

Storm Water Control Trust
Annual Inspection Report

March 2023

DATE: March 3, 2023

TO: Nancy Leveque, P.E., City Engineering
Raymond Rogozinski, P.E., Director of Public Works

FROM: Jason Morrocco, Project Manager

RE: Storm Water Detention Pond Report – March 3, 2023

Engineering Division staff conducted the 2023 inspections of 22 Stormwater Control Trust stormwater management ponds on March 2-3, 2023. The attached report is a summary of the inspection findings for each of the ponds and the status of each of the ponds in regards to the Bristol Storm Water Trust.

Should you have any questions or comments on the report or pond status, please contact .



City of Bristol

DEPARTMENT OF PUBLIC WORKS

BRISTOL, CONNECTICUT 06010

DETENTION POND INVENTORY REPORT

Trust Ponds

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Huntington Woods

Location:

The pond is found on the southeastern side of the Huntington Woods Condominium Complex off of Blakeslee Street. (MS4 Basin 4315-00-3-R2)

Tributary Area:

The detention pond takes the flow from Huntington Woods before discharging through a control structure and piped conveyance system, approximately 450' north of the Pequabuck River.

Physical characteristics

- Pond Area: 11,800 SF
- Typical Conditions: Dry bottomed pond, grass field conditions, brush along edges



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Manholes _____ A	Grass _____ V	Animals _____ N/O
Catch basin _____ NA	Trees _____ G	Debris _____ M
Pipes _____ (1)	Brush _____ (4)	Erosion _____ (1)
Inlet condition _____ (1)		Sink holes _____ N/O
Outlet structure _____ A		Trespassing _____ N/O
Pond condition _____ A		Other _____ (3)
Fences _____ (2)		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

Notes:

- (1) Pipe replacement is scheduled to be replaced (CIP funded), include rip rap check dam and spreader swale to eliminate short circuiting and grading and removal of sediments and excessive millings DPW scheduled to start work in March. Pipe and structure ordered.
- (2) Vegetation control needed, Fence post at west inlet is undermined
- (3) Invasives control needed



Photo 1: Outlet control structure



Photo 2: Looking east from west inlet

Eastview Farms (Hart Street)

Location:

The pond is found on the western side of Hart Street just north of Larkspur Lane and south of the Burlington town line (MS4 Basin 4314-08-1-L1).

Tributary Area:

The detention pond takes runoff from Larkspur Lane, the area around Southdown Lane, and from a small area north of the Burlington town line. Overflow is through a control structure to Polkville Brook, approximately 3 miles north of the confluence with Coppermine Brook.

Physical characteristics:

- Pond Area: 78,000 SF
- Typical Conditions: Wet bottomed pond. The pond has a continuous water surface throughout the year.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Pipes _____ G	Grass _____ V	Animals _____ N/O
Inlet condition _____ (1)	Trees _____ A	Debris _____ M(4)
Outfall condition _____ (2)	Brush _____ na	Erosion _____ M(5)
Overflow _____ A		Sink holes _____ N/O
Fences _____ (3)		Trespassing _____ N/O
Dam _____ A		Other _____ NA
Course pool (n) _____ A		
Course pool (w) _____ A		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

- (1) Clear vegetation at outlet
- (2) Clear vegetation from fence



(3)

Photo 1: Hart Street pond view looking north

Rockwood Estates Basin A/North (Brandon Run Pond)

Location:

The pond is north of Brandon Run and west of Corbin Ridge. The access is off of Brandon Run and can also be accessed from Corbin Ridge. (MS4 Basin 6911-00-1)

Tributary Area:

The detention pond takes runoff from a portion of Tyler Way and Tiffany Lane, Brandon Run and Corbin Ridge. Discharge goes to Hancock Brook.

Physical characteristics:

- Pond Area: 16,500 SF
- Typical Conditions: Wet bottomed pond. The pond has a continuous water surface throughout the year.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ Vac	Grass _____ (3)	Animals _____ N/O
Inlet condition _____ A	Trees _____ (4)	Debris _____ A
Outfall condition _____ G	Brush _____ A	Erosion _____ N/O
Overflow _____ A		Sink holes _____ N/O
Fences _____ N/A		Trespassing _____ N/O
Pond condition _____ (2)(3)		Other _____ (5)

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Clean minor litter (2) Keep trees trimmed along Brandon access path



Photo: Brandon Run pond view looking north and northwest

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Rockwood Estates Basin A/South (Tiffany Lane Pond)

Location:

The pond is at the western end of Tiffany Lane approximately 300' from end of cul de sac. (MS4 Basin 6911-01-1-L1)

Tributary Area:

The detention pond takes runoff from portions of Tyler Way, Tiffany Lane, and Cameron Drive. Discharge is to stream/wetland system upgradient of Fall Mountain Lake (approx. 0.2 miles from discharge).

Physical characteristics:

- Pond Area: 14,400 SF
- Typical Conditions: Wet bottomed pond. The pond has a continuous water surface throughout the year.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ A	Grass _____ A	Animals _____ (4)
Inlet condition ___(1)(2)(3)	Trees _____ A	Debris _____ N/O
Outfall condition ____ (5)	Brush _____ A	Erosion _____ N/O
Overflow _____ G		Sink holes _____ N/O
Fences _____ N/A		Trespassing _____ N/O
Course pool (n) _____ A		Other _____ (5)

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

- (1) Remove fore bay sediments and vegetation
- (2) Repair erosion at access drive
- (3) Clean minor pond litter
- (4) Keep outley structure clear of debris



Photo 1: Tiffany Lane pond, looking northwest

Rockwood Estates Basin
B (Tyler Way Pond)

Location:

The pond is at the western side of Tyler Way adjacent to the sanitary sewer pump station. (MS4 Basin 6911-01-1-L1)

Tributary Area:

The detention pond takes runoff from portions of Tyler Way and Cameron Drive. Discharge from pond is to the wetland system adjacent to Fall Mountain Lake.

Physical characteristics:

- Pond Area: 11,200 SF
- Typical Conditions: Dry bottomed pond, grass field conditions



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ (1)	Grass _____ (3)	Animals _____ N/O
Inlet condition _____ (2)(3)	Trees _____ A	Debris _____ (5)
Outfall condition _____ G	Brush _____ (4)	Erosion _____ N/O
Overflow _____ A		Sink holes _____ N/O
Fences _____ (4)		Trespassing _____ N/O
Berm _____ A		Other _____ N/A

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

- (1) In lower basin, remove portions of cattails (max 30% coverage), sediments and construct additional riprap/spreader swale
- (2) Invasives/vegetation removal needed in pond and on fence
- (3) Clean minor litter



Photo 1: Tyler Way pond looking south from gate

Intervale Road Pond

Location:

The pond is behind of #44 Intervale Road in an easement north of the house.

Tributary Area:

The detention pond takes runoff from portions of Cricket Hill Road and Intervale Road (MS4 Basin 4314-06-2-R1).

Physical characteristics:

- Pond Area: 25,355 SF
- Typical Conditions: Dry bottomed pond, grass field conditions, surrounded by woods. Pond discharges to wetland system of Freeman Hill Brook, approximately 2 miles north of confluence with Copper Mine Brook.



Source: Bristol GIS (2016 Aerial)

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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ A	Grass _____ V	Animals _____ N/O
Pipes _____ A	Trees _____ NA	Debris _____ N/O
Inlet condition _____ (1)	Brush _____ G	Erosion _____ N/O
Outfall condition _____ G		Sink holes _____ N/O
Overflow _____ (2)		Trespassing _____ N/O
Fences _____ (3)		Other _____ NA
Berm _____ G		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
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(1) Clean vegetation off fence



Photo 1: Intervale Road pond, looking east

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Cricket Hill Road Pond

Location:

The pond is at the intersection of Cricket Hill Road and Shrub in an easement south of the house. (MS4 Basin 4314-08-1-L1)



Tributary Area:

The subsurface detention area takes runoff from portions of Cricket Hill Road. System discharges to Burlington Avenue outfall to Polkville Brook, approximately 2.5 miles north of confluence with Coppermine Brook.

Physical characteristics:

- Pond Area: n/a
- Typical Conditions: Subsurface detention facility. Looks like a grass field on the surface.

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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ Vac(1)	Grass _____ A	Animals _____ N/O
Pipes _____ A	Trees _____ A	Debris _____ N/O
Inlet condition _____ (1)	Brush _____ NA	Erosion _____ N/O
Infiltration _____ (e)		Sink holes _____ N/O
Overflow _____ (1)		Trespassing _____ N/O
		Other _____ NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance



Photo: Cricket Hill detention area, looking west

Sunnydale Subdivision Pond

Location:

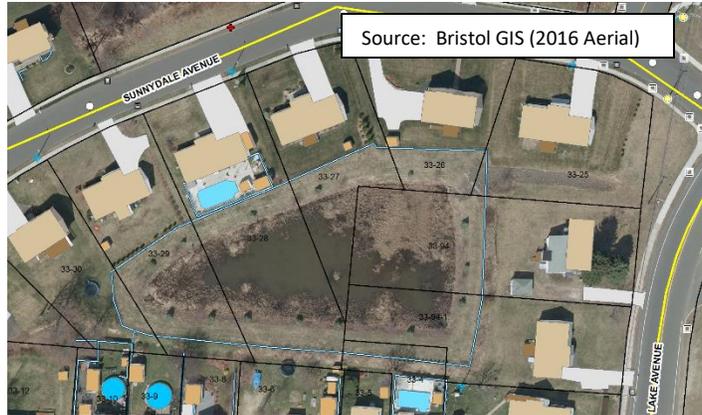
The pond is on south of the northern tip of Sunnydale Avenue behind houses 272 to 316. (MS4 Basin 4315-10-1-L1)

Tributary Area:

The detention pond takes runoff from Sunnydale Avenue. Overflow is to the Lake Ave. storm drain, which discharges through a wetland system, ultimately to 8-Mile River.

Physical characteristics:

- Pond Area: 39,200 SF
- Typical Conditions: Wet bottom pond, wetlands mitigation in the center of the pond, targeted bushes and trees along the edges for wildlife. The area also includes the wet meadow wetlands mitigation area to the north of the pond opposite #292 Sunnydale Avenue.



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<u>Structures</u>		<u>Vegetation</u>		<u>Site Conditions</u>	
Sed. chamber _____	A	Grass _____	V	Animals _____	N/O
Inlets condition _____	e	Trees _____	G	Debris _____	e
Outfall Condition _____	e	Brush _____	V	Erosion _____	N/O
Overflow _____	A	Aquatic Vegetation __	AV(1)	Sink holes _____	N/O
Fences _____	A			Trespassing _____	N/O
Berms _____	A			Other _____	(2)

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Invasives and vegetation management needed



Photo 1: Sunnydale detention area, looking east

Partridge Run Pond

Location:

The pond is east of Partridge Run behind #95 Partridge Run. Access between #83 & #95. (MS4 Basin 4314-08-1-L1)

Tributary Area:

The detention pond takes runoff from Partridge Run.

Physical characteristics:

- Pond Area: 4,600 SF
- Typical Conditions: Wet bottom pond, surrounded by woods and a conservation easement. A sediment chamber helps protect the inlet to the pond.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Sed. chamber _____ A	Grass _____ G	Animals _____ N/O
Catch basin _____ A	Wetland plants _____ A	Debris _____ N/O
Manhole _____ A	Trees _____ A	Erosion _____ N/O
Inlet Condition _____ A	Brush _____ G	Sink holes _____ N/O
Outfall Condition _____ G		Trespassing _____ N/O
Berms _____ G		Other _____ N/A

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

1. Invasive/vegetation management needed



Photo: Partridge Run pond basin, looking east

Fox Hollow Lane – Western Pond

Location:

The pond is south of Fox Hollow Lane behind #84 & #100. A stabilized access to the pond is between the two houses. (MS4 Basin 4314-08-1-L1)

Tributary Area:

The detention pond takes runoff from the western portion of Fox Hollow Lane and the southern-most portion of Partridge Lane. It discharges through a combination of open and closed conveyance system for approx. 0.7 miles to Polkville Brook, then another 2 miles to Coppermine Brook.



Physical characteristics:

- Pond Area: 4,800 SF
- Typical Conditions: Dry bottomed pond, minor ponding in base, surrounded by woods and a conservation easement. A sediment chamber at the road helps protect the inlet to the pond. Wetlands mitigation (wet meadow) at base of the pond.

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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Sed. chamber _____ A	Grass _____ G	Animals _____ N/O
Catch basin _____ A	Wetland plants _____ (1)	Debris _____ N/O
Inlet Condition _____ e	Trees _____ A	Erosion _____ N/O
Outfall Condition _____ e	Brush _____ G	Sink holes _____ N/O
Overflow _____ e		Trespassing _____ N/O
Fences _____ (2)		Other _____ NA
Berm _____ e		
Riprap _____ e		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Construct gate access between lots and repair fence



Photo 1: Fox Hollow West, looking east

Fox Hollow Lane – Eastern Pond

Location:

The pond is at the eastern dead end of Fox Hollow Lane. (MS4 Basin 4314-08-1-L1)

Tributary Area:

The detention pond takes runoff from the eastern portions of Fox Hollow Lane and Fisher Ridge.

Physical characteristics:

- Pond Area: 12,600 SF
- Typical Conditions: Dry bottomed pond, with minor ponding in center, surrounded by woods and a conservation easement. A sediment chamber helps protect the inlet to the pond. Wetlands mitigation at base of the pond, wet meadow. Discharge is to Polkville Brook tributary.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Sed. chamber _____ A	Grass _____ G	Animals _____ N/O
Catch basin _____ A	Wetland plants _____ (1)	Debris _____ N/O
Inlet Condition _____ e	Trees _____ (1)	Erosion _____ N/O
Outfall Condition _____ G	Brush _____ (1)	Sink holes _____ N/O
Overflow _____ G		Trespassing _____ N/O
Fences _____ G		Other _____ NA
Berm _____ G		
Riprap _____ G		
Course pool _____ (1)(2)		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
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Photo 1: Fox Hollow East basin area, looking west

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Empire Way Pond

Location:

The pond is on the west side of Empire Way southwest of the dead end on lot 15, house number 136. (MS4 Basin 4315-05-1-L1)

Tributary Area:

The detention pond takes runoff from the southern portion of Empire Way. Discharge is through adjacent conservation area to Birge Pond.

Physical characteristics:

- Pond Area: 2,100 SF
- Typical Conditions: Dry bottomed pond, grass field conditions, surrounded by woods to the south.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ Vac	Grass _____ A	Animals _____ N/O
Inlet Condition _____ A	Trees _____ A	Debris _____ N/O
Outfall Condition _____ A	Brush _____ A	Erosion _____ N/O
Overflow _____ A		Sink holes _____ N/O
Fences _____ NA		Trespassing _____ N/O
Riprap _____ A		Other _____ NA
Course pool _____ A		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance



Photo 1: Empire Way basin, looking SW

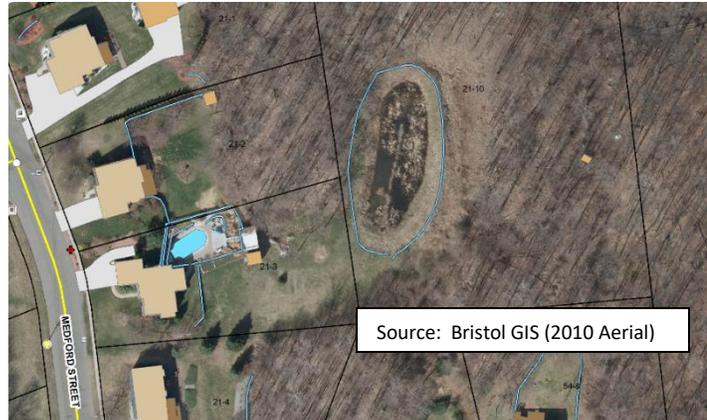
Medford Street Pond

Location:

The pond is on the east side of Medford Street (below #112) and northwest of Haig Avenue. (MS4 Basin 4314-10-1)

Tributary Area:

The detention pond takes runoff from Medford Street, and the eastern portions of Tufts and Fairfield Streets. Discharge is through MS4 and ditch system approximately 2 miles to Coppermine, just north of confluence with Pequabuck River.



Physical characteristics:

- Pond Area: 4,600 SF
- Typical Conditions: Wet bottomed pond, grass field berm conditions, surrounded by woods.

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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ Vac	Grass _____ V	Animals _____ N/O
Inlet Condition _____ e	Wetland plants _____ (1)	Debris _____ N/O
Outfall Condition _____ e	Trees _____ A	Erosion _____ N/O
Overflow _____ e	Brush _____ G	Sink holes _____ N/O
Fences _____ (2)		Trespassing _____ N/O
Berms _____ e		Other _____ (3)
Riprap _____ e		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Seed Yard at access point



Photo 1: Medford St pond, looking north

Warner Street Pond

Location:

The pond is on the west side of Warner Street at the intersection of Wildewood Run. (MS4 Basin 4314-08-1-L2)

Tributary Area:

The detention pond takes runoff from Wilderness Way and some of the house lots on Warner Street. Discharge is to Polkville Brook, approx. 1 mile upstream of confluence with Coppermine.

Physical characteristics:

- Pond Area: 21,800 SF
- Typical Conditions: Dry bottomed infiltration pond.

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Structures		Vegetation		Site Conditions	
Catch basin _____	A	Grass _____	A	Animals _____	N/O
Inlet Condition _____	A	Brush _____	A	Debris _____	N/O
Outfall Condition _____	(1)			Erosion _____	N/O
Overflow _____	A			Sink holes _____	N/O
Berms _____	A			Trespassing _____	N/O
Riprap _____	A			Other _____	NA
Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable					
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled					
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance					
(1) Minor vegetation control at control structure					

(1) Gate lock missing **(2)** Clean minor litter



Photo 1: Warner St basin, looking northwest

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Belgian Circle Pond

Location:

The pond is east of the dead end of Belgian Circle, east of #89. (MS4 Basin 4314-08-1-L1)

Tributary Area:

The detention pond takes runoff Belgian Circle. Pond overflows to a drainage ditch which is piped offsite to the Hart Street stormdrain system.

Physical characteristics:

- Pond Area: 31,000 SF
- Typical Conditions: Wet bottom pond, a conservation easement to the south. A sediment chamber helps protect the inlet to the pond.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Sediment Chamber _____ A	Grass _____ A	Animals _____ NO
Catch basin _____ A	Wetland Plants _____ (2)	Debris _____ A
Inlet Condition _____ (1)	Trees _____ A	Erosion _____ N/O
Outfall Condition _____ A	Brush _____ A	Sink holes _____ N/O
Overflow _____ (2)		Trespassing _____ N/O
Berms _____ A		Other _____ NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance



Photo 1: Belgian Circle pond, looking north

Woodbridge Estates – Witches Rock
Road Pond

Location:

The pond is on the northwest side of intersection of Old Orchard Road and Witches Rock Road. (MS4 Basin 4315-04-1)

Tributary Area:

The detention pond takes runoff from Old Orchard Road. Pond discharges east to Witches Rock storm drain system and on to South Mountain Brook and Pequabuck River.

Physical characteristics:

- Pond Area: 12,300 SF
- Typical Conditions: Wet meadow bottom, wetlands plantings at the bottom of the pond. Only minor ponding on the base.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Sediment Chamber ____ Vac	Grass _____ V	Animals _____ N/O
Catch basin _____ Vac	Wetland Plants _____ (3)	Debris _____ N/O
Inlet Condition _____ (1)	Trees _____ (3)	Erosion _____ N/O
Outfall Condition _____ A	Brush _____ (3)	Sink holes _____ N/O
Overflow _____ A		Trespassing _____ N/O
Berms _____ A		Other _____ N/A
Fences _____ (2)		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Remove fallen tree limbs in back left corner



Photo 1: Witches Rock pond, looking northeast



Photo 2: Looking north along east fence line

Woodbridge Estates – Old Orchard Road
 Pond

Location:

The pond is on the west side of Old Orchard Road south of High Ridge Run. (MS4 Basin 6911-00-1)

Tributary Area:

The detention pond takes runoff from Old Orchard Road and a portion of High Ridge Run. The pond discharge is west to the adjacent stream/wetland system to Hancock Brook.

Physical characteristics:

- Pond Area: 15,200 SF
- Typical Conditions: Wet meadow bottomed pond, wetlands plantings in base of pond, surrounded by woods to the east.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Sediment Chamber _____ (1)	Grass _____ A	Animals _____ N/O
Catch basin _____ (1)	Wetland Plans _____ (4)	Debris _____ N/O
Inlet Condition _____ (2)(3)	Trees _____ A	Erosion _____ N/O
Outfall Condition _____ M	Brush _____ A	Sink holes _____ N/O
Overflow _____ A		Trespassing _____ N/O
Berms _____ A		Other _____ N/A
Fences _____ (5)		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance



Photo 1: Old Orchard pond, looking south

Bird Road Pond

Location:

The pond is on the west side of Bird Road between houses #80 and #100. (MS4 Basin 4315-00-2-L7)

Tributary Area:

The detention pond takes overflow runoff from the northern improved portion of Bird Road. The drainage system is an infiltration system (main pipes are perforated). The pond discharges to the west to an open channel conveyance, approx. 0.5 miles north of Pequabuck River.

Physical characteristics:

- Pond Area: 2,100 SF
- Typical Conditions: Dry bottomed pond, grass field infiltration base, surrounded by a conservation easement and woods to the west.



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<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ Vac	Grass _____ V	Animals _____ N/O
Inlet Condition _____ e	Trees _____ A	Debris _____ N/O
Outfall Condition _____ A	Brush _____ A	Erosion _____ N/O
Overflow _____ A		Sink holes _____ N/O
Berms _____ A		Trespassing _____ f/l
Fences _____ A		Other _____ (1)

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
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 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Remove vegetation from fence



Photo 1: Bird Road pond, looking south

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Margaret Way Pond

Location:

The pond is on the east side of Margaret Way adjacent to house number 23. (MS4 Basin 4315-00-3-R2)

Tributary Area:

The detention pond takes runoff from the Margaret Way basin. Pond discharges through the City's streets storm drain system to the Memorial Boulevard park pond and the Pequabuck River.

Physical characteristics:

- Pond Area: 1,700 SF
- Typical Conditions: Wet bottomed pond, wetlands planting in the base of the pond. Center is ridged to provide longer flow path.



Inspection Date: March 3, 2023

<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Catch basin _____ Vac	Grass _____ V	Animals _____ N/O
Inlet Condition _____ e	Trees _____ V	Debris _____ N/O
Pond condition _____ (1)	Brush _____ AV	Erosion _____ N/O
Outfall Condition _____ (2)		Sink holes _____ N/O
Overflow _____ A		Trespassing _____ N/O
Berms _____ A		Other _____ None

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) Invasives/vegetation removal needed (2) Repair/replace control structure top,



Photos 1 and 2: Margaret Way pond, looking west

Valmore Road Pond

Location:

The pond is on the southeast side of Valmore Road on lot 45 behind #64. (MS4 Basin 4314-08-1-L2)

Tributary Area:

The detention pond takes runoff from Valmore Road.

Physical characteristics:

- Pond Area: 12,000 SF
- Typical Conditions: Wet bottomed pond, wetlands mitigation base pond. Flood plain mitigation area to the north east of the pond where pond discharges.



Source: Bristol GIS (2016 Aerial)

Inspection Date: March 3, 2023

Structures	Vegetation	Site Conditions
Sediment Chamber ___ Vac	Grass _____ A	Animals _____ N/O
Catch basin _____ (1)	Wetland Plants _____ (2)	Debris _____ N/O
Inlet Condition _____ e	Trees _____ A	Erosion _____ N/O
Pond condition _____ (2)	Brush _____ A	Sink holes _____ N/O
Outfall Condition _____ A		Trespassing _____ N/O
Overflow _____ A		Other _____ NA
Berms _____ A		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance



Photo 1: Valmore Road pond, looking north

Southeast Industrial Business Park: Business Park Drive Pond

Location:

The pond is on the west side of Business Park Drive between lots 9 and 10. (MS4 Basin 4315-10-1-L1)

Tributary Area:

The detention pond takes runoff from the eastern portion of Business Park Drive. The system discharges east to an open conveyance approx. 0.5 miles from Pine Lake.

Physical characteristics:

- Pond Area: 51,340 SF
- Typical Conditions: Wet bottomed pond.
Wetlands area to the south of the pond in conservation easement.



Inspection Date: March 3, 2023

<u>Structures</u>	<u>Vegetation</u>	<u>Site Conditions</u>
Sediment Chamber ____ (e)	Grass _____ A	Animals _____ N/O
Catch basin _____ Vac	Wetland Plants _____ AV	Debris _____ N/O
Inlet Condition _____ (e)	Trees _____ V	Erosion _____ N/O
Pond condition _____ (e)	Brush _____ V	Sink holes _____ N/O
Outfall Condition _____ A		Trespassing _____ N/O
Overflow _____ A		Other _____ NA
Berms _____ A		

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance



Photos 1 and 2: SE Business Park pond, looking east and north

Southeast Industrial Business Park:
 Middle Street Pond

Location:

The pond is on the east side of Middle Street, north of Business Park Drive on lot 1. (MS4 Basin 4315-10-1-L1)

Tributary Area:

The detention pond takes runoff from the western portion of Business Park Drive and Woodridge Road.

Physical characteristics:

- Pond Area: 84,000 SF
- Typical Conditions: Dry bottomed infiltration pond. The pond is protected by a sediment chamber for the runoff coming north from Business Park Drive.



Inspection Date: March 3, 2023

Structures	Vegetation	Site Conditions
Sediment Chamber _____ A	Grass _____ V	Animals _____ burrow
Catch basin _____ A	Trees _____ A	Debris _____ (2)
Inlet Condition _____ A	Brush _____ A	Erosion _____ (1)
Pond condition _____ A		Sink holes _____ N/O
Outfall Condition _____ A		Trespassing _____ yes (litter)
Berms _____ (1)		Other _____ NA

Legend: A=Adequate, G=Good, M=Minor, N/O = None Observed, NA=None or Not applicable
 V=Vegetation control to be scheduled, AV=Aquatic Vegetation control to be scheduled
 Vac=Schedule vac truck, f/l=fenced and locked, e=evaluate after maintenance

(1) minor litter



Photo 1: Middle St pond looking east



Photo 2: Berm wash-out