											

### Stormwater Report for Catchment: WWA1067PI

BBSC

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

2018 M	assachusetts Integrated Listed Water
Discharge direc	tly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	ar 12 inch Concrete
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	6/28/2021
4 No Flow O	bservations
Rating by Wea	ither (0-5):
Wet : 2	
Dry : No Data	or No Flow

brad Marsh River 0 000 feet 



MS4 Ranking: High Priority Outfall

DW: no flow, no issues. WW: no samples collected. Recommend:Monitor WW. Warh R Impair: Bact and N.

Status: Evaluation Not Complete

Recommnedation:

# Stormwater Report for: WWA1067PI

Page 2 of 2

#### **Field Results**

	SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
0	WM23OCT04-A	10/23/2019	WWA1062MH	sump	1 hrs	1.11 in	none	6.95	18 C	0.12 ppt	0.25 ppm	178 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM23OCT04-A	2610											

### Stormwater Report for Catchment: WWA1070PI

BBS

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

Warr Avenue	
2018 N	lassachusetts Integrated Listed Water
Discharge dired	tly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: 12 inc	ch Concrete
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/4/2016
2 No Flow C	ubservations
Rating by Wea Wet : 2 Dry : No Data	or No Flow

#### Current A + 3 Curren



DW: no flow, no issues. WW: no samples collected. Recommend: Monitor WW. Warh R Impair: Bact and N.

Recommnedation:

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1070PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA14MAY02-A	5/14/2019	WWA1070PI	sump	0 hrs	1.08 in	none	6.95	12.5 C	4.67 ppt	0.25 ppm	0 mg/l	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA14MAY02-A	3400											

### Stormwater Report for Catchment: WWA1071PI

BBS

Report Created on: 8/9/2023

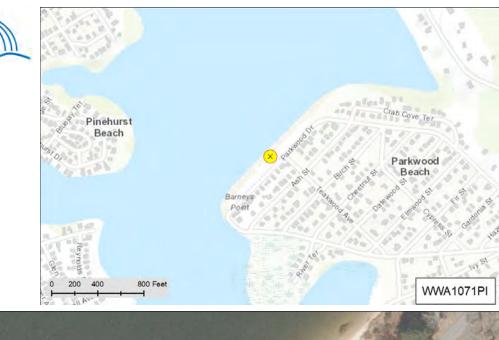
#### Page 1 of 2

### in the Town of Wareham

Parkwood Ave	2
2018	Massachusetts Integrated Listed Water
Discharge dir	ectly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Es Coliform	tuarine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circu	ular 12 inch Concrete
SNEP Project	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Dat	te 4/13/2016
4 No Flow	Observations
Rating by W	eather (0-5):
Wet: 4	
Dry : No Dat	ta or No Flow

Recommnedation:

DW: no flow, no issues. WW: no samples collected. Recommend: Monitor WW. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1071PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM12JUL05-A	7/12/2019	WWA1071PI	surface	0 hrs	3.17 in	none	6.92	22.7 C	0.59 ppt	0.5 ppm	0 mg/l	0.88 ppm	0.75 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM12JUL05-A	16500											

## Stormwater Report for Catchment: WWA1082PI

BBSC

Report Created on: 8/9/2023

### in the Town of Wareham

Crab Cove Terra	се
2018 N	lassachusetts Integrated Listed Water
Discharge direc	tly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	ar 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	
4 No Flow C	bservations
Rating by Wea	ather (0-5):
Wet: 3	
Dry : No Data	or No Flow

#### Recommnedation:

DW: no flow, no issues. WW: no samples collected. Recommend: Monitor WW. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1082PI

#### **Field Results**

	SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9W	/M100CT03-A	10/10/2019	WWA1397CB	pipe	0 hrs	0.36 in	Color	7.32	18.5 C	0.07 ppt	0.25 ppm	123 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM100CT03-A	48000											

### Stormwater Report for Catchment: WWA1091PI

BBS

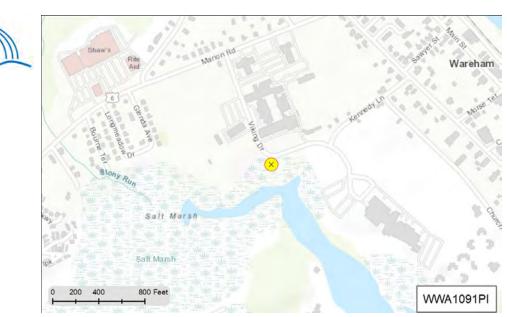
Report Created on: 8/9/2023

## in the Town of Wareham

Viking Drive	
2018 Massachusetts Integrate	ed Listed Water
Discharge directly to Broad Marsh River	
MA95-49 Catagory 4A Estuary	
Pollutants: Fecal Coliform	
Pipe: Circular 12 inch HDPE	
SNEP Project: Yes	
Urbanized: Yes	
Sewered: Yes	
Inventory Date 4/19/2016	
6 No Flow Observations	
Rating by Weather (0-5): Wet : 1 Dry : No Data or No Flow	

#### Recommnedation:

DW: No flow, no issues. WW: Moderate Bact levels. WW Rank: Bact (1), Total 1. Some of this drainage is treated with an infiltration structures (around municipal complex). Recommend: Check functioning status of exting structures during a rain. Clean out as needed. Install additional management practices for treating bacteria if needed. BMR Impair: Bact.





MS4 Ranking: High Priority Outfall

Status: Some Concern Warranted - Consider Corrective Action

# Stormwater Report for: WWA1091PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP08-A	9/19/2016	WWA1091PI	pipe	0 hrs	1.3 in	none	6.75	24.9 C	0.01 ppt	0 ppm		0 ppm	0.25 ppm
7WM25OCT03-A-D	10/25/2017	WWA1091PI	pipe	0 hrs	0.59 in	none	6.57	20.8 C	0.01 ppt	0 ppm		0 ppm	0.25 ppm
7WM25OCT03-A	10/25/2017	WWA1091PI	pipe	0 hrs	0.59 in	none	6.78	21 C	0.01 ppt	0 ppm		0 ppm	0.25 ppm
9WA13JUN10-A	6/13/2019	WWA1091PI	pipe	0 hrs	1.26 in	none	8.20	18 C	0.01 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP08-A	1900											
7WM25OCT03-A-D	5000											
7WM25OCT03-A	6200											
9WA13JUN10-A	1110											

### Stormwater Report for Catchment: WWA1092PI

BBSC

Report Created on: 8/9/2023

### in the Town of Wareham

2018 M	assachusetts Integrated Listed Water
Discharge direc	tly to Broad Marsh River
MA95-49	Catagory 4A Estuary
Pollutants: Feca	al Coliform
Pipe: Circula	ar 15 inch HDPE
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/19/2016
5 No Flow O	bservations
Rating by Wea	hther (0-5):
Wet : 1	
	or No Flow

#### Recommnedation:

DW: No flow, no issues. WW: Moderate Bact levels. WW Rank: Bact (1), Total 1. Recommend: Continue WW monitoring. BMR Impair: Bact.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1092PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP06-A	9/19/2016	WWA1092PI	pipe	0 hrs	1.3 in	none	6.92	24.3 C	0.01 ppt	0 ppm		0 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP06-A	3400											

### Stormwater Report for Catchment: WWA1095PI

Report Created on: 8/9/2023

Wareham

## in the Town of Wareham

Viking Drive	-
2018 Massachusetts Integrated Listed Water	
Discharge directly to Broad Marsh River	
MA95-49 Catagory 4A Estuary	
Pollutants: Fecal Coliform	
Pipe: 15 inch HDPE	
SNEP Project: Yes	
Urbanized: Yes	2
Sewered: Yes	
Inventory Date 4/19/2016	
5 No Flow Observations	
Rating by Weather (0-5):	
Wet : 1	1
Dry : No Data or No Flow	20/
	5/2
Decementedation	15

BBS



200 Feet

100

50

#### Recommnedation:

DW: No flow, no issues. WW: Moderate Bact levels. WW Rank: Bact (1), Total 1. Some of this drainage is treated with an infiltration structures (around municipal complex). Recommend: Check functioning status of exting structures during a rain. Clean out as needed. Install additional management practices for treating bacteria if needed. BMR Impair: Bact.

MS4 Ranking: High Priority Outfall

Status: Some Concern Warranted - Consider Corrective Action

Status and Recommendation based on the opinion of the BBNEP.

# Stormwater Report for: WWA1095PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP07-A	9/19/2016	WWA1095PI	pipe	0 hrs	1.3 in	none	6.34	24.2 C	0.01 ppt	0 ppm		0 ppm	0 ppm
7WM250CT02-A	10/25/2017	WWA1095PI	pipe	0 hrs	0.55 in	none	7.29	20.8 C	0.01 ppt	0 ppm		0 ppm	0.25 ppm
9WA13JUN09-A	6/13/2019	WWA1095PI	pipe	0 hrs	1.35 in	none	7.47	17.7 C	0.01 ppt	0.25 ppm	0 mg/l	0 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP07-A	2500											
7WM250CT02-A	7500											
9WA13JUN09-A	3300											

### Stormwater Report for Catchment: WWA1102PI

Report Created on: 8/9/2023

### in the Town of Wareham

Oak Street	
2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circu	ar 12 inch Corrugated Metal
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	e 4/13/2016
8 No Flow (	Dbservations
Rating by We Wet : 2	ather (0-5):
Dry : No Data	a or No Flow

#### Recommnedation:

DW: No flow, no issues. WW: High Bact levels. WW Rank (1 sample): Bact (2), Total 2. Recommend: Continue WW monitoring. Install management practices for treating bacteria. Warh R Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1102PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP04-A	9/19/2016	WWA1102PI	pipe	0 hrs	1.1 in	none	7.05	24.4 C	0.02 ppt	0 ppm		0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N A	mmonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP04-A	34000											

### Stormwater Report for Catchment: WWA1103PI

#### Report Created on: 8/9/2023

### in the Town of Wareham

Warr Ave and Main Street

#### 2018 Massachusetts Integrated Listed Water

Discharge directly to Wareham River

MA95-03

Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform

Catagory 5 Estuary

Pipe: C	ircula	r 8 in	ch Iron			
SNEP Proj	ect:	Yes				
Urbanized		Yes	[	Gene	La A	4
Sewered:		Yes			-	
Inventory	Date	8/	/22/202	22		
3 No Fl	ow Ol	bserva	ations	61		
			0.5			
Rating by	wea	tner (	0-5):		-	
Wet : 5				1	6.45	
Dry: No	Data	or No	Flow		Real	



BBS

#### Recommnedation:

DW: No flow, no issues. Although the samples from this CB were in the sump, there is concern of the high counts of bact, even with a small amount or rain or 24 hours after a rain. Recommend: Continue WW monitoring of WWA1443CB. If sample is in sump, make a note in data sheets regarding flow status (flowing, stagnent). Investigate for possible ID. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1103PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA28SEP09-S	9/28/2016	WWA1433CB	sump	24 hrs	0.39 in	none	7.04	20.4 C	0.06 ppt	0 ppm		0.44 ppm	0.125 ppm
6WA24OCT01-S-D	10/24/2016	WWA1433CB	sump	1 hrs	0.2 in	none	7.52	13.9 C	0.03 ppt	0.25 ppm		0.44 ppm	0.125 ppm
6WA24OCT01-S	10/24/2016	WWA1433CB	sump	1 hrs	0.2 in	none	7.85	13.8 C	0.04 ppt	0.25 ppm		0.44 ppm	0.125 ppm
9WA23AUG03-B	8/23/2019	WWA1103PI	pipe	0 hrs	0.09 in	none	7.28	22.5 C	0.03 ppt	0.5 ppm	0 mg/l	0.88 ppm	1 ppm
9WA23AUG03-A	8/23/2019	WWA1103PI	pipe	0 hrs	0.09 in	none	7.20	22.6 C	0.03 ppt	1 ppm	0 mg/l	0.88 ppm	1 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA28SEP09-S	34000											
6WA24OCT01-S-D	54000											
6WA24OCT01-S	48000											
9WA23AUG03-B	120000											
9WA23AUG03-A	131000											

### Stormwater Report for Catchment: WWA1114PI

BBSC

Report Created on: 8/9/2023

### in the Town of Wareham

Main Street	
2018 M	assachusetts Integrated Listed Water
Discharge direc	tly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	r 12 inch PVC
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	8/22/2022
4 No Flow O	bservations
Rating by Wea	ther (0-5):
Wet : 5	
Dry: No Data	or No Flow

#### Wareham home the home



MS4 Ranking: High Priority Outfall

Recommnedation:

R Impair: Bact and N.

Status: Some Concern Warranted - Consider Corrective Action

DW: No flow, no issues. WW Rank (2 samples): Bact (2),

Nitrates/Surf (1 ea), Total 4. Recommend: Investigate for possible ID and construct a management practice for bacteria treatment. Warh

# Stormwater Report for: WWA1114PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
7WA20JUN01-A-D	6/20/2017	WWA1114PI	pipe	0 hrs	0.24 in	none	7.10	21.6 C	1.76 ppt	0.25 ppm		1.76 ppm	0.75 ppm
7WA20JUN01-A	6/20/2017	WWA1114PI	pipe	0 hrs	0.24 in	none	7.29	21.5 C	1.74 ppt	0.25 ppm		1.76 ppm	0.75 ppm
7WA30AUG03-A	8/30/2017	WWA1114PI	pipe	1 hrs	0.75 in	none	6.75	17 C	0.33 ppt	0.5 ppm		0.44 ppm	0.5 ppm
9WM23JUL02-A	7/23/2019	WWA1114PI	pipe	2 hrs	1.3 in	none	7.63	22.6 C	1.22 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm
9WA23AUG02-A	8/23/2019	WWA1114PI	pipe	0 hrs	0.07 in	none	7.44	23 C	1.8 ppt	3 ppm	0 mg/l	0.88 ppm	1 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
7WA20JUN01-A-D	86000											
7WA20JUN01-A	76000											
7WA30AUG03-A	7300											
9WM23JUL02-A	45000											
9WA23AUG02-A	102000											

### Stormwater Report for Catchment: WWA1115PI

BBSC

Report Created on: 8/9/2023

### in the Town of Wareham

Narrows Road	
2018 M	assachusetts Integrated Listed Water
Discharge direct	ly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	15 inch Concrete
SNEP Project:	/es
Urbanized:	/es
Sewered:	/es
Inventory Date	5/9/2016
7 No Flow O	oservations
Rating by Wea	her (0-5):
Wet: 4	
Dry : 5	

#### Recommnedation:

DW: No flow, no issues. WW Rank (1 sample): Bact (2), Nitrates/Surf (1 ea), Total 4. Recommend: Continue WW monitoring, Investigate for possible ID and construct a management practice for bacteria treatment. Warh R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1115PI

### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
7WA20JUN02-A	6/20/2017	WWA1115PI	pipe	0 hrs	0.24 in	none	7.71	21.7 C	0.05 ppt	0.25 ppm		1.76 ppm	0.75 ppm
9WM18JUL01-A	7/18/2019	WWA1115PI	pipe	3 hrs	0.45 in	none	7.80	26.8 C	0.08 ppt	1 ppm	0 mg/l	3.52 ppm	0.75 ppm
9WA23OCT01-A	10/23/2019	WWA1115PI	pipe	0 hrs	1.1 in	Color, Odor	7.66	19.39 C	0.01 ppt	0.5 ppm	36 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
7WA20JUN02-A	44000											
9WM18JUL01-A	11200											
9WA23OCT01-A	2580											

## Stormwater Report for Catchment: WWA1117PI

BBSC

Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

Pollutants: Algae, Nitrogen (Total), Fecal Coliform  Pipe: Circular 15 inch Concrete  SNEP Project: No Urbanized: Yes Sewered: Yes nventory Date 6/7/2021  O No Flow Observations  Rating by Weather (0-5): Wet : No Data Dry : 1	2018 Ma	ssachusetts Integrated Listed Water
Pollutants: Algae, Nitrogen (Total), Fecal Coliform  Pipe: Circular 15 inch Concrete  SNEP Project: No Urbanized: Yes Sewered: Yes nventory Date 6/7/2021  O No Flow Observations  Rating by Weather (0-5): Wet : No Data Dry : 1	Discharge directl	y to Agawam River
Pipe: Circular 15 inch Concrete   SNEP Project: No   Jrbanized: Yes   Gewered: Yes   nventory Date 6/7/2021   O No Flow Observations   Rating by Weather (0-5):   Wet : No Data   Ory : 1	MA95-29	Catagory 5 Estuary
SNEP Project: No   Jrbanized: Yes   Sewered: Yes   nventory Date 6/7/2021   O No Flow Observations   Rating by Weather (0-5):   Wet : No Data   Ory : 1	Pollutants: Algae	, Nitrogen (Total), Fecal Coliform
Jrbanized: Yes   Sewered: Yes   nventory Date 6/7/2021   O No Flow Observations   Rating by Weather (0-5):   Wet : No Data   Ory : 1	Pipe: Circular	15 inch Concrete
Recommnedation:	Urbanized: Y Sewered: Y Inventory Date 0 No Flow Ob Rating by Weat Wet : No Data Dry : 1	es 6/7/2021 servations her (0-5):





#### Status and Recommendation based on the opinion of the BBNEP.

Status:

# Stormwater Report for: WWA1117PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA22APR01-A	4/22/2019	WWA1510CB	pipe	20 hrs	1.09 in	none	8.20	18.5 C	0.65 ppt	0.25 ppm	0 mg/l	0.88 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA22APR01-A	16	< 4										

## Stormwater Report for Catchment: WWA1121PI

BBSC

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

2018 Massachusetts Integrated Listed Water										
Discharge dire	ectly to Agawam River									
MA95-29	Catagory 5 Estuary									
Pollutants: Alg	gae, Nitrogen (Total), Fecal Coliform									
Pipe: Circu	lar 18 inch Concrete									
SNEP Project:	No									
Urbanized:	Yes									
Sewered:	THE ALLAN									
Inventory Dat	e 6/7/2021									
0 No Flow	Observations									
Rating by We										
Wet : No Data										
Dry : 3										
Recommneda	tion:									





#### Status and Recommendation based on the opinion of the BBNEP.

MS4 Ranking: High Priority Outfall

Status:

# Stormwater Report for: WWA1121PI

Report Created on: 8/9/2023

Page 2 of 2

Field Results													
SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA17AUG01-A	8/17/2022	WWA1121PI	pipe	8 hrs	0.03 in	Color	7.53	23.7 C	0.15 ppt	0.25 ppm	6 ppb	0.88 ppm	3 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA17AUG01-A		< 1000		BRL		0.88 mg/L	BRL	NEP Calc 0.88 mg/L				

## Stormwater Report for Catchment: WWA1122PI

Report Created on: 8/9/2023

### in the Town of Wareham

2018 Ma	assachusetts Integrated Listed Water
Discharge direct	ly to Wankinco River
MA95-50	Catagory 4A Estuary
Pollutants: Feca	Coliform
Pipe: Circular	Concrete
SNEP Project:	No
Urbanized:	/es
Sewered:	
Inventory Date	6/7/2021
0 No Flow Ob	oservations
Rating by Weat	her (0-5):
Wet : 2	
Dry : No Data o	or No Flow
Recommnedatio	in.



MS4 Ranking: High Priority Outfall

Status:

Status and Recommendation based on the opinion of the BBNEP.

# Stormwater Report for: WWA1122PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA06SEP05-A	9/6/2022	WWA1122PI	sump	0 hrs	1.72 in	none	7.38	21.5 C	0.02 ppt	0 ppm	6 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA06SEP05-A	6000											

## Stormwater Report for Catchment: WWA1124PI

BBSC

Report Created on: 8/9/2023

## in the Town of Wareham

Mearchants Way	
2018 Massachusetts In	tegrated Listed Water
Discharge directly to Wankinco R	liver
MA95-50 Catagory 4A E	stuary
Pollutants: Fecal Coliform	
Pipe: Circular 24 inch Steel	
SNEP Project: Yes	
Urbanized: Yes	
Sewered: Yes	
Inventory Date 6/7/2021	
3 No Flow Observations	A Read
Rating by Weather (0-5):	2025 Street
Wet : 4	
Dry: 3	
L]	Cal Cal

#### Recommnedation:

DW with flows, moderate bact. Rank: Bact (1), Nitrates(1), Total 2. WW rank: Bact (2), Nitrates (1). Total 3. Recommend: Investigate for potenial ID. Construct management practice for bacteria. Wank R Impair: Bact.





MS4 Ranking: High Priority Outfall

Status: Some Concern Warranted - Consider Corrective Action

# Stormwater Report for: WWA1124PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA25AUG01-06	8/25/2016	WWA1124PI	pipe	76 hrs	0 in	none	7.05	23.9 C	0.64 ppt	0.25 ppm		3.52 ppm	< 0.125 ppm
6WA25AUG01-05	8/25/2016	WWA1124PI	pipe	76 hrs	0 in	none	6.59	23.3 C	0.54 ppt	0 ppm		4.4 ppm	< 0.125 ppm
6WA25AUG01-04	8/25/2016	WWA1124PI	pipe	76 hrs	0 in	none	6.57	23.8 C	0.53 ppt	0 ppm		4.4 ppm	< 0.125 ppm
6WA25AUG01-03	8/25/2016	WWA1124PI	pipe	76 hrs	0 in	none	6.56	23.4 C	0.52 ppt	0.25 ppm		4.4 ppm	< 0.125 ppm
6WA25AUG01-02	8/25/2016	WWA1124PI	pipe	76 hrs	0 in	none	6.64	23.8 C	0.55 ppt	0.25 ppm		4.4 ppm	< 0.125 ppm
6WA25AUG01-01	8/25/2016	WWA1124PI	pipe	76 hrs	0 in	none	6.68	25.2 C	0.63 ppt	0.25 ppm		4.4 ppm	< 0.125 ppm
6WA27SEP08-A	9/27/2016	WWA1124PI	pipe	0 hrs	0.35 in	none	6.59	22.4 C	0.17 ppt	0 ppm		3.52 ppm	0.5 ppm
6WA210CT01-A-D	10/21/2016	WWA1124PI	pipe	272 hrs	0 in	none	6.72	19.7 C	0.33 ppt	0.25 ppm		4.4 ppm	0.05 ppm
6WA21OCT01-A	10/21/2016	WWA1124PI	pipe	272 hrs	0 in	none	6.81	19.6 C	0.51 ppt	0.25 ppm		4.4 ppm	0.05 ppm
6WA24OCT02-A	10/24/2016	WWA1124PI	pipe	2 hrs	0.2 in	none	6.89	15.6 C	0.25 ppt	0.25 ppm		4.4 ppm	0.125 ppm
7WA20JUN03-A	6/20/2017	WWA1124PI	pipe	2 hrs	0.24 in	none	6.39	20.2 C	0.59 ppt	0.25 ppm		4.4 ppm	0.1 ppm
7WM250CT01-A	10/25/2017	WWA1124PI	pipe	0 hrs	0.51 in	none	7.49	20.9 C	0.27 ppt	0.5 ppm		0 ppm	0.25 ppm
9WA17APR02-A	4/17/2019	WWA1124PI	pipe	41 hrs	0.01 in	none	6.50	12.3 C	0.7 ppt	0.25 ppm	0 mg/l	4.4 ppm	0.75 ppm
9WA14MAY04-A	5/14/2019	WWA1124PI	pipe	0 hrs	1.06 in	none	7.06	14.1 C	0.49 ppt	0.25 ppm	0 mg/l	1.76 ppm	0.25 ppm
9WA09JUL02-A	7/9/2019	WWA1124PI	pipe	58 hrs	0 in	none	6.85	24.8 C	0.53 ppt	0.25 ppm	0 mg/l	2.64 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA25AUG01-06	100	1000										
6WA25AUG01-05	< 100	1300										
6WA25AUG01-04	< 100	< 100										
6WA25AUG01-03	< 100	3400										
6WA25AUG01-02	< 100	3200										
6WA25AUG01-01	< 100	5200										
6WA27SEP08-A	25000											
6WA21OCT01-A-D	200											
6WA21OCT01-A	200											
6WA24OCT02-A	2700											
7WA20JUN03-A	32000											
7WM250CT01-A	52000											
9WA17APR02-A	< 4	< 4										
9WA14MAY04-A	320											
9WA09JUL02-A	< 10											

## Stormwater Report for Catchment: WWA1131PI

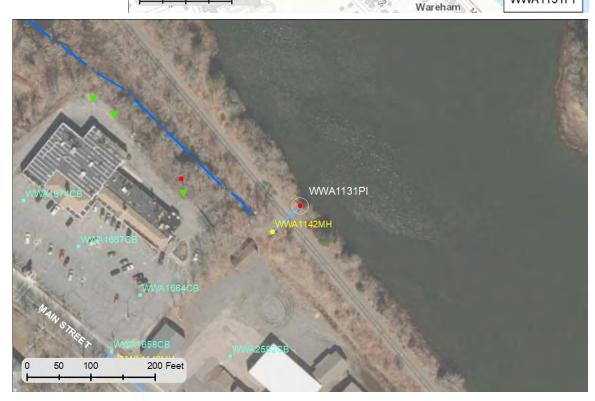
BBSC

Report Created on: 8/9/2023

## in the Town of Wareham

Main Street	
2018	Massachusetts Integrated Listed Water
Discharge dire	ectly to Wankinco River
MA95-50	Catagory 4A Estuary
Pollutants: Fee	cal Coliform
Pipe: Arch	36 inch Concrete
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	e 5/2/2016
4 No Flow	Observations
Rating by We	eather (0-5):
Wet : 4	
Dry: 3	

# Part and Rd and



Recommnedation:

DW: no flows, no issues. WW rank (1 Sample): Bact (2), Nitrates/Surf (1 ea). Total 4. Recommend: Continue WW monitoring, investigate for ID, construct management practice for bacteria. Wank R Impair: Bact.

MS4 Ranking: High Priority Outfall

Status: Some Concern Warranted - Continue Monitoring

# Stormwater Report for: WWA1131PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA19SEP05-A	9/19/2016	WWA1142MH	surface	0 hrs	1.1 in	none	7.04	24.1 C	> 10 ppt	0.25 ppm		0.88 ppm	1.5 ppm
6WA27SEP09-A	9/27/2016	WWA1131PI	pipe	0 hrs	0.35 in	none	6.61	21.8 C	4.33 ppt	0.25 ppm		0.88 ppm	1 ppm
9WA17APR01-A	4/17/2019	WWA1142MH	surface	40 hrs	0.08 in	Odor	7.30	10.8 C	0.49 ppt	0.25 ppm	0 mg/l	0.88 ppm	0.25 ppm
9WA17APR03-A	4/17/2019	WWA1142MH	surface	42 hrs	0.01 in	Odor	7.10	14.5 C	0.49 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm
9WA22APR02-A	4/22/2019	WWA1142MH	surface	22 hrs	1.08 in	none	6.90	13.5 C	1.26 ppt	0.25 ppm	0 mg/l	0.88 ppm	2 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA19SEP05-A	41000											
6WA27SEP09-A	73000											
9WA17APR01-A	60	48										
9WA17APR03-A	84	32										
9WA22APR02-A	68	100										

## Stormwater Report for Catchment: WWA1159PI

Report Created on: 8/9/2023

## in the Town of Wareham

Sand Piper Terrace at house 24
2018 Massachusetts Integrated Listed Water
Discharge directly to Agawam River
MA95-29 Catagory 5 Estuary
Pollutants: Algae, Nitrogen (Total), Fecal Coliform
Pipe:
SNEP Project: Yes
Urbanized: Yes
Sewered: No
Inventory Date
3 No Flow Observations
Rating by Weather (0-5):
Wet : 3
Dry : No Data or No Flow

#### Recommnedation:

DW: no flows, no issues. WW rank (2 samples): Bact (1), Nitrates (1). Total 2. Recommend: Unless there is a change in the watershed, discontinue monitoring. Agaw R Impair: Bact.and N.



MS4 Ranking: High Priority Outfall

Status: No Apparent Issues - Allocate Resources Elsewhere

# Stormwater Report for: WWA1159PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
7WA31MAY01-A-D	5/31/2017	WWA1804CB	pipe	0 hrs	0.08 in	none	7.61	19.3 C	0.01 ppt	0.25 ppm		0.88 ppm	0.125 ppm
7WA31MAY01-A	5/31/2017	WWA1804CB	pipe	0 hrs	0.08 in	none	8.32	19.7 C	0.03 ppt	0.25 ppm		0.88 ppm	0.125 ppm
9WM23OCT03-A	10/23/2019	WWA1804CB	pipe	0 hrs	1.11 in	none	7.40	18.8 C	0 ppt	0 ppm	35 ppb	0.88 ppm	0.5 ppm

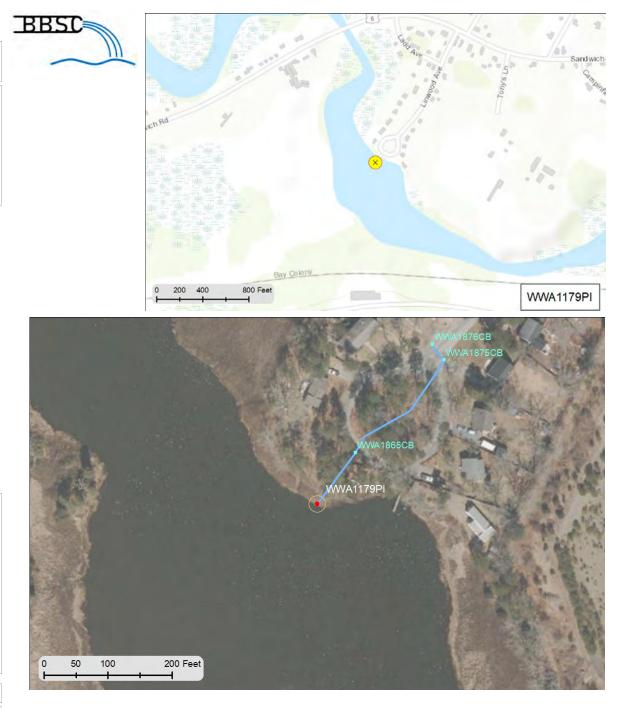
SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
7WA31MAY01-A-D	400											
7WA31MAY01-A	300											
9WM23OCT03-A	420											

## Stormwater Report for Catchment: WWA1179PI

#### Report Created on: 8/9/2023

## in the Town of Wareham

Linwood Avenue	
2018 Ma	ssachusetts Integrated Listed Water
Discharge directly	y to Agawam River
MA95-29	Catagory 5 Estuary
Pollutants: Algae	, Nitrogen (Total), Fecal Coliform
Pipe:	
SNEP Project: Y	es
Urbanized: Y	es
Sewered: Y	es
Inventory Date	
4 No Flow Ob	servations
Rating by Weatl	her (0-5):
Wet : No Data	
Dry: No Data o	r No Flow
Recommnedation	n:
	issues. WW rank (1 sample): Bact (1), Total 1. ntinue WW monitoring. Agaw R Impair: Bact and N



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWA1179PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA24OCT09-S	10/24/2016	WWA1865CB	sump	5 hrs	0.2 in	none	6.29	16.9 C	0.01 ppt	0.25 ppm		0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA24OCT09-S	1200											

## Stormwater Report for Catchment: WWA1349PI

Report Created on: 8/9/2023

#### Page 1 of 2

## in the Town of Wareham

Worrall Avenue	2
2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Est Coliform	uarine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	2
4 No Flow (	Dbservations
Rating by We Wet : 2 Dry : No Data	
Recommnedat	ion:
-	no issues. WW rank (1 sample): Bact (1), Total 1. Continue WW monitoring. Warh R Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA27SEP05-A	9/27/2016	WWA1184CB	surface	0 hrs	0.31 in	none	6.73	21.8 C	0.02 ppt	0.25 ppm		0.88 ppm	0.25 ppm
6WA24OCT03-S	10/24/2016	WWA1184CB	sump	2 hrs	0.2 in	none	7.19	14.6 C	0.01 ppt	0.25 ppm		0.88 ppm	0.625 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA27SEP05-A	2700											
6WA24OCT03-S	3100											

## Stormwater Report for Catchment: WWA1351PI

BBSC

Report Created on: 8/9/2023

## in the Town of Wareham

2018	Massachusetts Integrated Listed Water
Discharge dire	ectly to Wareham River
MA95-03	Catagory 5 Estuary
Pollutants: Es Coliform	tuarine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circu	ılar 12 inch PVC
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Dat	e 8/22/2022
0 No Flow	Observations
Rating by W	eather (0-5):
Wet : 5	
Dry : No Dat	a or No Flow

Recommnedation:



Status: Evaluation Not Complete





# Stormwater Report for: WWA1351PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA23AUG01-A	8/23/2019	WWA1351PI	pipe	0 hrs	0.07 in	none	7.27	23.1 C	2.57 ppt	1 ppm	10 ppb	1.76 ppm	0.75 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA23AUG01-A	65000											

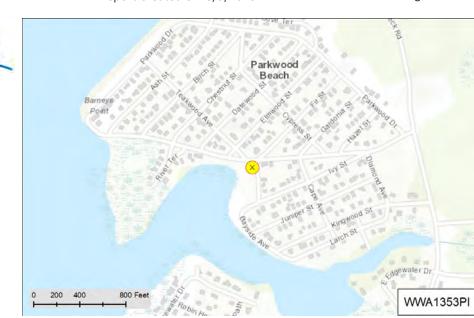
## Stormwater Report for Catchment: WWA1353PI

BBSC

Report Created on: 8/9/2023

## in the Town of Wareham

Dilutants: Enterococcus, Fecal Coliform   Pipe:   NEP Project:   No   rbanized:   Yes   ewered:   ventory Date   0   No Flow Observations   ating by Weather (0-5):	2018 N	Aassachusetts Integrated Listed Wa	ater
Pipe:   NEP Project: No rbanized: Yes ewered: ventory Date 0 No Flow Observations rating by Weather (0-5): ret : 3 ry : No Data or No Flow	Discharge dire	ctly to Crooked River	
Pipe: No NEP Project: No rbanized: Yes ewered: Ventory Date 0 No Flow Observations ating by Weather (0-5): ret : 3 ry : No Data or No Flow	MA95-51	Catagory 4A Estuary	
NEP Project: No rbanized: Yes ewered: ventory Date 0 No Flow Observations rating by Weather (0-5): ret : 3 ry : No Data or No Flow	Pollutants: Ent	erococcus, Fecal Coliform	
rbanized: Yes ewered: ventory Date 0 No Flow Observations rating by Weather (0-5): ret : 3 ry : No Data or No Flow	Pipe:		
rbanized: Yes ewered: ventory Date 0 No Flow Observations rating by Weather (0-5): ret : 3 ry : No Data or No Flow	SNEP Project:	No	
ventory Date 0 No Flow Observations ating by Weather (0-5): ret : 3 ry : No Data or No Flow	Urbanized:	Yes	
0 No Flow Observations <b>ating by Weather (0-5):</b> Tet : 3 Try : No Data or No Flow	Sewered:		
0 No Flow Observations <b>ating by Weather (0-5):</b> Tet : 3 Try : No Data or No Flow	Inventory Date	2	
ating by Weather (0-5): Tet : 3 Ty : No Data or No Flow			
Yet : 3 ry : No Data or No Flow			
ry : No Data or No Flow		ather (0-5):	
	Wet : 3		
ecommnedation:	Dry : No Data	or No Flow	
ecommnedation:			
	Recommnedat	ion:	





MS4 Ranking: High Priority Outfall

Status:

# Stormwater Report for: WWA1353PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA06SEP01-A	9/6/2022	WWA1299CB	pipe	0 hrs	1.4 in	none	8.85	19.8 C	0.01 ppt	0.25 ppm	26 ppb	0.88 ppm	0.75 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA06SEP01-A	5000											

## Stormwater Report for Catchment: WWA1354PI

Report Created on: 8/9/2023

## in the Town of Wareham

Bayside Avenue	
2018 N	lassachusetts Integrated Listed Water
Discharge dired	ctly to Crooked River
MA95-51	Catagory 4A Estuary
Pollutants: Ent	erococcus, Fecal Coliform
Pipe:	
SNEP Project:	No
Urbanized:	Yes
Sewered:	
Inventory Date	
0 No Flow C	Dbservations
Rating by Wea Wet : 2 Dry : No Data	or No Flow
MS4 Ranking:	High Priority Outfall



Status:

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
2WA06SEP02-A	9/6/2022	WWA2553CB	sump	0 hrs	1.46 in	none	7.60	19.2 C	0.01 ppt	0.25 ppm	32 ppb	0.88 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
2WA06SEP02-A	8000											

## Stormwater Report for Catchment: WWE1001PI

BBSC

#### Report Created on: 8/9/2023

## in the Town of Wareham

Roosevelt Street
2018 Massachusetts Integrated Listed Water
Discharge directly to Beaverdam Creek
MA95-53 Catagory 5 Estuary
Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform
Pipe:
SNEP Project: Yes
Urbanized: Yes
Sewered: Yes
Inventory Date
1 No Flow Observations
Rating by Weather (0-5):Wet :No DataDry :No Data or No Flow
Recommnedation:

No fresh water samples. Recommend: continue with WW samples, collect samples from the road surface at WWE1702CB and WWE1005CB. Wewe R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWE1001PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA210CT07-S	10/21/2016	WWE1702CB	sump	275 hrs	0 in	none	6.48	21.9 C	9.54 ppt	0.25 ppm		0.44 ppm	> 3 ppm
6WA24OCT06-S	10/24/2016	WWE1702CB	sump	3 hrs	0.2 in	none	7.31	17.6 C	7.46 ppt	0.5 ppm		0.44 ppm	1.5 ppm
6WA26OCT02-S-D	10/26/2016	WWE1005CB	sump	42 hrs	0.04 in	none	6.60	14.6 C	8.11 ppt	0.5 ppm		0 ppm	1.5 ppm
6WA26OCT02-S	10/26/2016	WWE1005CB	sump	42 hrs	0.04 in	none	6.49	14.9 C	8.08 ppt	0.5 ppm		0 ppm	1.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA21OCT07-S	1000											
6WA24OCT06-S	400											
6WA26OCT02-S-D	< 100											
6WA26OCT02-S	200											

## Stormwater Report for Catchment: WWE1002PI

BBS

#### Report Created on: 8/9/2023

## in the Town of Wareham

end of Briarwood Drive

## 2018 Massachusetts Integrated Listed Water

Discharge directly to Beaverdam Creek

MA95-53

A95-53

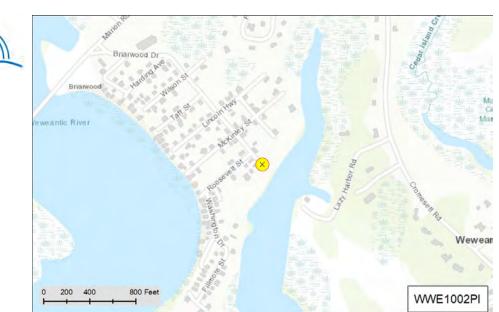
Pollutants: Estuarine Bioassessments, Nitrogen (Total), Fecal Coliform

Catagory 5 Estuary

Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	
3 No Flow C	Observations
Rating by Wea	ather (0-5):
Wet : No Data	
Dry : No Data	or No Flow

#### Recommnedation:

WW Rank (1 sample): Bact (2), Total 2. Recommend: Continue monitoring both DW and WW. During DW, monitor only if there is evidence of flow. If stagnant (not flowing), make a note on the data sheet. Continue WW sampling at WWE1001MH as the bacteria counts are significantly higher than DW. Investigate for potential ID. Wewe R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWE1002PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA210CT08-S	10/21/2016	WWE1001MH	sump	275 hrs	0 in	none	6.68	22.3 C	0.74 ppt	3 ppm		0.44 ppm	0.125 ppm
6WA24OCT05-S	10/24/2016	WWE1001MH	sump	3 hrs	0.2 in	none	6.75	18.2 C	0.05 ppt	0.25 ppm		0 ppm	0.125 ppm
6WA26OCT01-S	10/26/2016	WWE1001MH	sump	42 hrs	0.04 in	none	6.92	16.3 C	0.07 ppt	0.5 ppm		0 ppm	0.125 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA21OCT08-S	900											
6WA24OCT05-S	46000											
6WA26OCT01-S	2000											

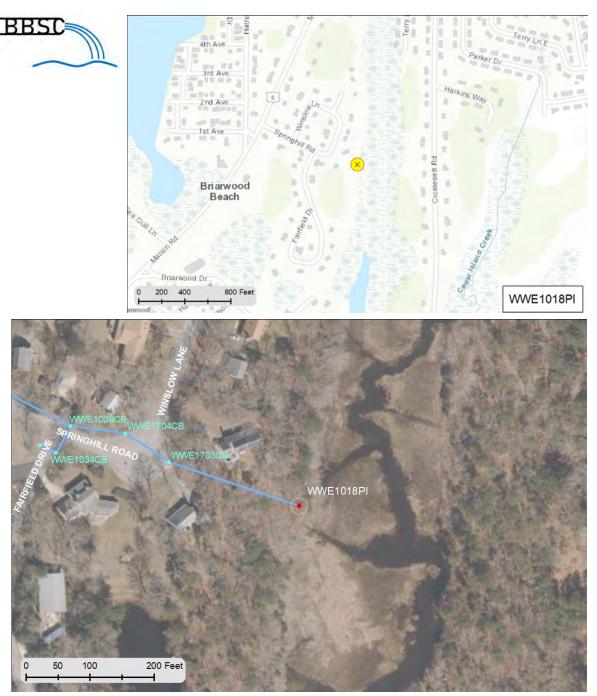
## Stormwater Report for Catchment: WWE1018PI

#### Report Created on: 8/9/2023

## in the Town of Wareham

2018 M	assachusetts Integrated Listed Water
Discharge direct	tly to Beaverdam Creek
MA95-53	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	r 12 inch Concrete
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
nventory Date	6/28/2021
5 No Flow Ol	oservations
Rating by Wea	ther (0-5):
Wet : 4	
Dry: 0	
Recommnedatio	
	o issues. WW: no samples collected. Recommend:
	in WW. Bvd Crk Impair: Bact and N.

0



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWE1018PI

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WA09JUL01-A	7/9/2019	WWE1018PI	pipe	57 hrs	0 in	none	6.40	24.2 C	0.15 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm
9WM13AUG02-A	8/13/2019	WWE1018PI	surface	0 hrs	0.08 in	none	6.80	22.1 C	0.04 ppt	0.25 ppm	0 mg/l	0.88 ppm	1.5 ppm
9WM12SEP03-A	9/12/2019	WWE1018PI	surface	0 hrs	0.3 in	none		19.1 C	0.01 ppt	0.5 ppm	69 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WA09JUL01-A	< 10											
9WM13AUG02-A	11600											
9WM12SEP03-A	141000											

## Stormwater Report for Catchment: WWE1020PI

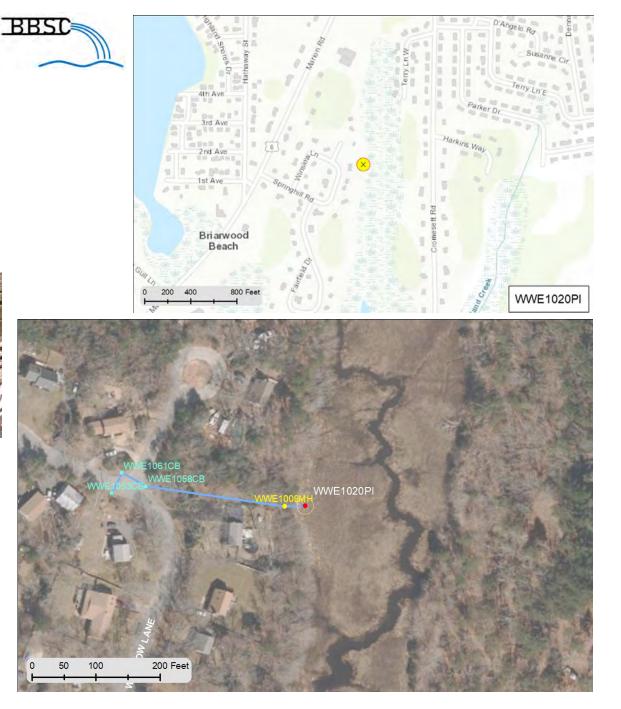
#### Report Created on: 8/9/2023

## in the Town of Wareham

2018 Ma	assachusetts Integrated Listed Water
Discharge direct	ly to Beaverdam Creek
MA95-53	Catagory 5 Estuary
Pollutants: Estua Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe: Circula	r 12 inch Concrete
SNEP Project:	ſes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	4/20/2016
3 No Flow Of	oservations
Rating by Weat	ther (0-5):
Wet : 2	
Dry : No Data o	pr No Elow

#### **Recommnedation:**

DW: No flow, no issues. WW: no samples collected. Recommend: Collect samples in WW. Bvd Crk Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWE1020PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM12SEP02-A	9/12/2019	WWE1020PI	surface	0 hrs	0.24 in	none		20 C	0.02 ppt	0.25 ppm	57 ppb	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM12SEP02-A	11900											

## Stormwater Report for Catchment: WWE1023PI

#### Report Created on: 8/9/2023

## in the Town of Wareham

2018 Ma	ssachusetts Integrated Listed Water
Discharge direct	y to Weweantic River
MA95-05	Catagory 5 Estuary
Pollutants: Estua Enterococcus, Fe	rine Bioassessments, Nitrogen (Total), cal Coliform
Pipe:	
Urbanized: Y	es es es servations
Rating by Weath Wet : 2 Dry : No Data o	r No Flow



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

Bact and N.

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
7WA25OCT02-A	10/25/2017	WWE1155MH	pipe	1 hrs	0.4 in	none	7.64	20 C	1.14 ppt	0.25 ppm		0.88 ppm	0.25 ppm
9WM23JUL08-A	7/23/2019	WWE1023PI	surface	0 hrs	2.6 in	none	6.54	20.6 C	0.02 ppt	0.5 ppm	0 mg/l	0 ppm	0.25 ppm

Sample	elD	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
7WA25OCTC	)2-A	6500											
9WM23JUL0	)8-A	9200											

## Stormwater Report for Catchment: WWE1029PI

#### Report Created on: 8/9/2023

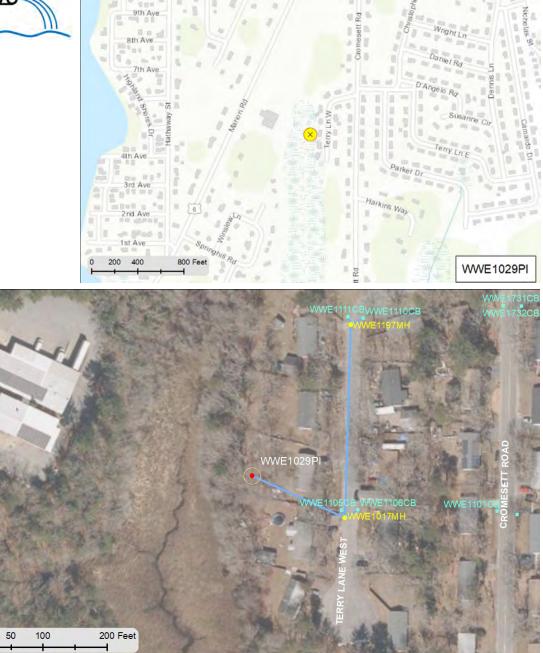
Page 1 of 2

## in the Town of Wareham

Terry Lane West	
2018 M	assachusetts Integrated Listed Water
Discharge direct	tly to Beaverdam Creek
MA95-53	Catagory 5 Estuary
Pollutants: Estu Coliform	arine Bioassessments, Nitrogen (Total), Fecal
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	
3 No Flow O	bservations
Rating by Wea	ther (0-5):
Wet : No Data	
Dry : No Data	or No Flow
Recommnedatio	
recommedatio	JII.

Recommend: Continue monitoring both DW and WW. During DW, monitor only if there is evidence of flow. If stagnant (not flowing), make a note on the data sheet. Wewe R Impair: Bact and N.





MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA12OCT01-S	10/12/2016	WWE1105CB	sump	55 hrs	0 in	none	6.88	14.3 C	0.28 ppt	0.25 ppm		0 ppm	0.1 ppm
6WA24OCT04-S	10/24/2016	WWE1105CB	sump	3 hrs	0.2 in	none	6.27	17 C	0.01 ppt	0.25 ppm		0 ppm	0.125 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA12OCT01-S	3800											
6WA24OCT04-S	1800											

## Stormwater Report for Catchment: WWE1032PI

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

2018 M	assachusetts Integrated Listed Water
Discharge direc	tly to Weweantic River
MA95-05	Catagory 5 Estuary
Pollutants: Estu Enterococcus, F	arine Bioassessments, Nitrogen (Total), ecal Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	
7 No Flow O	bservations
Rating by Wea Wet : 1 Dry : No Data	or No Flow
DW: No flow, n	o issues. WW: no samples collected. Recommend . Wewe R Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWE1032PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM23JUL06-A	7/23/2019	WWE1156MH	pipe	0 hrs	2.6 in	none	7.42	19 C	0 ppt	0 ppm	0 mg/l	0 ppm	0 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM23JUL06-A	1800											

## Stormwater Report for Catchment: WWE1149PI

Report Created on: 8/9/2023

## in the Town of Wareham

Tenth Avenue
2018 Massachusetts Integrated Listed Water
Discharge directly to Weweantic River
MA95-05 Catagory 5 Estuary
Pollutants: Estuarine Bioassessments, Nitrogen (Total), Enterococcus, Fecal Coliform
Pipe:
SNEP Project: Yes   Urbanized: Yes   Sewered: Yes   Inventory Date
Recommnedation: DW: No flow, no issues. WW: no samples collected. Recommend: Monitor in WW. Wewe R Impair: Bact and N.



Status and Recommendation based on the opinion of the BBNEP.

MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM23JUL05-A	7/23/2019	WWE1701CB	sump	0 hrs	2.5 in	none	7.51	18.8 C	0 ppt	0 ppm	0 mg/l	0 ppm	0.5 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM23JUL05-A	7900											

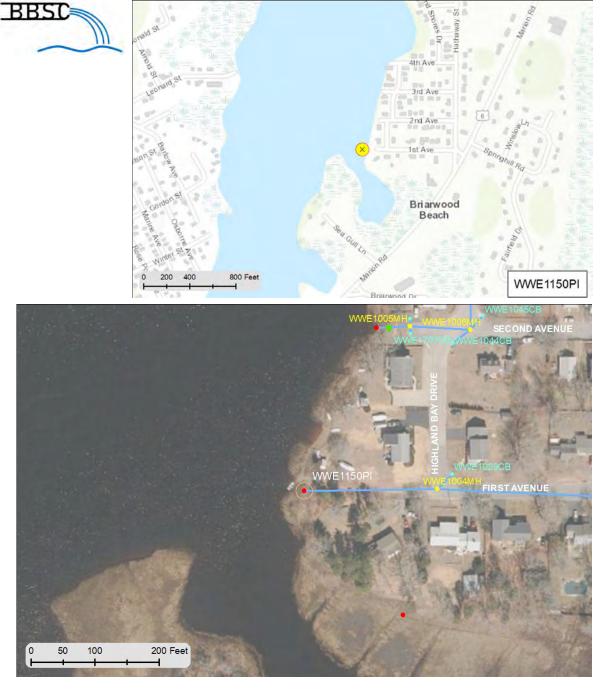
## Stormwater Report for Catchment: WWE1150PI

#### Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

2018	Massachusetts Integrated Listed Water
Discharge dire	ectly to Weweantic River
MA95-05	Catagory 5 Estuary
	tuarine Bioassessments, Nitrogen (Total), , Fecal Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Dat	e
2 No Flow	Observations
Wet : 2 Dry : No Dat	
sample): Bact	no issues. WW: 1 sample collected. WW Rank (1 (2), Total 2. Recommend: Continue monitoring in Impair: Bact and N.



Status: Evaluation Not Complete

## Stormwater Report for: WWE1150PI

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA21OCT09-S	10/21/2016	WWE1004MH	sump	9 hrs	0.09 in	none	6.78	21.2 C	9.62 ppt	0.25 ppm		0.88 ppm	2 ppm
6WA24OCT07-S	10/24/2016	WWE1004MH	sump	3 hrs	0.39 in	none	7.19	18.3 C	0.07 ppt	0.25 ppm		0 ppm	0 ppm
6WA26OCT03-S	10/26/2016	WWE1004MH	sump	40 hrs	0.02 in	none	6.96	16.6 C	0.14 ppt	0.25 ppm		0 ppm	0.125 ppm
7WA25OCT04-A	10/25/2017	WWE1004MH	pipe	0 hrs	0.48 in	Trash	6.50	21.3 C	0.03 ppt	0.25 ppm		0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA21OCT09-S	< 100											
6WA24OCT07-S	1500											
6WA26OCT03-S	400											
7WA25OCT04-A	22000											

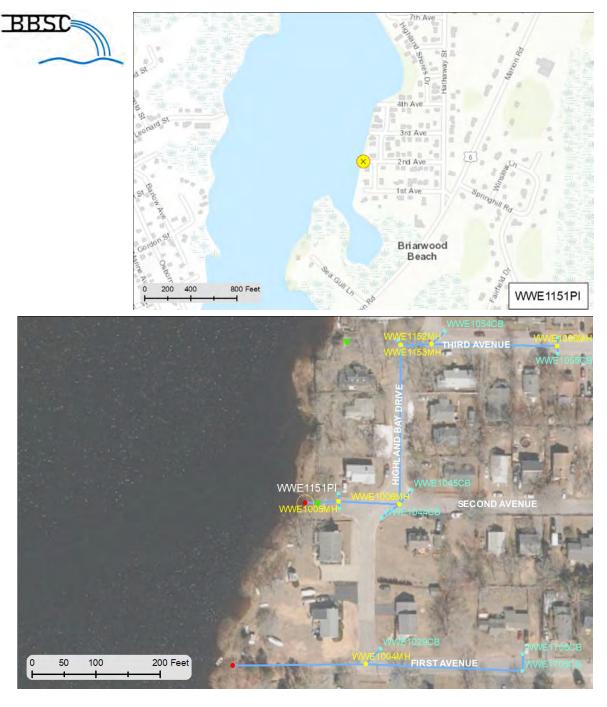
## Stormwater Report for Catchment: WWE1151PI

Report Created on: 8/9/2023

Page 1 of 2

## in the Town of Wareham

2018 N	Aassachusetts Integrated Listed Water
Discharge dire	ctly to Weweantic River
MA95-05	Catagory 5 Estuary
Pollutants: Est Enterococcus,	uarine Bioassessments, Nitrogen (Total), Fecal Coliform
Pipe:	
SNEP Project:	Yes
Urbanized:	Yes
Sewered:	Yes
Inventory Date	2
6 No Flow (	Dbservations
Rating by We Wet : 3 Dry : No Data	
Recommnedat	ion:
sample): Bact (	no issues. WW: 1 sample collected. WW Rank (1 (2), Total 2. Recommend: Continue monitoring in Impair: Bact and N.



-

Status: Evaluation Not Complete

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
7WA25OCT03-A	10/25/2017	WWE1005MH	pipe	0 hrs	0.45 in	none	7.20	21.9 C	0.02 ppt	0.5 ppm		0.88 ppm	0.25 ppm
9WM23JUL07-A	7/23/2019	WWE1005MH	sump	0 hrs	2.6 in	none	7.27	19.5 C	0 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
7WA25OCT03-A	26000											
9WM23JUL07-A	10600											

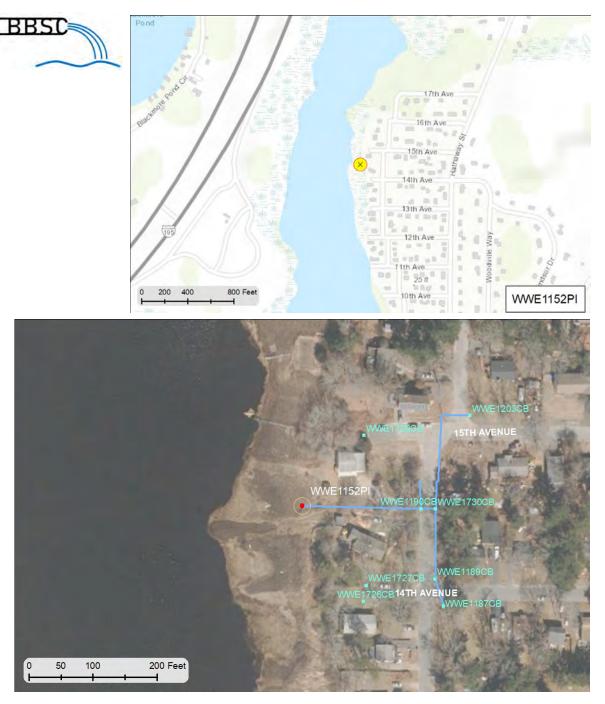
## Stormwater Report for Catchment: WWE1152PI

#### Report Created on: 8/9/2023

Page 1 of 2

# in the Town of Wareham

Highland Shores Dr between 14th and 15th Avenues 2018 Massachusetts Integrated Listed Water Discharge directly to Weweantic River MA95-05 Catagory 5 Estuary Pollutants: Estuarine Bioassessments, Nitrogen (Total), Enterococcus, Fecal Coliform Pipe: SNEP Project: Yes Urbanized: Yes Sewered: Yes **Inventory Date** 4 No Flow Observations Rating by Weather (0-5): Wet: 1 Dry : No Data or No Flow **Recommnedation:** DW: No flow, no issues. WW: no samples collected. Recommend monitoring in WW. Wewe R Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

## **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
6WA24OCT08-S	10/24/2016	WWE1190CB	sump	4 hrs	0.39 in	none	6.43	16.3 C	0.01 ppt	0.25 ppm		0.44 ppm	0.125 ppm
9WM23JUL04-A	7/23/2019	WWE1190CB	sump	0 hrs	2.2 in	none	7.41	20 C	0 ppt	0 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
6WA24OCT08-S	1800											
9WM23JUL04-A	520											

## Stormwater Report for Catchment: WWE1153PI

Report Created on: 8/9/2023

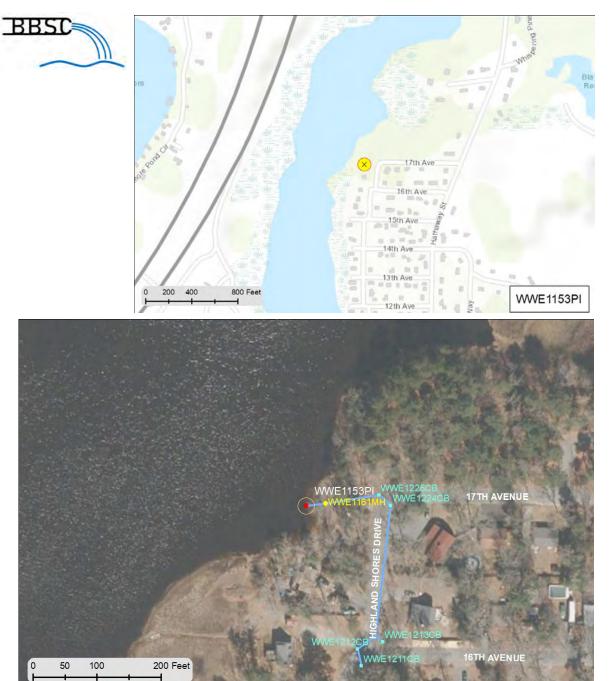
Page 1 of 2

## in the Town of Wareham

end of Seventeenth Ave	
2018 Massachusetts I	ntegrated Listed Water
Discharge directly to Weweantie	c River
MA95-05 Catagory 5 Es	stuary
Pollutants: Estuarine Bioassessn Enterococcus, Fecal Coliform	nents, Nitrogen (Total),
Pipe:	
SNEP Project:YesUrbanized:YesSewered:YesInventory Date	
5 No Flow Observations	
Rating by Weather (0-5):Wet :2Dry :No Data or No Flow	

**Recommnedation:** 

DW: No flow, no issues. WW: Recommend: Monitor for WW, if discharge is brackish or tidally blocked, monitor road surface at both WWE1224CB and WWE1224CB. Wewe R Impair: Bact and N.



MS4 Ranking: High Priority Outfall

Status: Evaluation Not Complete

# Stormwater Report for: WWE1153PI

Page 2 of 2

#### **Field Results**

SampleID	SampleDate	FacilityID	SampleType	Last Rain	48hr Rain	Sensory	рН	Temp.	Salinity	Ammonia	Chlorine	Nitrate	Surfactants
9WM23JUL03-A	7/23/2019	WWE1153PI	pipe	0 hrs	1.9 in	none	8.18	20.8 C	0.01 ppt	0.25 ppm	0 mg/l	0 ppm	0.25 ppm

SampleID	Entero.	Fecal C.	E. coli	Kjeldhal N	Ammonia N	Nitrate N	Nitrite N	Total N	Total P	TSS	DO	BOD
9WM23JUL03-A	32000											