



Incorporated Village of Poquott  
45 Birchwood Avenue, Poquott, New York 11733 631-476-4043

**Incorporated Village of Poquott**

# MS4 Annual Report

**Municipal Compliance Certification Form for Phase II SPDES ID -  
NYR20A337**

Submitted to:

**NYSDEC Division of Water  
625 Broadway  
4<sup>th</sup> Floor  
Albany, New York 12233-3505**

Prepared by Richard Parrish, P.G.  
November 11, 2018

## INTRODUCTION

Attached herein is a copy of the individual MS4 Annual Report and Municipal Compliance Certification prepared by and for the Incorporated Village of Poquott, General Permit SPDES ID NYR20A337 (herein identified as "Poquott"), with offices located at 45 Birchwood Avenue, Poquott, New York 11733. Poquott is located at 40°57'9"N 73°5'4"W / 40.95250°N 73.08444°W (40.952514, -73.084441). According to the United States Census Bureau, Poquott has a total area of 0.6 square miles (1.6 km<sup>2</sup>), of which 0.4 square miles (1.0 km<sup>2</sup>) is land and 0.2 square miles (0.52 km<sup>2</sup>), or 27.12%, is water. Poquott lies in the Town of Brookhaven, within Suffolk County. As of the of 2010 US Census, Poquott has 953 residents living within 350 single family households.

Poquott currently utilizes one outfall that discharges to areas of Port Jefferson Harbor that are open for shell fishing and are designated Class SA. The Village of Poquott does not have any outfalls <sup>1</sup> that discharge directly or indirectly through another MS4, into SETAUKET HARBOR that is uncertified or seasonally uncertified for shell fishing as shown on the map provided by the Department from Appendix B of the final Retrofit Program Plan Guidance Document for Pathogen Impaired Watershed MS4s on Long Island, December 2013.

The report identifies how Poquott will comply with its Phase II General Permit SPDES permit through Minimum Control Measures and Additional Watershed Improvement Strategy Best Management Practices.

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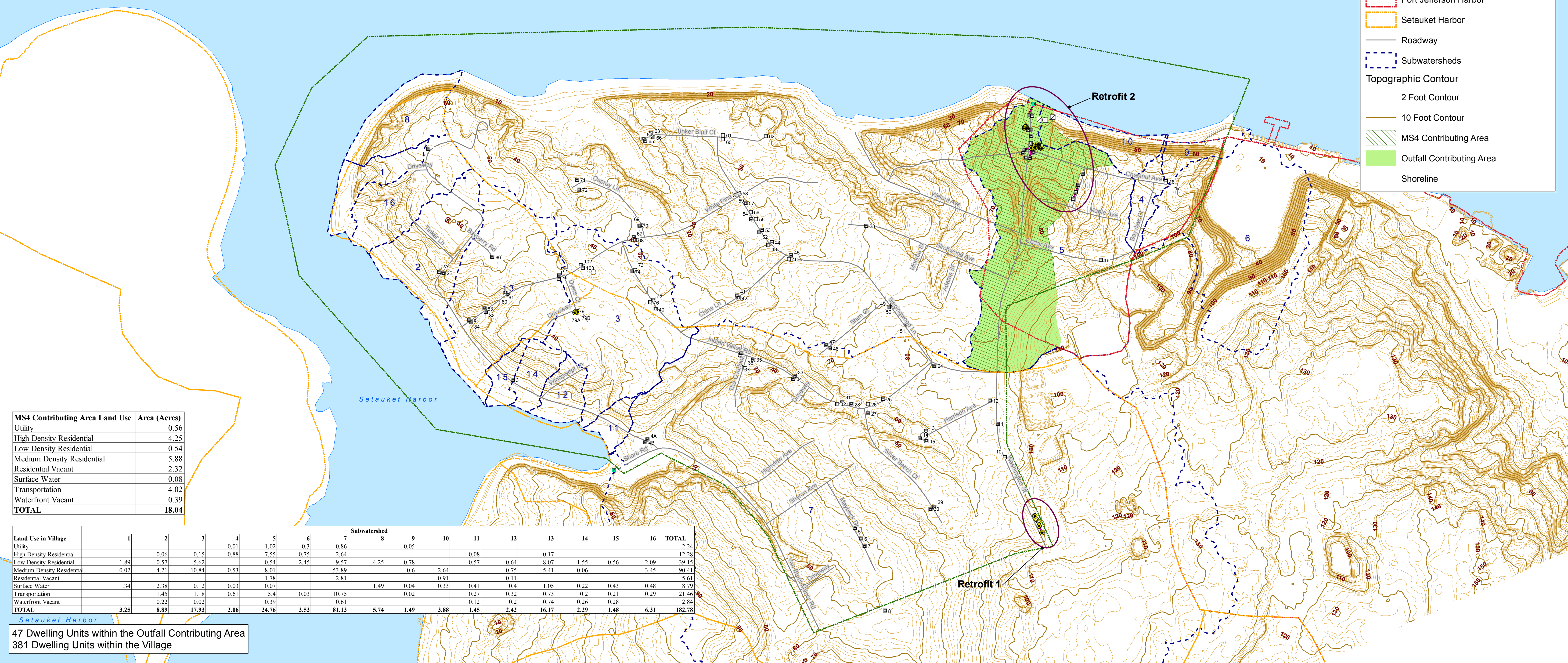
<sup>1</sup> Outfalls is defined as any point where a municipally owned and operated separate storm sewer system discharges to either surface waters of the State or to another MS4. Outfalls include discharges from pipes, ditches, swales, and other points of concentrated flow. Areas of non-concentrated (sheet) flow which drain to surface waters of the State or to another MS4's system are not considered outfalls.



**Legend**

- Village Boundary
- Drainage Infrastructure**
  - Area Drain
  - Catchbasin
  - Leaching Pool (Closed Gate)
  - Leaching Pool (Open Gate)
  - Outfall
  - Stormwater Infrastructure Piping
- NYSDEC Pathogen Impaired Watersheds**
  - Port Jefferson Harbor
  - Setauket Harbor
- Topographic Contour**
  - Roadway
  - Subwatersheds
  - 2 Foot Contour
  - 10 Foot Contour
  - MS4 Contributing Area
  - Outfall Contributing Area
  - Shoreline

Port Jefferson Harbor, North, and tribs



MS4 Contributing Area Land Use	Area (Acres)
Utility	0.56
High Density Residential	4.25
Low Density Residential	0.54
Medium Density Residential	5.88
Residential Vacant	2.32
Surface Water	0.08
Transportation	4.02
Waterfront Vacant	0.39
<b>TOTAL</b>	<b>18.04</b>

Land Use in Village	Subwatershed																TOTAL
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Utility				0.01	1.02	0.3	0.86		0.05								2.24
High Density Residential		0.06	0.15	0.88	7.55	0.75	2.64			0.08		0.17					12.28
Low Density Residential	1.89	0.57	5.62		0.54	2.45	9.57	4.25	0.78		0.57	0.64	8.07	1.55	0.56	2.09	39.15
Medium Density Residential	0.02	4.21	10.84	0.53	8.01		53.89		0.6	2.64		0.75	5.41	0.06		3.45	90.41
Residential Vacant					1.78		2.81			0.91		0.11					5.61
Surface Water	1.34	2.38	0.12	0.03	0.07			1.49	0.04	0.33	0.41	0.4	1.05	0.22	0.43	0.48	8.79
Transportation	1.45	1.18	0.61		5.4	0.03	10.75		0.02		0.27	0.32	0.73	0.2	0.21	0.29	21.46
Waterfront Vacant		0.22	0.02		0.39		0.61			0.12	0.2	0.74	0.26	0.28			2.84
<b>TOTAL</b>	<b>3.25</b>	<b>8.89</b>	<b>17.93</b>	<b>2.06</b>	<b>24.76</b>	<b>3.53</b>	<b>81.13</b>	<b>5.74</b>	<b>1.49</b>	<b>3.88</b>	<b>1.45</b>	<b>2.42</b>	<b>16.17</b>	<b>2.29</b>	<b>1.48</b>	<b>6.31</b>	<b>182.78</b>

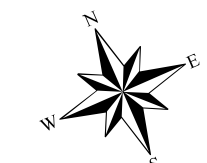
47 Dwelling Units within the Outfall Contributing Area  
381 Dwelling Units within the Village

## VILLAGE OF POQUOTT - DRAINAGE INFRASTRUCTURE & SUBWATERSHEDS

Source: Suffolk County LiDAR, 2007; NP&V  
Scale: 1 inch = 300 feet



**Village of Poquott**

















**MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9,

Name of MS4

SPDES ID

**Section 2 - Contact Information**

Important Instructions - Please Read

Contact information must be provided for ***each*** of the following positions as indicated below:

1. Principal Executive Officer, Chief Elected Official or other qualified individual (per GP-0-08-002 Part VI.J).
2. Duly Authorized Representative (Information for this contact must only be submitted if a Duly Authorized Representative is signing this form)
3. The Local Stormwater Public Contact (required per GP-0-08-002 Part VII.A.2.c & Part VIII.A.2.c).
4. The Stormwater Management Program (SWMP) Coordinator (Individual responsible for coordination/implementation of SWMP).
5. Report Preparer (Consultants may provide company name in the space provided).

A separate sheet must be submitted for each position listed above unless more than one position is filled by the same individual. If one individual fills multiple roles, provide the contact information once and check all positions that apply to that individual.

If a new Duly Authorized Representative is signing this report, their contact information must be provided and a signature authorization form, signed by the Principal Executive Officer or Chief Elected Official must be attached.

For each contact, select all that apply:

- Principal Executive Officer/Chief Elected Official
- Duly Authorized Representative
- Local Stormwater Public Contact
- Stormwater Management Program (SWMP) Coordinator
- Report Preparer

First Name  MI  Last Name

Title

Address

City  State  Zip  -

eMail

Phone (  )  -  County





**MS4 Municipal Compliance Certification (MCC) Form**

MCC form for period ending March 9, 

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Name of MS4 

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 SPDES ID 

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**Section 3 - Partner Information**

Did your MS4 work with partners/coalition to complete some or all permit requirements during this reporting period?  Yes  No

If Yes, complete information below.

Submit a separate sheet for each partner. Information provided in other formats will not be accepted. If your MS4 cooperated with a coalition, submit one sheet with the name of the coalition. It is not necessary to include a separate sheet for each MS4 in the coalition.

If No, proceed to Section 4 - Certification Statement.

Partner/Coalition Name 

--

Partner/Coalition Name (con't.) 

--

 SPDES Partner ID - If applicable 

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Address 

--

City 

--

 State 

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 Zip 

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 - 

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eMail 

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Phone ( 

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Legally Binding Agreement in accordance with GP-0-08-002 Part IV.G.?  Yes  No

What tasks/responsibilities are shared with this partner (e.g. MM1 School Programs or Multiple Tasks)?

- MM1 

--
- MM2 

--
- MM3 

--
- MM4 

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- MM5 

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- MM6 

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Additional tasks/responsibilities

- Watershed Improvement Strategy Best Management Practices* required for MS4s in impaired watersheds included in GP-0-08-002 Part IX.

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**MS4 Municipal Compliance Certification(MCC) Form**

MCC form for period ending March 9,

Name of MS4

SPDES ID


**Section 4 - Certification Statement**

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

This form must be signed by either a principal executive officer or ranking elected official, or duly authorized representative of that person as described in GP-0-08-002 Part VI.J.

First Name  MI  Last Name

Title (Clearly print title of individual signing report)

Signature 

Date  /  /

Send completed form and any attachments to the DEC Central Office at:

MS4 Permit Coordinator  
Division of Water  
4th Floor  
625 Broadway  
Albany, New York 12233-3505







### MS4 Annual Report Form

**This report is being submitted for the reporting period ending March 9,**

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

**3. What strategies did your MS4/Coalition use to achieve education and outreach goals during this reporting period? Check all that apply:**

- |  |                     |  |
|--|---------------------|--|
| <input type="checkbox"/> Construction Site Operators Trained | # Trained           | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> Direct Mailings                     | # Mailings          | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> Kiosks or Other Displays            | # Locations         | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> List-Serves                         | # In List           | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> Mailing List                        | # In List           | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> Newspaper Ads or Articles           | # Days Run          | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> Public Events/Presentations         | # Attendees         | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> School Program                      | # Attendees         | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> TV Spot/Program                     | # Days Run          | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |
| <input type="checkbox"/> Printed Materials:                  | Total # Distributed | <span style="border: 1px solid black; display: inline-block; width: 40px; height: 15px;"></span> |

Locations (e.g. libraries, town offices, kiosks)


Other:

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Web Page: Provide specific web addresses - not home page. Continue on next page if additional space is needed.

URL


URL






**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition 

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SPDES ID 

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**4. Evaluating Progress Toward Measurable Goals MCM 1**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.**

**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.**

**C. How many times was this observation measured or evaluated in this reporting period?**

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*(ex.: samples/participants/events)*

**D. Has your MS4 made progress toward this Measurable Goal during this reporting period?**

Yes    No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

Yes    No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**









### MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

### 3. Where can the public access copies of this annual report, Stormwater Management Program SWMP) Plan and submit comments on those documents?

Enter address/contact info and select radio button to indicate which document is available and whether comments may be submitted at that location. Submit additional pages as needed.

MS4/Coalition Office  Annual Report  SWMP Plan  Comments

Department

Address

City

Zip

 - 

Phone

(  )  -

Library  Annual Report  SWMP Plan  Comments

Address

City

Zip

 - 

Phone

(  )  -

Other  Annual Report  SWMP Plan  Comments

Address

City

Zip

 - 

Phone

(  )  -

Web Page URL:  Annual Report  SWMP Plan  Comments

Please provide specific address of page where report can be accessed - not home page.

eMail  Comments

**MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9,**

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition  SPDES ID

**4.a. If this report was made available on the internet, what date was it posted?**

Leave blank if this report was not posted on the internet.

/   /

**4.b. For how many days was/will this report be posted?**

If submitting a report for single MS4, answer 5.a.. If submitting a joint report, answer 5.b..

**5.a. Was an Annual Report public meeting held in this reporting period?**

Yes  No

If Yes, what was the date of the meeting?

/   /

If No, is one planned?

Yes  No

**5.b. Was an Annual Report public meeting held for all MS4s contributing to this report during this reporting period?**

Yes  No

If No, is one planned for each?

Yes  No

**6. Were comments received during this reporting period?**

Yes  No

If Yes, attach comments, responses and changes made to SWMP in response to comments to this report.

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition 

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SPDES ID  

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**7. Evaluating Progress Toward Measurable Goals MCM 2**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.**

**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.**

**C. How many times was this observation measured or evaluated in this reporting period?**

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*(ex.: samples/participants/events)*

**D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes    No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

Yes    No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**



### MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9,

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

### Minimum Control Measure 3. Illicit Discharge Detection and Elimination

The information in this section is being reported (check one):

On behalf of an individual MS4

On behalf of a coalition

How many MS4s contributed to this report?

1. Enter the number and approx. percent of outfalls mapped:  #  %

2. How many of these outfalls have been screened for dry weather discharges during this reporting period (outfall reconnaissance inventory)?

3.a. What types of generating sites/sewersheds were targeted for inspection during this reporting period?

- Auto Recyclers
- Building Maintenance
- Churches
- Commercial Carwashes
- Commercial Laundry/Dry Cleaners
- Construction Vehicle Washouts
- Cross-Connections
- Distribution Centers
- Food Processing Facilities
- Garbage Truck Washouts
- Hospitals
- Improper RV Waste Disposal
- Industrial Process Water
- Other:
- Landscaping (Irrigation)
- Marinas
- Metal Plateing Operations
- Outdoor Fluid Storage
- Parking Lot Maintenance
- Printing
- Residential Carwashing
- Restaurants
- Schools and Universities
- Septic Maintenance
- Swimming Pools
- Vehicle Fueling
- Vehicle Maint./Repair Shops
- None

Sewersheds:





**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition 

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SPDES ID  

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**12. Evaluating Progress Toward Measurable Goals MCM 3**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.**

**B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.**

**C. How many times was this observation measured or evaluated in this reporting period?**

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*(ex.: samples/participants/events)*

**D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes    No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

Yes    No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**



**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9,

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

**Minimum Control Measures 4 and 5.**  
**Construction Site and Post-Construction Control**

The information in this section is being reported (check one):

- On behalf of an individual MS4  
 On behalf of a coalition

How many MS4s contributed to this report?

**1a. Has each MS4 contributing to this report adopted a law, ordinance or other regulatory mechanism that provides equivalent protection to the NYS SPDES General Permit for Stormwater Discharges from Construction Activities?**  Yes  No

**1b. Has each Town, City and/or Village contributing to this report documented that the law is equivalent to a NYSDEC Sample Local Law for Stormwater Management and Erosion and Sediment Control through either an attorney certification or using the NYSDEC Gap Analysis Workbook?**  Yes  No  NT

If Yes, Towns, Cities and Villages provide date of equivalent NYS Sample Local Law.

09/2004  03/2006  NT

**2. Does your MS4/Coalition have a SWPPP review procedure in place?**  Yes  No

**3. How many Construction Stormwater Pollution Prevention Plans (SWPPPs) have been reviewed in this reporting period?**

**4. Does your MS4/Coalition have a mechanism for receipt and consideration of public comments related to construction SWPPPs?**  Yes  No  NT

If Yes, how many public comments were received during this reporting period?

**5. Does your MS4/Coalition provide education and training for contractors about the local SWPPP process?**  Yes  No

**6. Identify which of the following types of enforcement actions you used during the reporting period for construction activities, indicate the number of actions, or note those for which you do not have authority:**

- Notices of Violation # 

--	--	--	--	--	--

 No Authority
- Stop Work Orders # 

--	--	--	--	--	--

 No Authority
- Criminal Actions # 

--	--	--	--	--	--

 No Authority
- Termination of Contracts # 

--	--	--	--	--	--

 No Authority
- Administrative Fines # 

--	--	--	--	--	--

 No Authority
- Civil Penalties # 

--	--	--	--	--	--

 No Authority
- Administrative Orders # 

--	--	--	--	--	--

 No Authority
- Enforcement Actions or Sanctions # 

--	--	--	--	--	--

 No Authority
- Other # 

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 No Authority

**MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9,**

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

**Minimum Control Measure 4. Construction Site Stormwater Runoff Control**

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

**1. How many construction projects have been authorized for disturbances of one acre or more during this reporting period?**

**2. How many construction projects disturbing at least one acre were active in your jurisdiction during this reporting period?**

**3. What percent of active construction sites were inspected during this reporting period?**  NT    %

**4. What percent of active construction sites were inspected more than once?**  NT    %

**5. Do all inspectors working on behalf of the MS4s contributing to this report use the NYS Construction Stormwater Inspection Manual?**  Yes  No  NT

**6. Does your MS4/Coalition provide public access to Stormwater Pollution Prevention Plans (SWPPPs) of construction projects that are subject to MS4 review and approval?**  Yes  No  NT

**If your MS4 is Non-Traditional, are SWPPPs of construction projects made available for public review?**  Yes  No

If Yes, use the following page to identify location(s) where SWPPPs can be accessed.

**MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9,**

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

**6. con't.:**

Submit additional pages as needed.

MS4/Coalition Office

Department

Address

City

Zip

Phone

(  )  -

Library

Address

City

Zip

Phone

(  )  -

Other

Address

City

Zip

Phone

(  )  -

Web Page URL(s): Please provide specific address where SWPPPs can be accessed - not home page.

URL

URL

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

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**7. Evaluating Progress Toward Measurable Goals MCM 4**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.****B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.****C. How many times was this observation measured or evaluated in this reporting period?**

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*(ex.: samples/participants/events)*

**D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes    No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

Yes    No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**

**MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9,**

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

**Minimum Control Measure 5. Post-Construction Stormwater Management**

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

**1. How many and what type of post-construction stormwater management practices has your MS4/Coalition inventoried, inspected and maintained in this reporting period?**

	# Inventoried	# Inspections	# Times Maintained
<input type="radio"/> Alternative Practices	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Filter Systems	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Infiltration Basins	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Open Channels	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Ponds	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Wetlands	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="radio"/> Other	<input type="text"/>	<input type="text"/>	<input type="text"/>

**2. Do you use an electronic tool (e.g. GIS, database, spreadsheet) to track post-construction BMPs, inspections and maintenance?**

Yes  No

**3. What types of non-structural practices have been used to implement Low Impact Development/Better Site Design/Green Infrastructure principles?**

- Building Codes       Municipal Comprehensive Plans
- Overlay Districts     Open Space Preservation Program
- Zoning                     Local Law or Ordinance
- None                       Land Use Regulation/Zoning
- Watershed Plans       Other Comprehensive Plan

Other:

## 7. Evaluating Progress Toward Measurable Goals MCM4

### **A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.**

Increased enforcement of stormwater pollution prevention measures by teaching Code Enforcement Officers, Clerk's Office employees and Building Department Officials about Stormwater impacts and pollution prevention; teaching Building Commissioner and Clerk about stormwater pollution prevention and good maintenance techniques and schedules; upgrading the Village website to include multiple layers of pages that help reduce stormwater pollution impacts upon the waters of the State. Website includes a new on-line Building Permit Application that includes a SEQRA Short and Long-Form Environmental Assessment Form. Environmental Commissioner reviews all Building Permits and can deny a permit application based upon environmental issues. The Commissioner performs inspections with the Building Inspector. Generic SWPPP for inclusion in Building Permit being developed.

Conspicuous placement of signs stating enforcement for illicit discharges, pet waste and prohibiting the feeding of wildlife at parks and beaches.

### **B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.**

The MCC forms are more complete and accurate. Five new storm drains were added (5D2 UIWs) to Walnut and Chestnut Avenues. The storm drains within the Village function properly and have less surface impediments by leaves and sand. Violations for stormwater pollution related issues are being issued by Code Enforcement. The number of stormwater related complaints due to construction mentioned at the public hearings has been reduced. The Village website has seen increased traffic that can be counted due to enhanced content and new Building Permit Application. Building Department applications and review times have increased by a factor of 1.2 from previous reporting period.

The Planning Board and Board of Zoning Appeals has been included in considering Stormwater regulations in their approvals. There is increased communication between these boards and the Environmental Commissioner (SMO) and the Building Inspector. Increased traffic in emails and memorandums associated with stormwater quality issues. Additional training of Planning Board being planned for the year. Codes are being upgraded to further support enforcement.



**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition 

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SPDES ID 

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**4a. Are the MS4s contributing to this report involved in a regional/watershed wide planning effort?**

Yes  No

**4b. Does the MS4 have a banking and credit system for stormwater management practices?**

Yes  No

**4c. Do the SWMP Plans for each MS4 contributing to this report include a protocol for evaluation and approval of banking and credit of alternative siting of a stormwater management practice?**

Yes  No

**4d. How many stormwater management practices have been implemented as part of this system in this reporting period?**

--	--	--

**5. What percent of municipal officials/MS4 staff responsible for program implementation attended training on Low Impace Development (LID), Better Site Design (BSD) and other Green Infrastructure principles in this reporting period?**

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 %

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

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**6. Evaluating Progress Toward Measurable Goals MCM 5**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.****B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.****C. How many times was this observation measured or evaluated in this reporting period?**

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*(ex.: samples/participants/events)*

**D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes    No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

Yes    No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**

**MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9,**

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

**Minimum Control Measure 6. Stormwater Management for Municipal Operations**

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

**1. Choose/list each municipal operation/facility that contributes or may potentially contribute Pollutants of Concern to the MS4 system. For each operation/facility indicate whether the operation/facility has been addressed in the MS4's/Coalition's Stormwater Management Program(SWMP) Plan and whether a self-assessment has been performed during the reporting period. A self-assessment is performed to: 1) determine the sources of pollutants potentially generated by the permittee's operations and facilities; 2) evaluate the effectiveness of existing programs and 3) identify the municipal operations and facilities that will be addressed by the pollution prevention and good housekeeping program, if it's not done already.**

<u>Operation/Activity/Facility</u>	<u>Addressed in SWMP?</u>		<u>Self-Assessment Operation/Activity/Facility performed within the past 3 years?</u>	
	<input type="radio"/> Yes	<input type="radio"/> No	<input type="radio"/> Yes	<input type="radio"/> No
Street Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Bridge Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Winter Road Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Salt Storage.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Solid Waste Management.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
New Municipal Construction and Land Disturbance..	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Right of Way Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Marine Operations.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hydrologic Habitat Modification.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Parks and Open Space.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Municipal Building.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Stormwater System Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Vehicle and Fleet Maintenance.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other.....	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

**MS4 Annual Report Form**

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Name of MS4/Coalition

SPDES ID

**2. Provide the following information about municipal operations good housekeeping programs:**

- Parking Lots Swept (Number of acres X Number of times swept) # Acres
  - Streets Swept (Number of miles X Number of times swept) # Miles
  - Catch Basins Inspected and Cleaned Where Necessary #
  - Post Construction Control Stormwater Management Practices Inspected and Cleaned Where Necessary #
  - Phosphorus Applied In Chemical Fertilizer # Lbs.
  - Nitrogen Applied In Chemical Fertilizer # Lbs.
  - Pesticide/Herbicide Applied # Acres     .
- (Number of acres to which pesticide/herbicide was applied X Number of times applied to the nearest tenth.)

**3. How many stormwater management trainings have been provided to municipal employees during this reporting period?**

**4. What was the date of the last training?**   /   /

**5. How many municipal employees have been trained in this reporting period?**

**6. What percent of municipal employees in relevant positions and departments receive stormwater management training?**    %

**MS4 Annual Report Form**

This report is being submitted for the reporting period ending March 9, 

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

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**7. Evaluating Progress Toward Measurable Goals MCM 6**

Use this page to report on your progress and project plans toward achieving measurable goals identified in your Stormwater Management Program Plan (SWMPP), including requirements in Part III.C.1. Submit additional pages as needed.

**A. Briefly summarize the Measurable Goal identified in the SWMPP in this reporting period.****B. Briefly summarize the observations that indicated the overall effectiveness of this Measurable Goal.****C. How many times was this observation measured or evaluated in this reporting period?**

--	--	--	--	--

*(ex.: samples/participants/events)*

**D. Has your MS4 made progress toward this measurable goal during this reporting period?**

Yes  No

**E. Is your MS4 on schedule to meet the deadline set forth in the SWMPP?**

Yes  No

**F. Briefly summarize the stormwater activities planned to meet the goals of this MCM during the next reporting cycle (including an implementation schedule).**

### MS4 Annual Report Form

**This report is being submitted for the reporting period ending March 9,**

If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition

SPDES ID

### Additional Watershed Improvement Strategy Best Management Practices

The information in this section is being reported (check one):

- On behalf of an individual MS4
- On behalf of a coalition

How many MS4s contributed to this report?

**MS4s must answer the questions or check NA as indicated in the table below.**

MS4 Description	Answer	Check NA	(POC)
<b>NYC EOH Watershed</b>			
Traditional Land Use	1,2,3,4,5,6,7a-d,8a,8b,9	10,11,12	Phosphorus
Traditional Non-Land Use	1,2,3,4,7a-d,8a,8b,9	5,10,11,12	Phosphorus
Non-Traditional	1,2,77a-d,8a,8b,9	3,4,5,10,11,12	Phosphorus
<b>Onondaga Lake Watershed</b>			
Traditional Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
Non-Traditional	1,6,7a-d,8a,9	2,3,4,5,8b,10,11,12	Phosphorus
<b>Greenwood Lake Watershed</b>			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
<b>Oyster Bay</b>			
Traditional Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,4,7a-d,9,10,11,12	2,3,5,6,8a,8b	Pathogens
Non-Traditional	1,4,7a-d,9	2,3,4,5,8a,8b,10,11,12	Pathogens
<b>Peconic Estuary</b>			
Traditional Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Traditional Non-Land Use	1,4,7a-d,8a,9,10,11,12	2,3,5,6,8b	Pathogens and Nitrogen
Non-Traditional	1,4,7a-d,8a,9	2,3,4,5,8b,10,11,12	Pathogens and Nitrogen
<b>Oscawana Lake Watershed</b>			
Traditional Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Traditional Non-Land Use	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
Non-Traditional	1,4,6,7a-d,8a,9	2,3,5,8b,10,11,12	Phosphorus
<b>LI 27 Embayments</b>			
Traditional Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Traditional Non-Land Use	1,2,3,4,7a-d,9,10,11,12	5,6,8a,8b	Pathogens
Non-Traditional	1,2,3,4,7a-d,9	5,6,8a,8b,10,11,12	Pathogens

**1. Does your MS4/Coalition have an education program addressing impacts of phosphorus/nitrogen/pathogens on waterbodies?**  Yes  No  N/A

**2. Has 100% of the MS4/Coalition conveyance system been mapped in GIS?**  Yes  No  N/A

If N/A, go to question 3.

If No, estimate what percentage of the conveyance system has been mapped so far.    %

Estimate what percentage was mapped in this reporting period.    %





**MS4 Annual Report Form**

**This report is being submitted for the reporting period ending March 9,**

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If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition 

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SPDES ID 

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- 9. **Has your MS4/Coalition developed and implemented a program of native planting?**  
 Yes    No    N/A
  
- 10. **Has your MS4/Coalition enacted a local law prohibiting pet waste on municipal properties and prohibiting goose feeding?**  
 Yes    No    N/A
  
- 11. **Does your MS4/Coalition have a pet waste bag program?**  
 Yes    No    N/A
  
- 12. **Does your MS4/Coalition have a program to manage goose populations?**  
 Yes    No    N/A

# BIORETENTION POND ISSUES AT CALIFORNIA PARK

This is a discussion from the Environmental Commissioner to provide the Poquott Village Trustees with information on the background of the California Park to comply with the Federal Clean Water Act, and to discuss potential options for modifications to the park. It is being presented at the September 9, 2021 public meeting of the Village Trustees.

Stormwater  
Compliance Update

## STORMWATER COMPLIANCE UPDATE

Stormwater runoff into open waters, that is water from rain events, that finds its way into the harbors (Setauket and Port Jefferson), requires a permit. The permit is required by the USEPA to comply with the Clean Water Act. The Act was implemented in recognition of the fact that the rainwater picks up harmful pollutants such as nitrogen, phosphates, hydrocarbons and metals, and then delivers the pollutants to the harbors.

The NYSDEC acts as the agent for the USEPA and manages the permit process. The permit is known as an MS4 State Pollution Discharge Elimination System Permit. Since the early 2000's we had this permit. The intent of the State permit is to STOP all direct releases into the harbors. This is done by introducing the rainwater to the ground via drywells or over open vegetated areas so that the ground can provide pollution absorption. The pollution absorption comes from the water running through sand (like a septic system) or from the roots of plants. The water then makes its way underground, as groundwater, to the harbor as a clean underground seep.

California Park was redesigned to try to divert water from entering the Port Jefferson Harbor. The challenge with this system was dealing with the tremendous volume of water that comes down the steep slope of Washington Street and its side streets (Walnut and Chestnut). The strategy here was to have the system at the park work as a big backstop. In other areas of the village, we opted for an alternate strategy that captured the rainwater before it came off of roads and slopes by installing lots of drains. This includes installing drains in residents' driveways. To date, we have required installation of about a dozen drains in residents' driveways. We have also undertaken significant drain improvement projects on the head of Washington Street, Highview Avenue and Walnut Avenue. The drains take the water and put it back into the ground. The NYSDEC terms work done to divert direct discharges a "retrofit".

The California Park retrofit was completed in 2008. It includes many storm drains under the grassy ballfield and playground, and a system of leaching pipes, like a "habitrail", under the parking lot that feed into a dedicated large-scale structure to increase volumes. The structure is known as a Bio-Retention Pond. The pond gets fed from overflow water that the balance of the system as described above cannot handle. Water enters the pond at the surface and then drain down, through organic topsoil and into a bed of gravel below. The gravel bed includes a pipe that discharges out the headwall into the harbor – effectively scrubbed of pollutants. A bypass exists for super heavy rain events that allows the water to discharge out the headwall pipe. The key to the structure is that the topsoil has plants within it to absorb pollutants before the water filters down and eventually out of the headwall to the harbor.

The system is good, however, when it was designed and constructed there were flaws: 1) there was an ancillary structure in the parking lot (rain garden) that was supposed to filter water before entering one drain that sits in the lot. That structure was not built with proper drop curb grades and it didn't function at all and acted to actually divert dirty water directly to the harbor via the boat ramp. That was removed in 2017. 2) the initial slope of the bioretention pond was too steep – by measurements it has a slope of roughly 50 degrees; proper design is not supposed to exceed 30 degrees. As such, the current state of the pond – that is sedimented up, and filled with vegetation, has actually enhanced its function and made up for its design shortfalls. 3) to save money and administrative steps the pond was kept

## STORMWATER COMPLIANCE UPDATE

immediately adjacent to the existing effluent headwall pipe that has it situated in the middle, and impairs the aesthetics of the California Park.

Regardless, it has come to my attention that the pond has become a vector nuisance, attracting mosquitoes and rats. And, that the pond is aesthetically unpleasing. I have looked at options for reducing vectors and creating a more pleasing aesthetic. Here are the options:

- Make it bigger and shallower (30% slope) and replant with more aesthetically pleasing plants. This option could eliminate the need for a fence around the structure.
  - o Benefit, no agency involvement; minimal costs
  - o Drawback, the pond stays in the middle of the site; there is still potential for vectors
- Replace the pond with above ground stormwater treatment tank. The tank is the size of a large roll-off container or sea box.
  - o Benefit, cost efficient for purchase and maintenance
  - o Drawback, aesthetically unpleasing, permits will be required
- Replace with below ground treatment tank.
  - o Benefit, aesthetically pleasing; gain space for recreation at the park
  - o Drawback, expensive to install and to maintain; permits will be required
- Relocate the pond to the boundaries of the park so that it is out of the way. This would involve construction of a new pond and a new headwall discharge pipe.
  - o Benefit, aesthetically pleasing; gain space for recreation at the park
  - o Drawback, expensive to install and to maintain; permits will be required
- Leave the pond where it is with a few vermin reduction modifications; rudimentary maintenance and removal/replacement of some of the vegetation/debris; beautify the southeastern boundary of the park that is vegetated for public enjoyment. Long-term: continue to reduce overall runoff making its way to California Park by performing additional drywell installations on Chestnut and Walnut Avenues and Washington Street roadway – to further “chip-away” at the volume issue.
  - o Benefit, minimal cost; no agency involvement
  - o Drawbacks, reduction of vegetative buffer between park and house on Chestnut; creates more future options over the long-term for the pond from reduction in runoff volume

I believe the last option is the best path forward.

The U.S. Environmental Protection Agency (EPA) encourages using green infrastructure to help manage stormwater runoff. Grants are available for any option that is selected. In particular, the USEPA offers through the New York State the Clean Water State Revolving Fund (CWSRF). The CWSRF program is a federal-state partnership that provides communities a permanent, independent source of low-cost financing for a wide range of water quality infrastructure projects, including stormwater and green infrastructure.

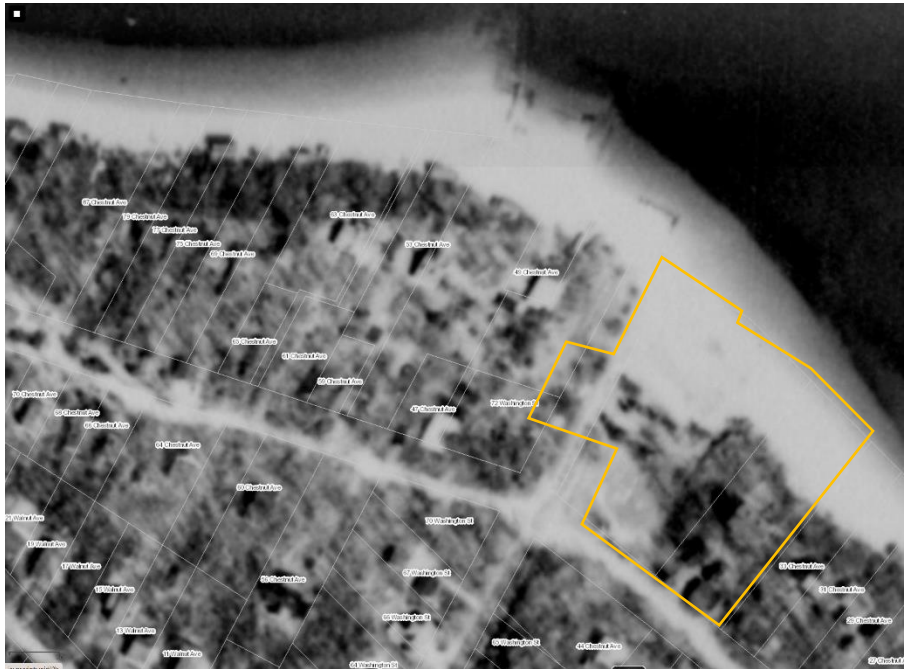
I could be available to assist in writing a grant or finance application.

STORMWATER COMPLIANCE UPDATE

1947



1962



STORMWATER COMPLIANCE UPDATE

1984



2001





**STORMWATER COMPLIANCE UPDATE**

2007



2010



**STORMWATER COMPLIANCE UPDATE**



2013



**STORMWATER COMPLIANCE UPDATE**

2016



2020

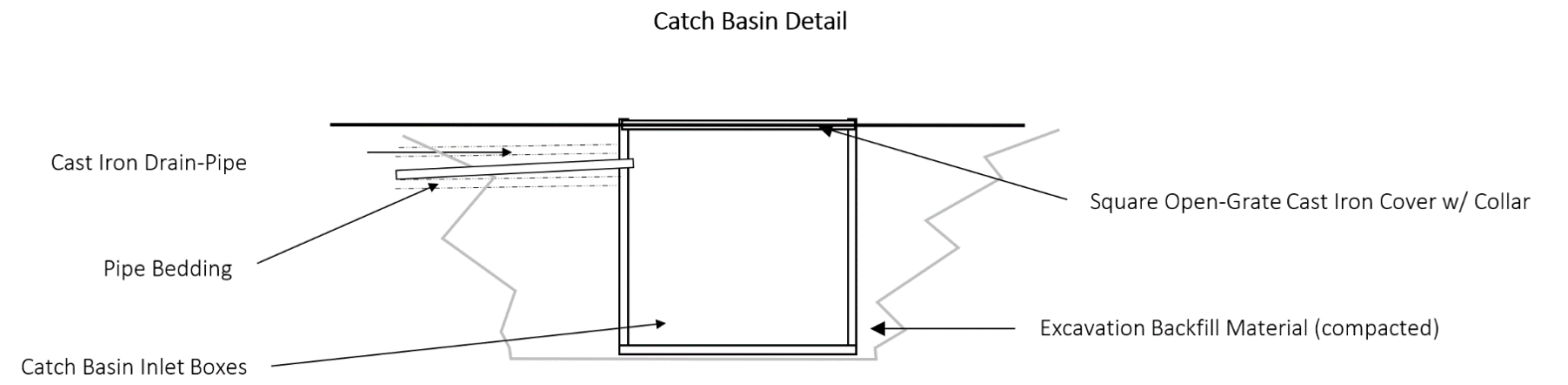
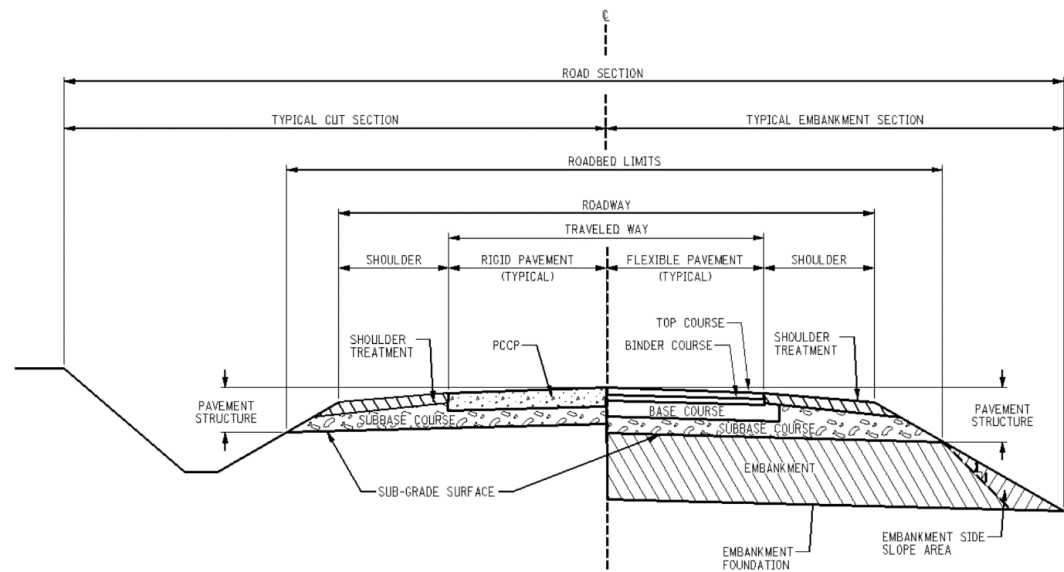




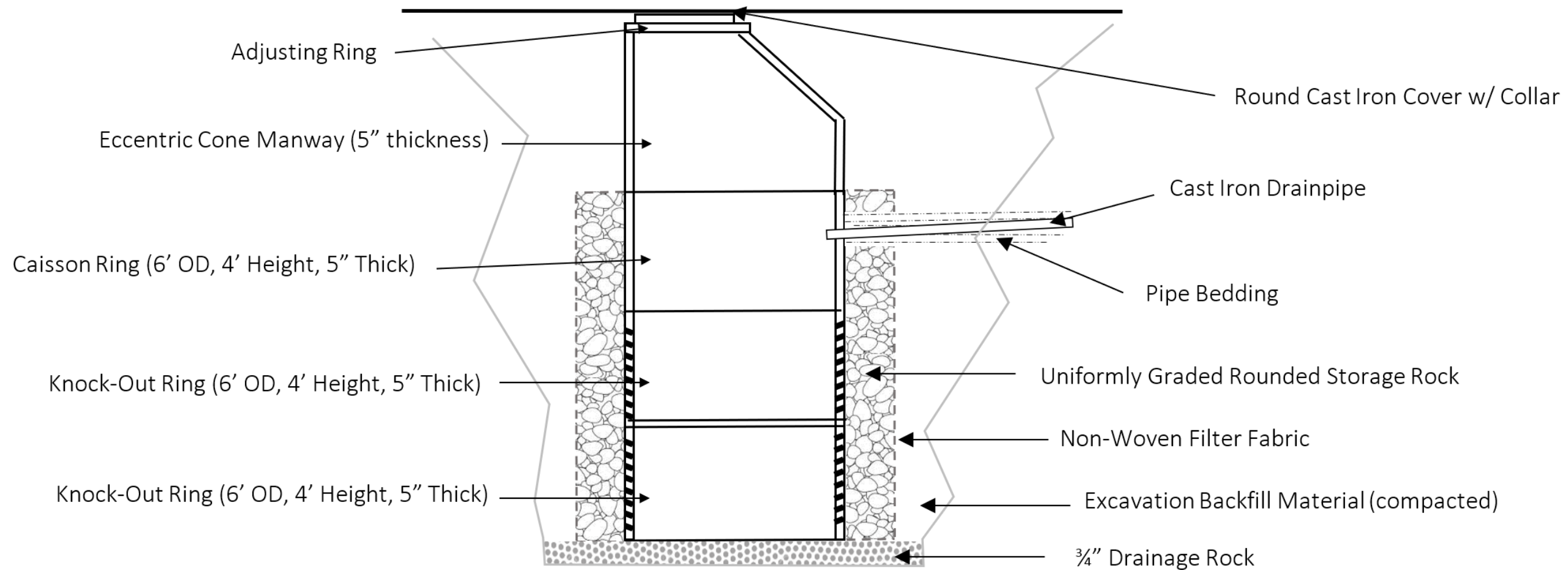
# NEW STREET STORMWATER DRYWELL IMPROVEMENT PROJECT

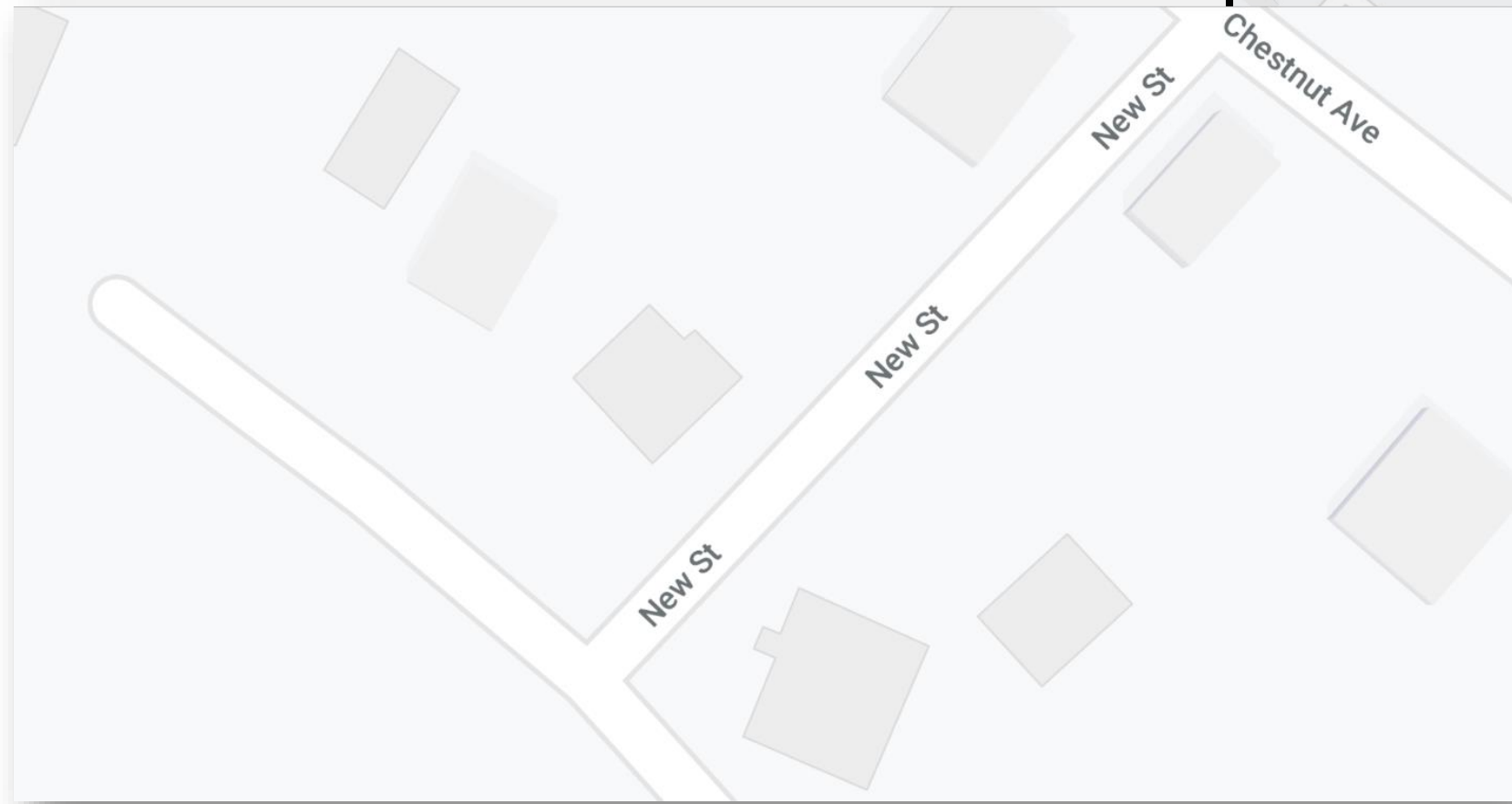
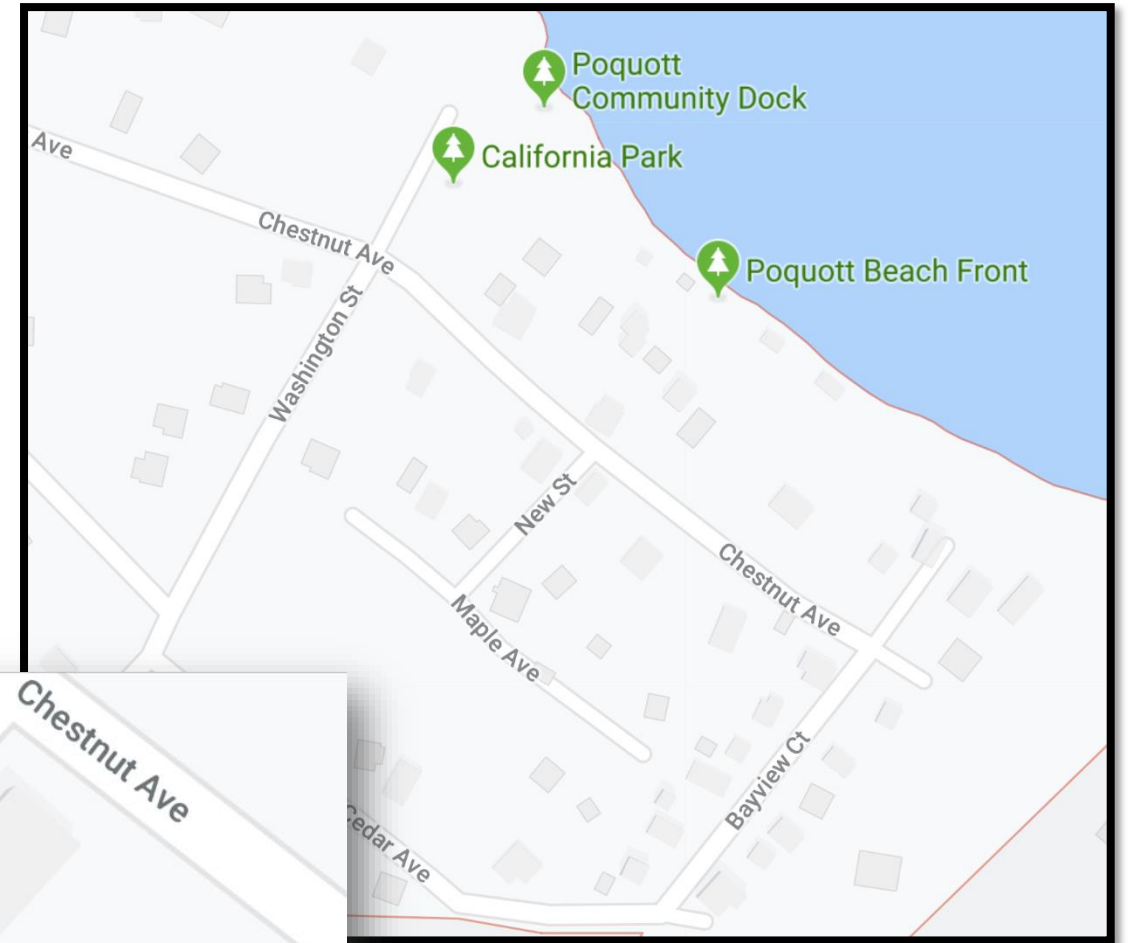
June 2021

Incorporated Village of Poquott –  
Richard Parrish, PG, Environmental  
Commissioner

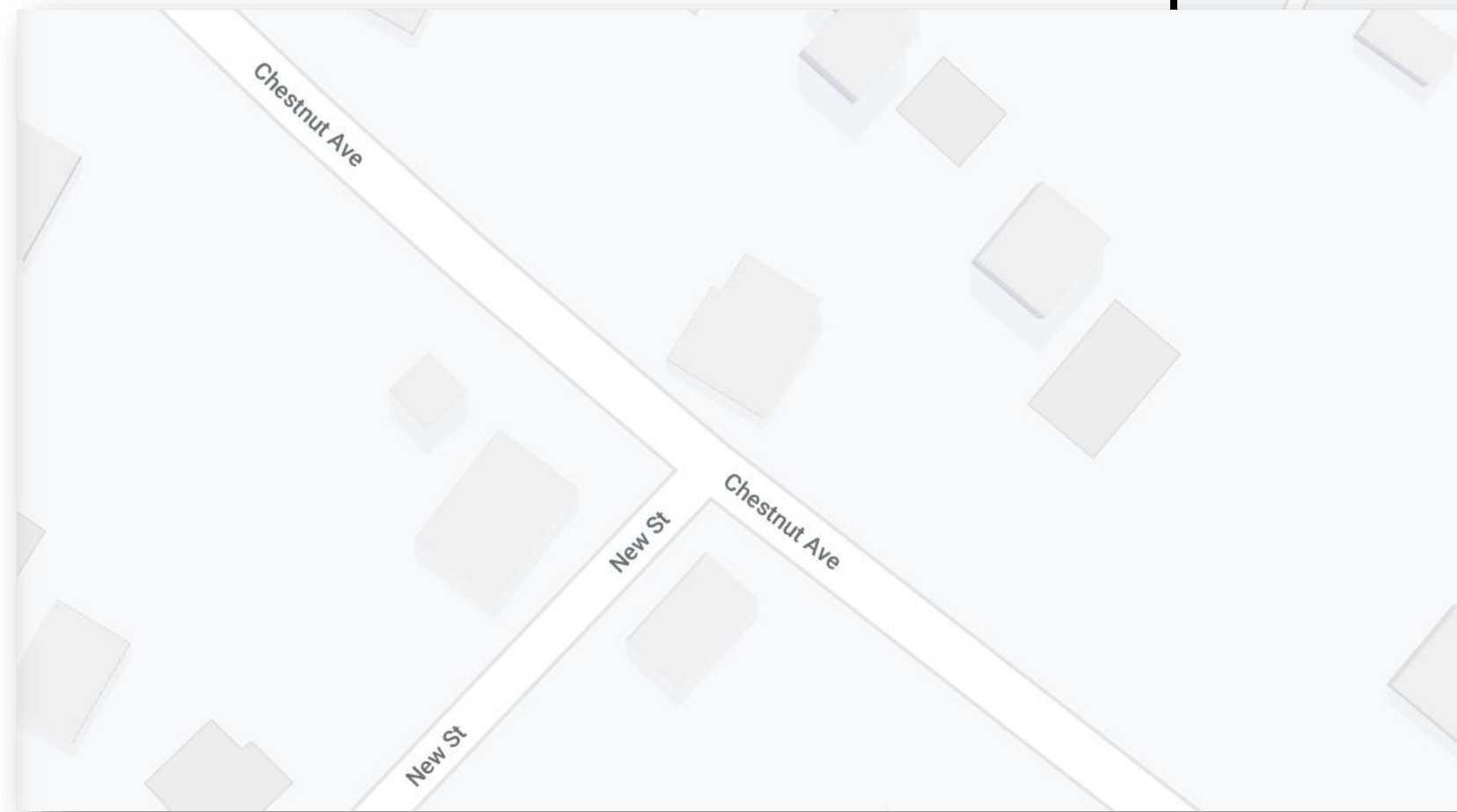
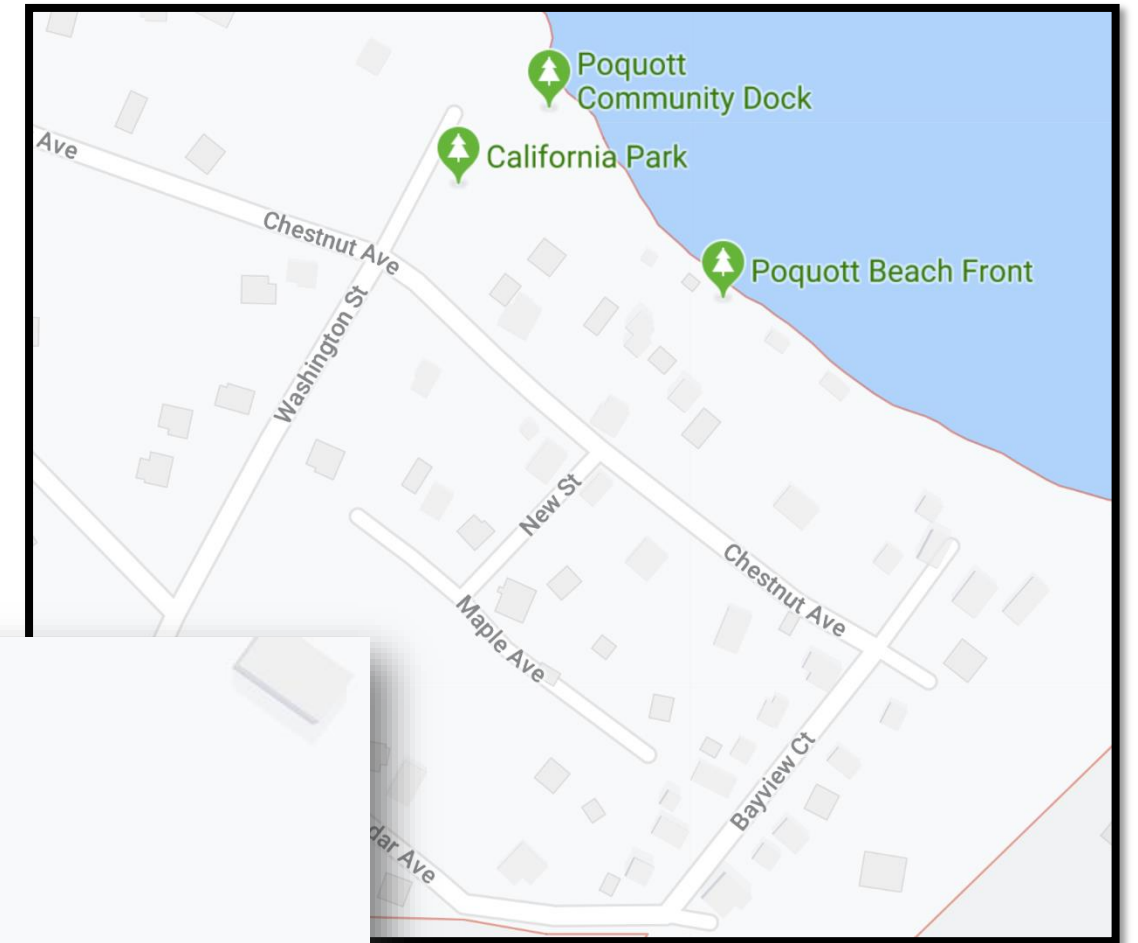


**Drywell Detail**





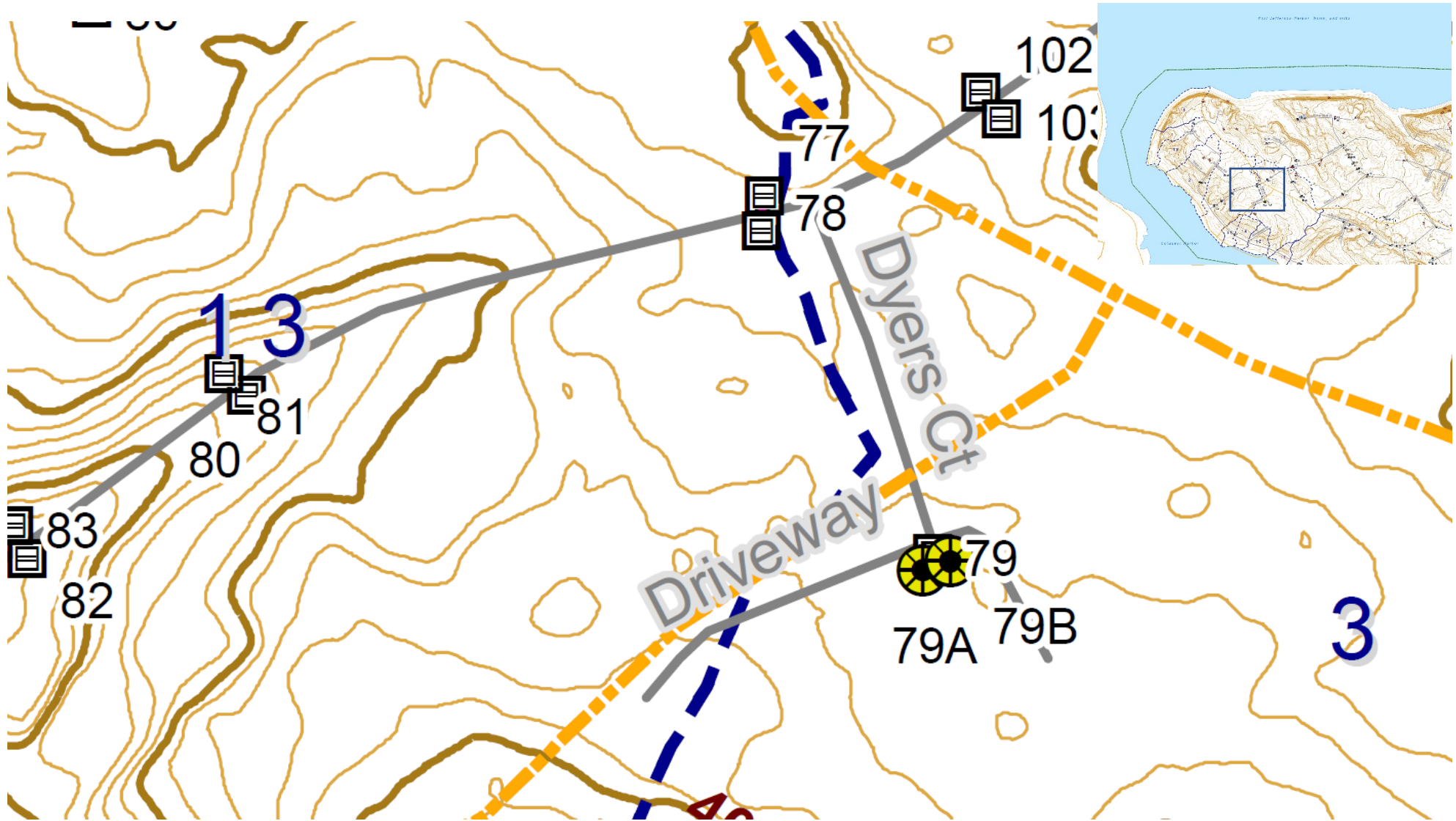




# DYER'S COURT STORMWATER DRYWELL IMPROVEMENT PROJECT

June 2022

The Incorporated Village of  
Poquott – Rich Parrish, PG,  
Environmental Commissioner



**Incorporated Village of Poquott**

45 Birchwood Avenue

Poquott, NY 11733

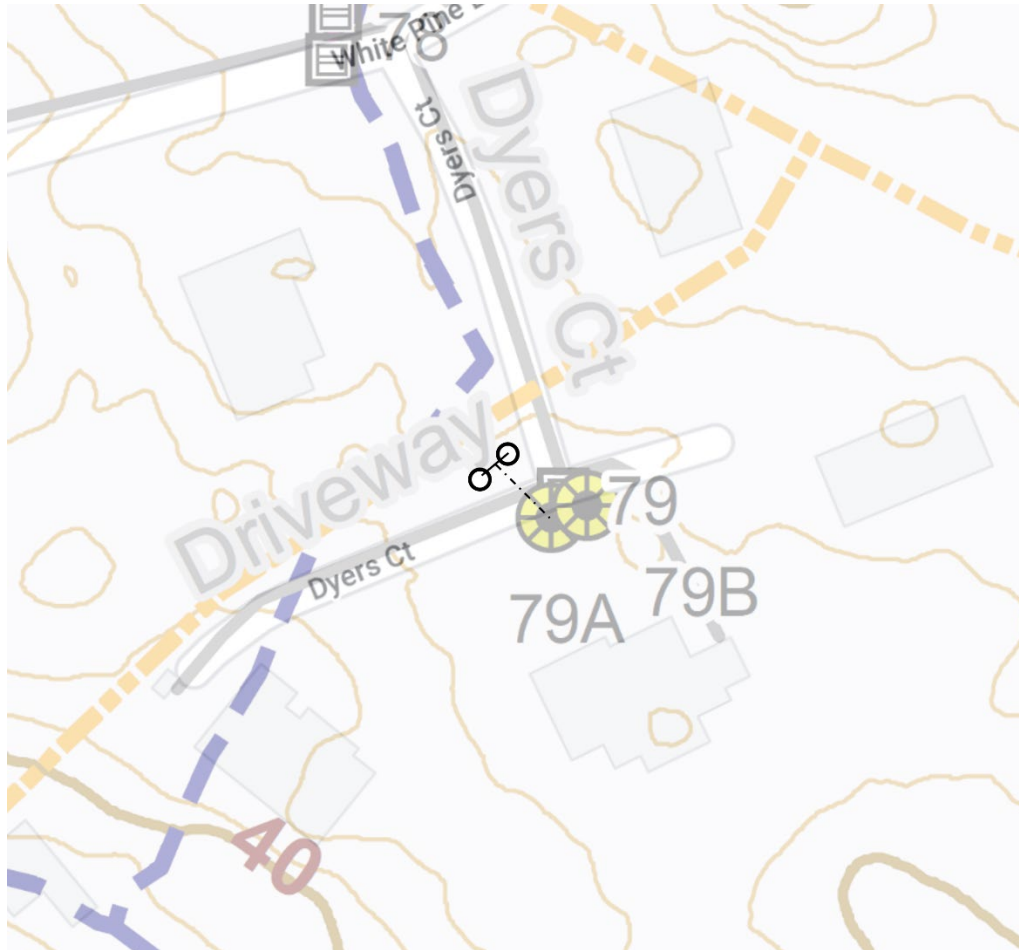
Phone (631) 476-4043 / Fax (631) 331-0402 / Website - [www.villageofpoquott.com](http://www.villageofpoquott.com)

**Dyer's Court Stormwater Drywell  
Improvement Project**

June 2022







NOTES: 12' DIAMETER CONCRETE RINGS STACKED 2 FOR DEPTH OF 24' WITH PRECAST DOME AND ACCESSWAY OF CAST IRON AT GRADE. TOPSOIL AND GRASS SEED OVER TOP. RINGS ARE SET AS OVERFLOWS TO EXISTING DRYWELLS "79A" AND "79B". NEW DRAINS WILL BE MAPED AS-BUILT AND TITLED "79C" AND "79D", ACCORDINGLY.

### Incorporated Village of Poquott

45 Birchwood Avenue

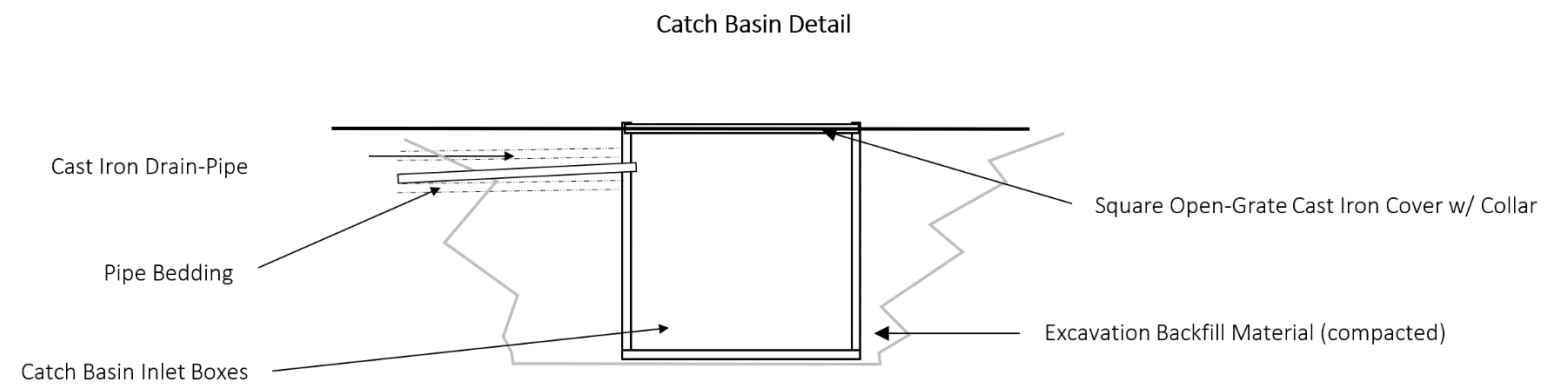
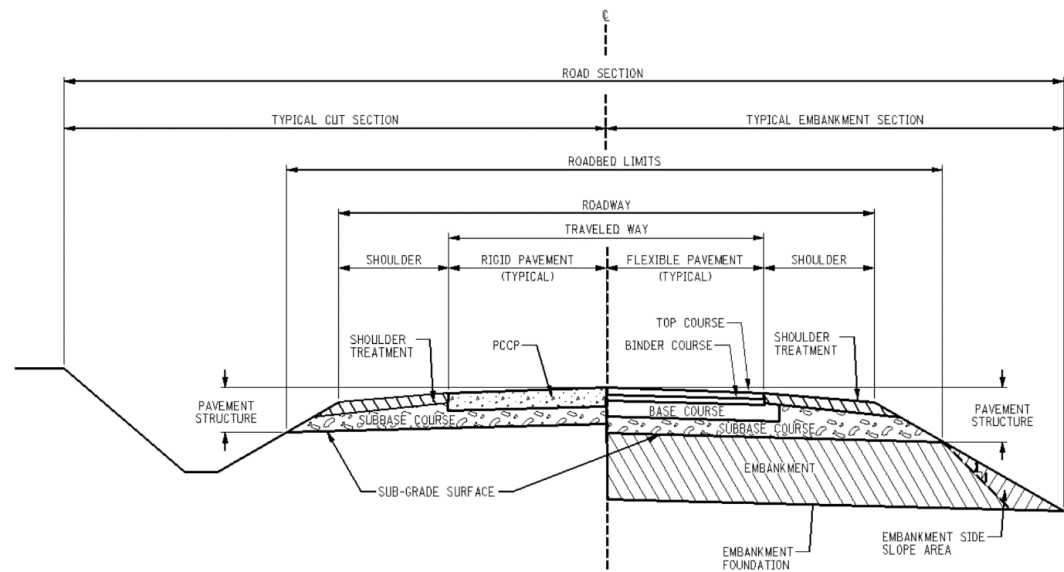
Poquott, NY 11733

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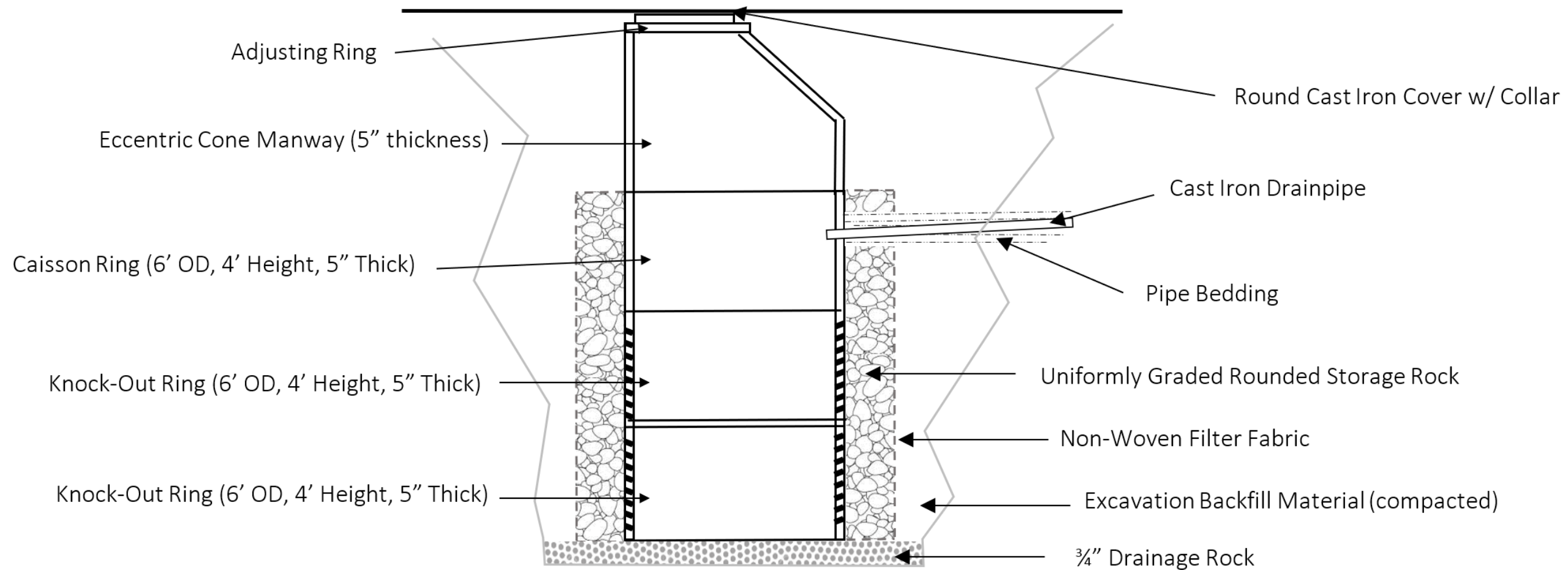
### Dyer's Court Stormwater Drywell Improvement Project

June 2022





**Drywell Detail**



## Maple-New-Chestnut Street Drainage Complex Project

Since 2010, the Village has taken a significant measures to address drainage issues from stormwater runoff. These measures have been undertaken to reduce risk, minimize maintenance costs, minimize vermin generation and/or to comply with regulations. Projects have included upgrades to design, construction and function of drains, and have often been performed as to package other benefits.

For instance, there were design and construction upgrades at the head and foot of Washington Street wherein costs were deferred through grant monies for compliance with the Village's State Pollution Discharge Elimination System (SPEDES) Permit from the State.

There were design and construction upgrades at Maybeck Drive that were packaged for cost savings with repairs being performed on the street by the Suffolk County Water Authority. These upgrades were performed to mitigate risk and reduce the generation of vermin. The risk in this case involved liability for damages associated with runoff from Village-owned roads/right-of-ways to private property.

There were design and construction upgrades at the intersection of Chestnut and Walnut Streets that were performed to comply with the Village SPDES Permit, reduce the generation of vermin and to reduce routine maintenance costs.

There were design and construction upgrades on Sharon and Highview Avenues. These upgrades were performed to mitigate liability for damages associated with runoff from Village-owned roads/right-of-ways to private property.

All of these projects have been successfully executed to the satisfaction of the great majority of the associated residents and have successfully addressed their targeted intentions. All have been performed through coordinated effort, internally, between the Mayor, the Village Clerk and the Environmental Commissioner. There has been significant savings associated with the fact that no outside engineering has been required and that work is bundled, where possible, with work being performed at the expense of third-parties (utility companies).

The next drainage project that is proposed for consideration for the Board of Trustees is for the Maple Avenue, New Street and Chestnut Avenue area drainage complex of the village. This area has suffered from high erosion (Maple Avenue), private property damage (Maple Avenue and New Street) and inordinately high maintenance costs for the Village (New Street and Chestnut Avenue).

In that the issues of erosion and damages are high, the Environmental Commissioner has requested a survey be prepared of the area to engineer the necessary design and construction upgrades that will be necessary. Consistent with past projects, this work will be designed to leverage monies that will be expended by National Grid during gas main installation on Chestnut Avenue. The installation will pay for many of the repairs that will be necessary to the roadways upon installation of drainage structures and the resulting gas-lines.

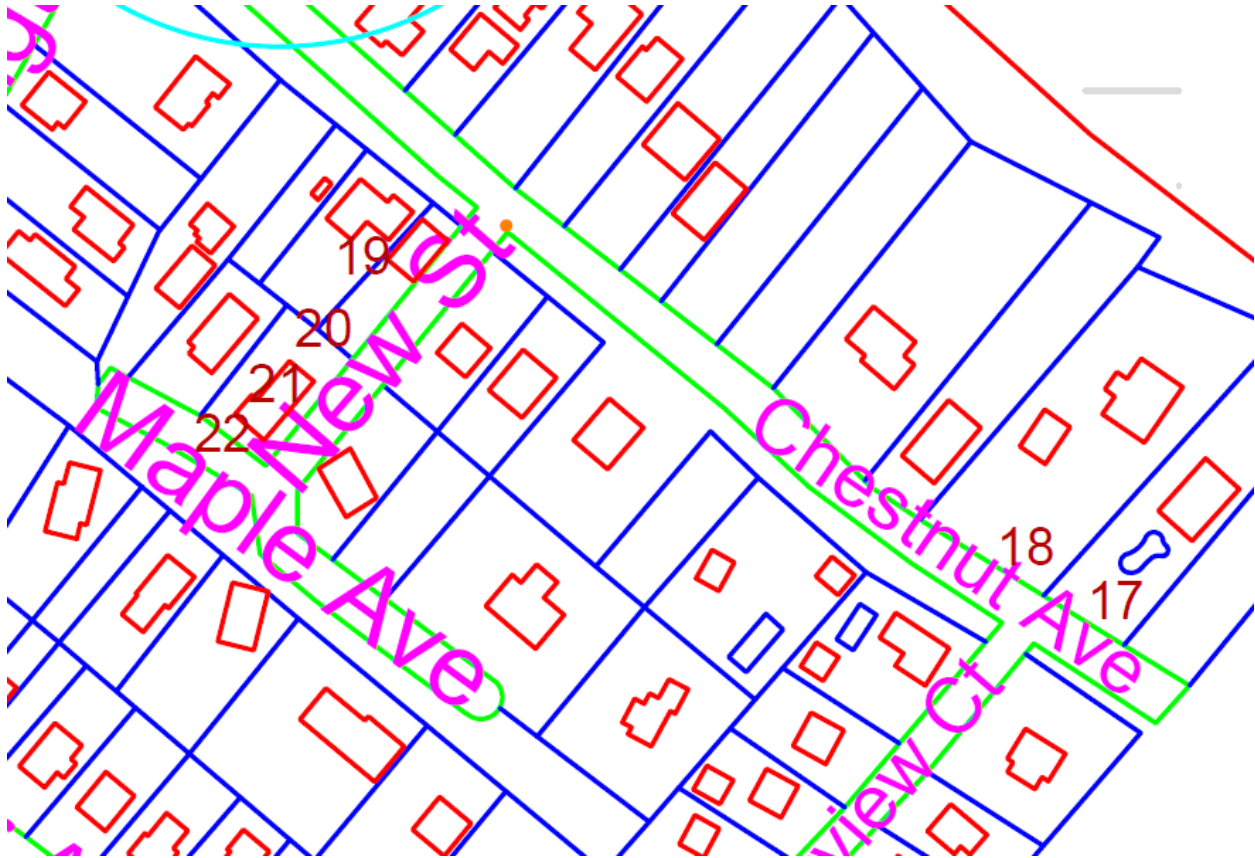
It is expected that the final design will include the construction of curbing along Maple Avenues and New Street, the installation of at least five new drywell structures and road widening and design upgrades to Chestnut Avenue.

## **Maple-New-Chestnut Street Drainage Complex Project**

Attached for your consideration in this matter are photographs showing the current state of the Maple-New-Chestnut Drainage Complex. Of note is that drains 20 – 22 (as referenced on the Village Drain Map) along New Street require servicing on a frequency that is five times that of any of the other drains in the Village to prevent flooding and thus vermin generation and private property damage. This servicing is expensive and difficult for staff to effectively coordinate.

All design engineering will use Rational Formula calculations to determine new drain placement for paved streets and roads with a coefficient of Runoff Value of 0.99.

# Maple-New-Chestnut Street Drainage Complex Project



The Maple-New-Chestnut Street Drainage Complex with drains (numbered) and structures. Village of Poquott base map V1.

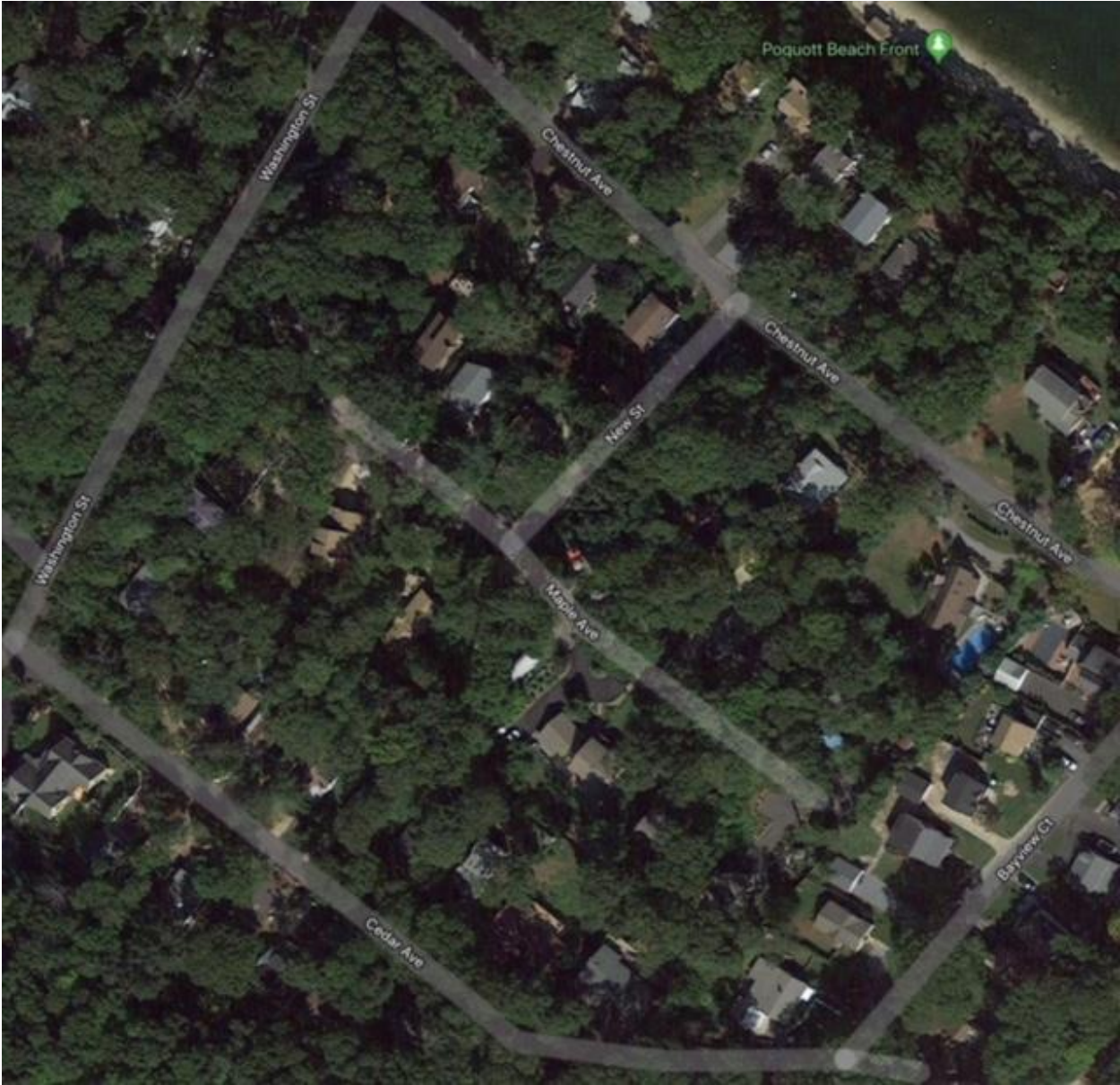
# Maple-New-Chestnut Street Drainage Complex Project



Areas of significant sloping that create to erosion damage and high maintenance costs for drains 20-22.



Maple-New-Chestnut Street Drainage Complex Project



Aerial view of Maple-New-Chestnut Drainage Complex

Maple-New-Chestnut Street Drainage Complex Project



High slope on the east side of Maple Avenue. Note: no drains on the slope.



## Maple-New-Chestnut Street Drainage Complex Project



High slope on the west side of Maple Avenue. Note: no drains on the slope or at a base; curbing is temporary (asphalt).

## Maple-New-Chestnut Street Drainage Complex Project



Intersection of New Street and Maple Avenue. Note: significant evidence of runoff and erosion and debris in roadway coming from both the east and west sides of Maple Avenue.



Maple-New-Chestnut Street Drainage Complex Project



New Street with drain 21 on left and 22 in background.

## Maple-New-Chestnut Street Drainage Complex Project



Note: Low elevation of garage structure which has been abandoned due to stormwater infiltration.



Maple-New-Chestnut Street Drainage Complex Project



Note: low elevation of property yard.