

New Jersey Sports & Exposition Authority Drainage Ditch Inspection Report

prepared in conformance with

**The National Flood Insurance Program
Community Rating System**

by

The New Jersey Sports and Exposition Authority

One DeKorte Park Plaza

Lyndhurst, New Jersey

October 13, 2022



Table of Contents

Content	Page
Table of Contents	
1. Executive Summary	1
2. Inspection Process	1
3. Inspection Reports	1
3.1. Carlstadt	
3.1.1. Asia Place Ditch System	2
3.1.2. Bashes Creek Ditch System	20
3.1.3. Moonachie Creek Ditch System	28
3.1.4. Peach Island Creek Ditch System	38
3.2. East Rutherford	
3.2.1. East Rutherford Ditch System	50
3.3. Kearny	
3.3.1. Belleville Turnpike & Kearny Marsh Ditch System	58
3.4. Little Ferry	
3.4.1. Depeyster Creek Ditch System	68
3.5. Lyndhurst	
3.5.1. Chubb Ave, Wall Street West & Polito Ave Ditch System	72
3.6. Moonachie	
3.6.1. East Riser Ditch System	86
3.7. North Bergen	
3.7.1. Cromakill Creek Ditch System	98
3.8. Rutherford	
3.8.1. Rutherford Ditch System	111
3.9. Secaucus	
3.9.1. Sack's Creek & Golden Avenue Ditch System	124

1. Executive Summary

The New Jersey Sports and Exposition Authority (“NJSEA”) participates in the Federal Emergency Management Agency’s (FEMA) Community Rating System (“CRS”) on behalf of the 14 municipalities within the New Jersey Sports and Exposition Authority District. This program is voluntary and recognizes and encourages community floodplain management activities that exceed the minimum National Flood Insurance Program (“NFIP”) requirements.

Property owners and tenants in the New Jersey Sports and Exposition Authority District currently enjoy a fifteen percent flood insurance discount due to the continued efforts by the NJSEA to exceed the program requirements. As required per the CRS Coordinator’s Manual Activity 540, “Drainage System Maintenance,” the NJSEA evaluated the functionality of all of the major drainage ditch systems within the District. The conditions of the ditches, along with maintenance recommendations, have been documented based on numerous inspections.

2. Inspection Process

Prior to each inspection, NJSEA reviewed the 2021 Activity 540 inspection reports in order to have a basic understanding of each drainage ditch system and its previously reported condition for comparison. Utilizing GIS data, NJSEA also verified each ditch’s location and noted any significant changes to land uses with their respective drainage areas per aerial photos.

In contrast to the tide gate inspections which are significantly influenced by tidal impact on the structures, the drainage ditches can be inspected regardless of the tidal conditions as the majority of the ditch systems are protected by a tide gate.

During each of the inspections, NJSEA performed a general survey of the upstream and downstream area and verified that, if any part of the drainage ditch system was not functioning properly, the extent of the required maintenance necessary. All inspections included pictures of the drainage ditches, including upstream and/or downstream, and any areas of concern around the ditch systems as necessary. Each drainage ditch system and associated study points mapped locations were checked and revised, as necessary, using field notes and aerial photography.

3. Inspection Reports

Inspection reports are found in alphabetical order within each municipality’s sub-section. As certain ditch systems cross municipal boundaries, these systems are treated as being located in the municipality where the majority of the ditch system resides.

Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Asia Place Ditch System (Carlstadt) - Study Point #1

Location:	Block 127	Lot 29
------------------	------------------	---------------

Description:

Date: 9/23/2022

Time of Inspection: 2:07 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Banks and ditches are overgrown.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Ditch has very little depth.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input checked="" type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair		Three culverts at driveway.	
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #1

Date: 9/23/2022

Time of Inspection: 2:07 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at headwall



Figure 2: Downstream view of ditch at headwall

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Asia Place Ditch System (Carlstadt) - Study Point #2

Location:	Block 127	Lot 29
------------------	------------------	---------------

Description:

Date: 9/23/2022

Time of Inspection: 2:04 pm

Tide Conditions: Low**Time of Tide Event:** 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Dense vegetation in detention basin.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Outfall structure is clear of debris.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #2

Date: 9/23/2022

Time of Inspection: 2:04 pm

Tide Condition: Low



Figure 1: View of outfall structure



Figure 2: View of basin

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Asia Place Ditch System (Carlstadt) - Study Point #3

Location: Block 60

Lot 1

Description:

Date: 9/23/2022

Time of Inspection: 1:56 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Three pipes are visible at low tide.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:		
<input type="checkbox"/> Catch Basin			
Overall Functionality:		Notes on Maintenance:	
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #3

Date: 9/23/2022

Time of Inspection: 1:56 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Asia Place Ditch System (Carlstadt) - Study Point #4		
Location:	Block 60	Lot 8	
Description:			
Date:	9/23/2022	Time of Inspection:	1:49 pm
Tide Conditions:	Low	Time of Tide Event:	2:24 pm
Conditions:	Sunny		
Temperature:	65 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Stone lined ditch is clear of debris. Banks are overgrown.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #4

Date: 9/23/2022

Time of Inspection: 1:49 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Asia Place Ditch System (Carlstadt) - Study Point #5		
Location:	Block 127	Lot 9	
Description:			
Date:	9/23/2022	Time of Inspection:	1:42 pm
Tide Conditions:	Low	Time of Tide Event:	2:24 pm
Conditions:	Sunny		
Temperature:	65 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is overgrown but flowing. Outlet pipe silted (50%), and roadway inlet has standing water.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input type="checkbox"/> Fully Functional <input checked="" type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input checked="" type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Asia Place Ditch System (Carlstadt) - Study Point #6

Location:	Block 126	Lot 62
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Description:

Date: 9/23/2022

Time of Inspection: 2:15 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

[illegible]

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #6

Date: 9/23/2022

Time of Inspection: 2:15 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Asia Place Ditch System (Carlstadt) - Study Point #7

Location:	Block 126	Lot 62
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Description:

Date: 9/23/2022

Time of Inspection: 2:15 pm

Tide Conditions: Low**Time of Tide Event:** 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Banks are overgrown.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #7

Date: 9/23/2022

Time of Inspection: 2:15 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Asia Place Ditch System (Carlstadt) - Study Point #8

Location:	Block 126	Lot 6
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Description:

Date: 9/23/2022

Time of Inspection: 2:24 pm

Tide Conditions: Low**Time of Tide Event:** 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System
System Designation:	
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____
Overall Functionality:	
<input checked="" type="checkbox"/> Fully Functional	
<input type="checkbox"/> Functional with Restrictions	
<input type="checkbox"/> Non-Functional	
Maintenance Required:	
<input type="checkbox"/> Immediate	
<input type="checkbox"/> Repair	
<input type="checkbox"/> Continued Upkeep	
<input checked="" type="checkbox"/> None	

Notes on Condition / Problems:
Ditch is clear of debris.
Notes on Maintenance:
DPW has cleared vegetation and removed silt from two large culverts at this location.
Other Notes:

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #8

Date: 9/23/2022

Time of Inspection: 2:24 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at headwall



Figure 2: Downstream view of ditch at headwall

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Asia Place Ditch System (Carlstadt) - Study Point #9		
Location:	Block 126	Lot 5	
Description:			
Date:	9/23/2022	Time of Inspection:	1:15 pm
Tide Conditions:	Low	Time of Tide Event:	2:24 pm
Conditions:	Sunny		
Temperature:	66 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear. Minor debris at rebar trash rack. Banks are overgrown.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input checked="" type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes: Located at corner of Veterans Parkway and Palmer Terrace.
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Asia Place Ditch System (Carlstadt) - Study Point #9

Date: 9/23/2022

Time of Inspection: 1:15 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at headwall



Figure 2: Downstream view of ditch at headwall

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Bashes Creek Ditch System (Carlstadt) - Study Point #1

Location:	Block 128	Lot 28
------------------	------------------	---------------

Description:

Date: 9/23/2022

Time of Inspection: 11:32 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 60 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is not accessible due to heavy vegetation	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	but is clear downstream.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Bashes Creek Ditch System (Carlstadt) - Study Point #1

Date: 9/23/2022

Time of Inspection: 11:32 am

Tide Condition: High



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Bashes Creek Ditch System (Carlstadt) - Study Point #3

Location:	Block 128	Lot 28
------------------	------------------	---------------

Description:

Date: 9/23/2022

Time of Inspection: 11:23 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 60 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is flowing clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Banks are overgrown.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

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Site ID/Name: Bashes Creek Ditch System (Carlstadt) - Study Point #3

Date: 9/23/2022

Time of Inspection: 11:23 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Bashes Creek Ditch System (Carlstadt) - Study Point #2

Location:	Block 128	Lot 8
------------------	------------------	--------------

Description:

Date: 9/23/2022

Time of Inspection: 11:21 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 60 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear downstream, but overgrown upstream.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Inlet silted to top of grate.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input checked="" type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:		Contact Carlstadt DPW about silted inlet and roadway ponding.	
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input checked="" type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Site ID/Name: Bashes Creek Ditch System (Carlstadt) - Study Point #2

Date: 9/23/2022

Time of Inspection: 11:21 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Bashes Creek Ditch System (Carlstadt) - Study Point #4

Location: **Block** 137 **Lot** 2

Description:

Date: 7/19/2022

Time of Inspection: 2:00 pm

Tide Conditions: High

Time of Tide Event: 3:06 pm

Conditions: Sunny

Temperature: 87 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input checked="" type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert	Notes on Maintenance:	
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____		
Overall Functionality:		Tide gate is functional.	
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate	Other Notes:		
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			
		Located on Transco property.	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Bashes Creek Ditch System (Carlstadt) - Study Point #4

Date: 7/19/2022

Time of Inspection: 2:00 pm

Tide Condition: High

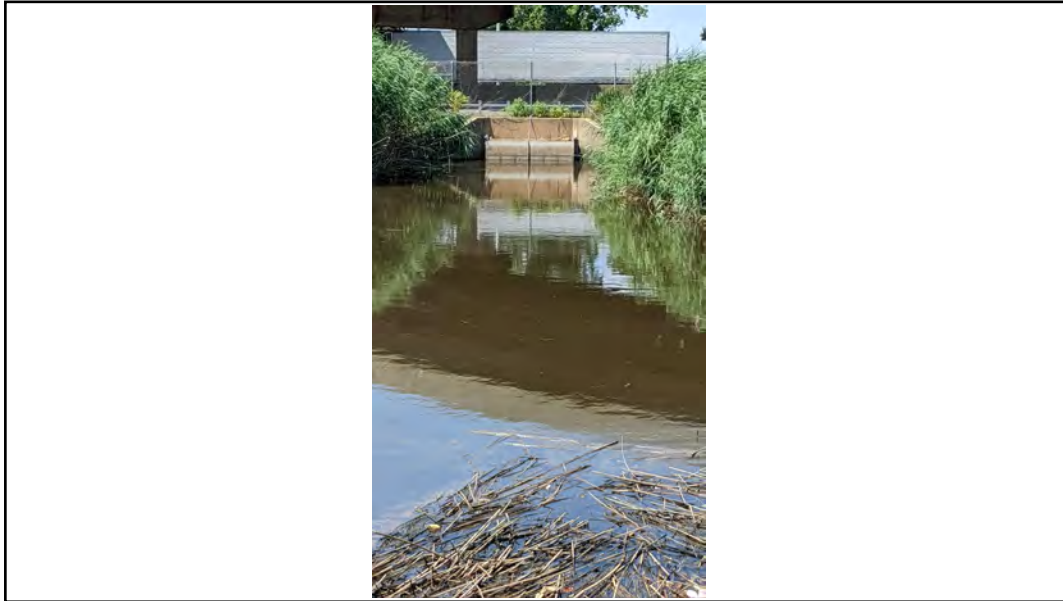


Figure 1: Upstream view at tide gate

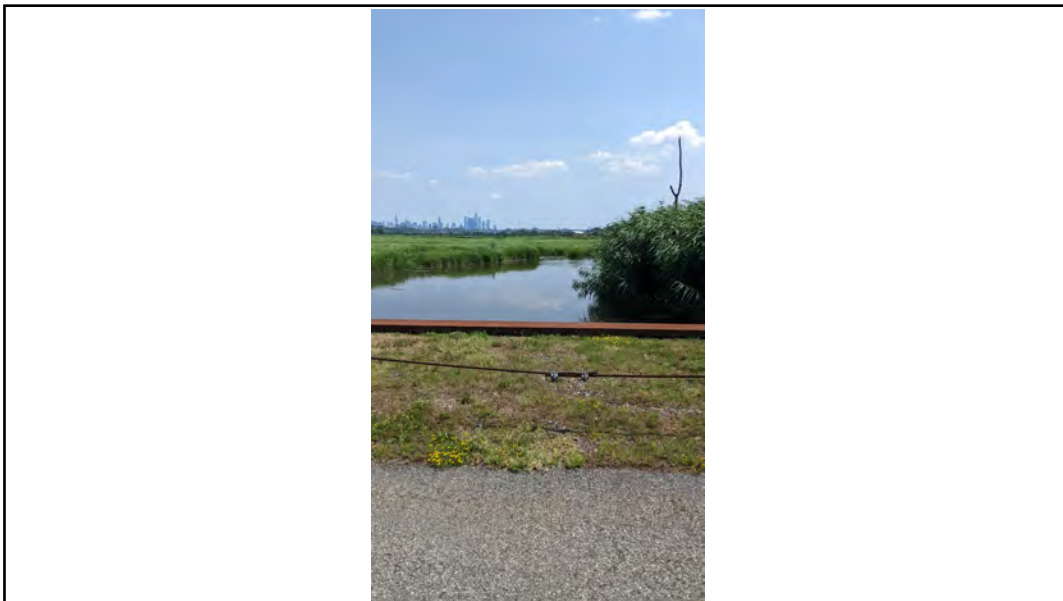


Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Moonachie Creek Ditch System (Carlstadt) - Study Point #1		
Location:	Block 131	Lot 6	
Description:			
Date:	9/23/2022	Time of Inspection:	11:55 am
Tide Conditions:	High	Time of Tide Event:	8:31 am
Conditions:	Sunny		
Temperature:	60 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear at study point, but overgrown upstream and downstream. Water is flowing.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Moonachie Creek Ditch System (Carlstadt) - Study Point #1

Date: 9/23/2022

Time of Inspection: 11:55 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Moonachie Creek Ditch System (Carlstadt) - Study Point #2		
Location:	Block 131	Lot 4	
Description:			
Date:	9/23/2022	Time of Inspection:	11:51 am
Tide Conditions:	High	Time of Tide Event:	8:31 am
Conditions:	Sunny		
Temperature:	60 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is overgrown but flowing. upstream and downstream. Low point inlet at Meadow Lane needs to be repaired.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes: Bergen County to install inline valve at the low point inlet.
Maintenance Required: <input type="checkbox"/> Immediate <input checked="" type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Moonachie Creek Ditch System (Carlstadt) - Study Point #2

Date: 9/23/2022

Time of Inspection: 11:51 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Moonachie Creek Ditch System (Carlstadt) - Study Point #3

Location: **Block** 131 **Lot** 7

Description:

Date: 9/23/2022

Time of Inspection: 11:45 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 60 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Banks overgrown.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Debris in ditch (pallets and lattice).	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Moonachie Creek Ditch System (Carlstadt) - Study Point #3

Date: 9/23/2022

Time of Inspection: 11:45 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Moonachie Creek Ditch System (Carlstadt) - Study Point #4

Location:	Block 128	Lot 20
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Description:

Date: 7/19/2022

Time of Inspection: 2:15 pm

Tide Conditions: High

Time of Tide Event: 3:06 pm

Conditions: Sunny

Temperature: 87 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input checked="" type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin		Tide gate is functional.	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair		Located on Transco property.	
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Moonachie Creek Ditch System (Carlstadt) - Study Point #4

Date: 7/19/2022

Time of Inspection: 2:15 pm

Tide Condition: High



Figure 1: Upstream view at tide gate



Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Moonachie Creek Ditch System (Carlstadt) - Study Point #6		
Location:	Block 131	Lot 20	
Description:			
Date:	9/23/2022	Time of Inspection:	11:40 am
Tide Conditions:	High	Time of Tide Event:	8:31 am
Conditions:	Sunny		
Temperature:	60 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Banks and ditches are overgrown. Stagnant water.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Moonachie Creek Ditch System (Carlstadt) - Study Point #6

Date: 9/23/2022

Time of Inspection: 11:40 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #1

Location:	Block 122	Lot 8.01
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Description:

Date: 9/23/2022

Time of Inspection: 1:00 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input checked="" type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:		Continue to monitor.	
<input type="checkbox"/> Fully Functional		Supports between pipes appear to be compromised.	
<input checked="" type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #1

Date: 9/23/2022

Time of Inspection: 1:00 pm

Tide Condition: Low



Figure 1: Upstream view at tide gate



Figure 2: Upstream view at tide gate

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #1

Date: 9/23/2022

Time of Inspection: 1:00 pm

Tide Condition: Low



Figure 1: Upstream view at tide gate



Figure 2: Upstream view at tide gate

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #2

Location:	Block 124	Lot 50
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Description:

Date: 9/23/2022

Time of Inspection: 1:17 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input checked="" type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____		
Overall Functionality:		Notes on Maintenance:	
<input checked="" type="checkbox"/> Fully Functional		Tide gate partially submerged at low tide.	
<input type="checkbox"/> Functional with Restrictions		Continue to monitor.	
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			
		Other Notes:	
		Duckbill tide gate at Palmer Terrace.	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #2

Date: 9/23/2022

Time of Inspection: 1:17 pm

Tide Condition: Low



Figure 1: Upstream view at tide gate



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #3

Location:	Block 123.01	Lot 12
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Description:

Date: 9/23/2022

Time of Inspection: 1:00 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is overgrown and water overflows into	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	parking lot at high tide.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #3

Date: 9/23/2022

Time of Inspection: 1:00 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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National Flood Insurance Program / Community Rating System

Lot 15**Time of Inspection:** 1:24 pm**Time of Tide Event:** 2:24 pm

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

44

Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #4

Date: 9/23/2022

Time of Inspection: 1:24 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #5

Location:	Block 123.01	Lot 22
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Description:

Date: 9/23/2022

Time of Inspection: 1:41 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Banks overgrown.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Stagnant water.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #5

Date: 9/23/2022

Time of Inspection: 1:41 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Peach Island Creek Ditch System (Carlstadt) - Study Point #6		
Location:	Block	Lot	
Description:			
Date:	9/23/2022	Time of Inspection:	1:39 pm
Tide Conditions:	Low	Time of Tide Event:	2:24 pm
Conditions:	Sunny		
Temperature:	66 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Start of the ditch. Ditch is overgrown, and there is debris.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Peach Island Creek Ditch System (Carlstadt) - Study Point #6

Date: 9/23/2022

Time of Inspection: 1:39 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	East Rutherford Ditch System (East Rutherford) - Study Point #1		
Location:	Block	Lot	
Description:			
Date:	9/23/2022	Time of Inspection:	10:30 am
Tide Conditions:	High	Time of Tide Event:	8:31 am
Conditions:	Sunny		
Temperature:	57 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear. Sediment build up downstream of culvert.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input checked="" type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Rutherford Ditch System (East Rutherford) - Study Point #1

Date: 9/23/2022

Time of Inspection: 10:30 am

Tide Condition: High



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch at culvert

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: East Rutherford Ditch System (East Rutherford) - Study Point #2

Location:	Block 106.01	Lot 13
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Description:

Date: 9/23/2022

Time of Inspection: 10:35 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 57 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Banks are overgrown.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Rutherford Ditch System (East Rutherford) - Study Point #2

Date: 9/23/2022

Time of Inspection: 10:35 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: East Rutherford Ditch System (East Rutherford) - Study Point #3

Location:	Block 106.01	Lot 15
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Description:

Date: 9/23/2022

Time of Inspection: 10:45 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 57 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch and banks are overgrown.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Rutherford Ditch System (East Rutherford) - Study Point #3

Date: 9/23/2022

Time of Inspection: 10:45 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: East Rutherford Ditch System (East Rutherford) - Study Point #5

Location:	Block 106.01	Lot 18
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Description:

Date: 9/23/2022

Time of Inspection: 11:00 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 57 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input checked="" type="checkbox"/> Tide Gate	Vegetation and algae growing at trash rack.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input checked="" type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____		
Overall Functionality:		Notes on Maintenance:	
<input checked="" type="checkbox"/> Fully Functional		Contact Bergen County to remove the algae and vegetation.	
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair		All five tide gates are functional.	
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Rutherford Ditch System (East Rutherford) - Study Point #5

Date: 9/23/2022

Time of Inspection: 11:00 am

Tide Condition: High



Figure 1: Upstream view at tide gate



Figure 2: Downstream view at tide gate

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #1

Location: **Block** 149

Lot 7

Description:	Bridge
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Date: 5/11/2022

Time of Inspection: 11:50 am

Tide Conditions: High

Time of Tide Event: 9:55 am

Conditions: Cloudy

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair		This is a very wide ditch with private access road adjacent to train tracks.	
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #1

Date: 5/11/2022

Time of Inspection: 11:50 am

Tide Condition: High



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #2

Location:	Block 150.01	Lot 52.01
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Description:

Date: 5/11/2022

Time of Inspection: 11:32 am

Tide Conditions: High

Time of Tide Event: 9:55 am

Conditions: Cloudy

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Banks are overgrown.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #2

Date: 5/11/2022

Time of Inspection: 11:32 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #2

Location:	Block 150.01	Lot 52.01
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Description:

Date: 5/11/2022

Time of Inspection: 11:32 am

Tide Conditions: High

Time of Tide Event: 9:55 am

Conditions: Cloudy

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Banks are overgrown.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #2

Date: 5/11/2022

Time of Inspection: 11:32 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #4

Location: **Block** 149 **Lot** 9

Description:	Bridge
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Time of Inspection: 11:40 am

Time of Tide Event: 9:55 am

Conditions: Cloudy

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear. Minor debris (tires) in ditch.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #4

Date: 5/11/2022

Time of Inspection: 11:40 am

Tide Condition: High



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #5

Location:	Block 150.01	Lot 64.01
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Description:

Date: 5/11/2022

Time of Inspection: 11:25 am

Tide Conditions: High

Time of Tide Event: 9:55 am

Conditions: Cloudy

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Ditch and banks are overgrown.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

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Site ID/Name: Belleville Turnpike and Kearny Marsh Ditch System (Kearny) - Study Point #5

Date: 5/11/2022

Time of Inspection: 11:25 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Depeyster Creek Ditch System (Little Ferry) - Study Point #1		
Location:	Block 108.06	Lot 3	
Description:			
Date:	9/27/2022	Time of Inspection:	10:30 am
Tide Conditions:	High	Time of Tide Event:	10:41 am
Conditions:	Sunny		
Temperature:	64 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: This is the start of the ditch. Ditch is clear of debris but dry at this location.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Depeyster Creek Ditch System (Little Ferry) - Study Point #1

Date: 9/27/2022

Time of Inspection: 10:30 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Depeyster Creek Ditch System (Little Ferry) - Study Point #2		
Location:	Block	Lot	
Description:			
Date:	9/27/2022	Time of Inspection:	10:10 am
Tide Conditions:	High	Time of Tide Event:	10:41 am
Conditions:	Sunny		
Temperature:	64 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input checked="" type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is flowing clear downstream. Ditch is not accessible upstream. Pump station is functioning.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance: Little Ferry DPW regularly maintains the equipment.
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes: 3 pumps and generator are operational.
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Depeyster Creek Ditch System (Little Ferry) - Study Point #2

Date: 9/27/2022

Time of Inspection: 10:10 am

Tide Condition: High



Figure 1: Upstream view at pump station



Figure 2: View at pump station

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Chubb Avenue/Wall Street West/Polito Avenue Ditch System (Lyndhurst) - Study Point #1
Location: **Block** 230 **Lot** 2
Description:
Date: 9/26/2022 **Time of Inspection:** 10:45 am
Tide Conditions: High **Time of Tide Event:** 10:09 am
Conditions: Sunny
Temperature: 66 F
Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input checked="" type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes: Old CMP culvert has been replaced with twin concrete culverts and headwalls.
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Chubb Avenue/Wall Street West/Polito Avenue Ditch System (Lyndhurst) - Study Point #1

Date: 9/26/2022

Time of Inspection: 10:45 am

Tide Condition: High



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch at culvert

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #2

Location: **Block** 228 **Lot** 2

Description:

Date: 9/26/2022

Time of Inspection: 10:52 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Dense brush on the banks.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair		Ditch was de-snagged and cleared by the NJDOT	
<input type="checkbox"/> Continued Upkeep		in 2020.	
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #2

Date: 9/26/2022

Time of Inspection: 10:52 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #3

Location:	Block 230	Lot 2
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Description:

Date: 9/26/2022

Time of Inspection: 10:50 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is not accessible due to dense brush on banks.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert	Notes on Maintenance:	
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____		
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate		Ditch was previously cleared by the NJDOT, but vegetation is returning quickly.	
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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National Flood Insurance Program / Community Rating System

Site ID/Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #3

Date: 9/26/2022

Time of Inspection: 10:50 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #4
Location: **Block** 230 **Lot** 10.01
Description:
Date: 9/26/2022 **Time of Inspection:** 10:34 am
Tide Conditions: High **Time of Tide Event:** 10:09 am
Conditions: Sunny
Temperature: 66 F
Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Heavy vegetation. Ditch not visible. Ditch downstream of this point is flowing clear.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #4

Date: 9/26/2022

Time of Inspection: 10:34 am

Tide Condition: High



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #5
Location: **Block** 230 **Lot** 10.01
Description:
Date: 9/26/2022 **Time of Inspection:** 10:30 am
Tide Conditions: High **Time of Tide Event:** 10:09 am
Conditions: Sunny
Temperature: 66 F
Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear of debris. Culvert is not visible at high tide.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #5

Date: 9/26/2022

Time of Inspection: 10:30 am

Tide Condition: High



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #6
Location: **Block** 230 **Lot** 4.01
Description:
Date: 9/26/2022 **Time of Inspection:** 10:20 am
Tide Conditions: High **Time of Tide Event:** 10:09 am
Conditions: Sunny
Temperature: 66 F
Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear of debris.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #6

Date: 9/26/2022

Time of Inspection: 10:20 am

Tide Condition: High



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #7

Location:	Block	Lot
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Description:

Date: 9/26/2022

Time of Inspection: 10:36 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System	
System Designation:		
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert	
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall	
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	
Overall Functionality:		
<input checked="" type="checkbox"/> Fully Functional		
<input type="checkbox"/> Functional with Restrictions		
<input type="checkbox"/> Non-Functional		
Maintenance Required:		
<input type="checkbox"/> Immediate		
<input type="checkbox"/> Repair		
<input type="checkbox"/> Continued Upkeep		
<input checked="" type="checkbox"/> None		

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Chubb Avenue/Wall Street West/ Polito Avenue Ditch System (Lyndhurst) - Study Point #7

Date: 9/26/2022

Time of Inspection: 10:36 am

Tide Condition: High



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: East Riser Tide Gate (Carlstadt) - Study Point #1

Location: **Block** 123.01 **Lot** 6

Description:

Date: 9/23/2022

Time of Inspection: 2:30 pm

Tide Conditions: Low**Time of Tide Event:** 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Minor debris at trash rack.	
<input type="checkbox"/> Post-Storm	<input checked="" type="checkbox"/> Tide Gate	Tide gates are functioning.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:		One cable is missing from a tide gate.	
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Riser Tide Gate (Carlstadt) - Study Point #1

Date: 9/23/2022

Time of Inspection: 2:30 pm

Tide Condition: Low



Figure 1: Upstream view at tide gate



Figure 2: Downstream view at tide gate

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Riser Tide Gate (Carlstadt) - Study Point #1

Date: 9/23/2022

Time of Inspection: 2:30 pm

Tide Condition: Low



Figure 1: Upstream view at tide gate



Figure 2: Downstream view at tide gate

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: East Riser Tide Gate (Carlstadt) - Study Point #2

Location: **Block** 123 **Lot** 11

Description:

Date: 9/23/2022

Time of Inspection: 2:55 pm

Tide Conditions: Low

Time of Tide Event: 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is flowing clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____		
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional		Other Notes:	
Maintenance Required:			
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Riser Tide Gate (Carlstadt) - Study Point #2

Date: 9/23/2022

Time of Inspection: 2:55 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at bridge

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National Flood Insurance Program / Community Rating System

Site ID/Name: East Riser Tide Gate (Carlstadt) - Study Point #2

Date: 9/23/2022

Time of Inspection: 2:55 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: East Riser Tide Gate (Carlstadt) - Study Point #3

Location:	Block 64.02	Lot 1
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Description:

Date: 9/23/2022

Time of Inspection: 2:49 pm

Tide Conditions: Low**Time of Tide Event:** 2:24 pm

Conditions: Sunny

Temperature: 65 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is flowing clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Riser Tide Gate (Carlstadt) - Study Point #3

Date: 9/23/2022

Time of Inspection: 2:49 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at culvert

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Riser Tide Gate (Carlstadt) - Study Point #3

Date: 9/23/2022

Time of Inspection: 2:49 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at bridge



Figure 2: Downstream view of ditch at culvert

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: East Riser Tide Gate (Carlstadt) - Study Point #4

Location:	Block 62	Lot 6.03
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Description:

Date: 7/19/2022

Time of Inspection: 1:30 pm

Tide Conditions: High

Time of Tide Event: 3:06 pm

Conditions: Sunny

Temperature: 87 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is flowing clear.	
<input type="checkbox"/> Post-Storm	<input checked="" type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input checked="" type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate		Culvert across from Teterboro Airport.	
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: East Riser Tide Gate (Carlstadt) - Study Point #4

Date: 7/19/2022

Time of Inspection: 1:30 pm

Tide Condition: High



Figure 1: Upstream view of ditch at culvert

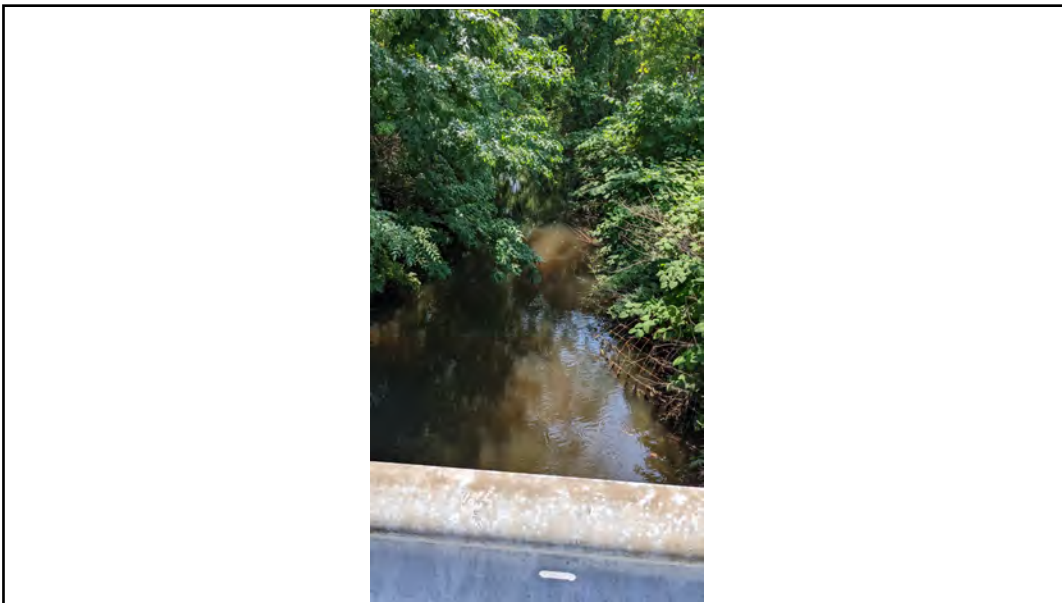


Figure 2: Downstream view of ditch at culvert

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Cromakill Creek Ditch System (North Bergen) - Study Point #1

Location:	Block 453.02	Lot 3.073
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Description:

Date: 9/26/2022

Time of Inspection: 11:15 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 70 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System	
System Designation:		
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert	
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall	
Channel	<input type="checkbox"/> Other:	
<input type="checkbox"/> Catch Basin		
Overall Functionality:		
<input checked="" type="checkbox"/> Fully Functional		
<input type="checkbox"/> Functional with Restrictions		
<input type="checkbox"/> Non-Functional		
Maintenance Required:		
<input type="checkbox"/> Immediate		
<input type="checkbox"/> Repair		
<input type="checkbox"/> Continued Upkeep		
<input checked="" type="checkbox"/> None		

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Cromakill Creek Ditch System (North Bergen) - Study Point #1

Date: 9/26/2022

Time of Inspection: 11:15 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Cromakill Creek Ditch System (North Bergen) - Study Point #2

Location:	Block 453.02	Lot 3.073
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Description:

Date: 9/26/2022

Time of Inspection: 11:10 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 70 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	The ditch is clear of debris.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	The banks are overgrown.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Cromakill Creek Ditch System (North Bergen) - Study Point #2

Date: 9/26/2022

Time of Inspection: 11:10 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Cromakill Creek Ditch System (North Bergen) - Study Point #3

Location:	Block 453.02	Lot 3.075
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Description:

Date: 9/26/2022

Time of Inspection: 11:10 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 70 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall	Notes on Maintenance:	
<input type="checkbox"/> Channel	<input type="checkbox"/> Other:		
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions		Other Notes:	
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Cromakill Creek Ditch System (North Bergen) - Study Point #3

Date: 9/26/2022

Time of Inspection: 11:10 am

Tide Condition: High



Figure 1: Downstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Cromakill Creek Ditch System (North Bergen) - Study Point #4

Location:	Block 453.02	Lot 3.076
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Description:

Date: 9/26/2022

Time of Inspection: 11:20 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 70 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair		Photos taken from footbridge.	
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Cromakill Creek Ditch System (North Bergen) - Study Point #4

Date: 9/26/2022

Time of Inspection: 11:20 am

Tide Condition: High

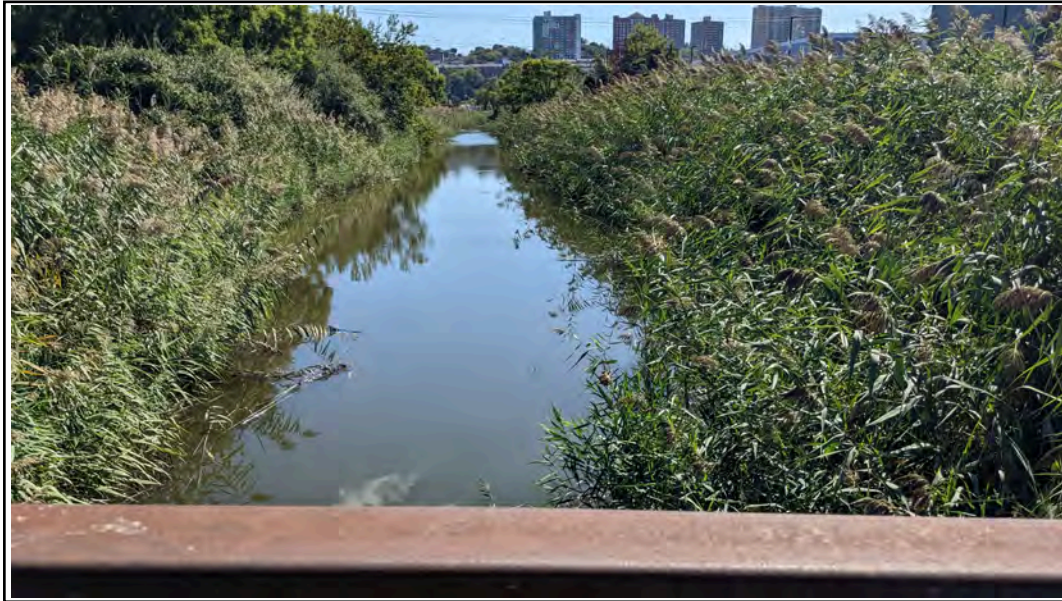


Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Cromakill Creek Ditch System (North Bergen) - Study Point #5		
Location:	Block 453.02	Lot 3.076	
Description:			
Date:	9/26/2022	Time of Inspection:	11:30 am
Tide Conditions:	High	Time of Tide Event:	10:09 am
Conditions:	Sunny		
Temperature:	70 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: 	
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:		
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional		
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None		
Notes on Maintenance: 		
Other Notes: The property is fenced and no longer occupied. No access to study point. 		

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Cromakill Creek Ditch System (North Bergen) - Study Point #6		
Location:	Block 453.02	Lot 3.01	
Description:			
Date:	9/26/2022	Time of Inspection:	11:30 am
Tide Conditions:	High	Time of Tide Event:	10:09 am
Conditions:	Sunny		
Temperature:	70 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear of debris. Banks have been lined with riprap. New headwall at existing box culverts.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes: This location is across from the overpass to Tonnelle Avenue.
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Cromakill Creek Ditch System (North Bergen) - Study Point #6

Date: 9/26/2022

Time of Inspection: 11:30 am

Tide Condition: High



Figure 1: Upstream view of ditch at headwall



Figure 2: Downstream view of ditch at headwall

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Cromakill Creek Ditch System (North Bergen) - Study Point #7

Location:	Block 453.05	Lot 6
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Description:

Date: 9/26/2022

Time of Inspection: 11:33 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 70 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Heavy brush along the banks.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	There is debris in the ditch.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:	Notes on Maintenance:	
<input type="checkbox"/> Catch Basin			
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Cromakill Creek Ditch System (North Bergen) - Study Point #7

Date: 9/26/2022

Time of Inspection: 11:33 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Cromakill Creek Ditch System (North Bergen) - Study Point #8

Location:	Block 453.05	Lot 6
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Description:

Date: 9/26/2022

Time of Inspection: 11:51 am

Tide Conditions: High

Time of Tide Event: 10:09 am

Conditions: Sunny

Temperature: 66 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is overgrown and not accessible.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Rutherford Ditch System (Rutherford) - Study Point #1

Location:	Block 219.02	Lot 60.05
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Description:

Date: 9/23/2022

Time of Inspection: 10:00 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 55 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Rutherford Ditch System (Rutherford) - Study Point #1

Date: 9/23/2022

Time of Inspection: 10:00 am

Tide Condition: High



Figure 1: Upstream view at tide gate



Figure 2: Downstream view at tide gate

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National Flood Insurance Program / Community Rating System

Site ID/Name: Rutherford Ditch System (Rutherford) - Study Point #1

Date: 9/23/2022

Time of Inspection: 10:00 am

Tide Condition: High



Figure 1: Upstream view at tide gate



Figure 2: Downstream view at tide gate

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Rutherford Ditch System (Rutherford) - Study Point #2

Location:	Block	Lot
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Description:

Date: 9/23/2022

Time of Inspection: 10:11 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 55 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Culverts partially submerged at high tide.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input checked="" type="checkbox"/> Natural Stream	<input checked="" type="checkbox"/> Culvert		
<input type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Rutherford Ditch System (Rutherford) - Study Point #2

Date: 9/23/2022

Time of Inspection: 10:11 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Rutherford Ditch System (Rutherford) - Study Point #3		
Location:	Block 219.02	Lot 65.05	
Description:			
Date:	9/23/2022	Time of Inspection:	10:20 am
Tide Conditions:	High	Time of Tide Event:	8:31 am
Conditions:	Sunny		
Temperature:	55 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: No access due to heavy vegetation at this point, but ditch is clear downstream.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Rutherford Ditch System (Rutherford) - Study Point #3

Date: 9/23/2022

Time of Inspection: 10:20 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Rutherford Ditch System (Rutherford) - Study Point \$4		
Location:	Block 219.02	Lot 68.06	
Description:			
Date:	9/23/2022	Time of Inspection:	10:22 am
Tide Conditions:	High	Time of Tide Event:	8:31 am
Conditions:	Sunny		
Temperature:	55 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: This is the upstream end of the ditch. Heavy vegetation.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input checked="" type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input checked="" type="checkbox"/> Continued Upkeep <input type="checkbox"/> None	

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National Flood Insurance Program / Community Rating System

Site ID/Name: Rutherford Ditch System (Rutherford) - Study Point \$4

Date: 9/23/2022

Time of Inspection: 10:22 am

Tide Condition: High



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch at culvert

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Rutherford Ditch System (Rutherford) - Study Point #5

Location:	Block 219.02	Lot 65.05
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Description:

Date: 9/23/2022

Time of Inspection: 10:15 am

Tide Conditions: High

Time of Tide Event: 8:31 am

Conditions: Sunny

Temperature: 55 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch/banks are overgrown on both sides of	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	highway ramp.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input checked="" type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade	<input type="checkbox"/> Outfall		
Channel	<input type="checkbox"/> Other:		
<input type="checkbox"/> Catch Basin		Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Rutherford Ditch System (Rutherford) - Study Point #5

Date: 9/23/2022

Time of Inspection: 10:15 am

Tide Condition: High



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch at bridge

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Rutherford Ditch System (Rutherford) - Study Point #6		
Location:	Block 219.02	Lot 60.05	
Description:			
Date:	9/23/2022	Time of Inspection:	10:07 am
Tide Conditions:	High	Time of Tide Event:	8:31 am
Conditions:	Sunny		
Temperature:	55 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: No debris at trash rack/culvert. Ditch is clear but water level is high.
System Designation: <input checked="" type="checkbox"/> Natural Stream <input type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input checked="" type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Rutherford Ditch System (Rutherford) - Study Point #6

Date: 9/23/2022

Time of Inspection: 10:07 am

Tide Condition: High



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch at culvert

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #1

Location: **Block** 22 **Lot** 1

Description:

Date: 9/26/2022

Time of Inspection: 1:58 pm

Tide Conditions: Low

Time of Tide Event: 4:33 pm

Conditions: Sunny

Temperature: 76 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	All four tide gates are fully open.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:			
<input type="checkbox"/> Immediate		Other Notes:	
<input type="checkbox"/> Repair		Maintained by the DPW.	
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #1

Date: 9/26/2022

Time of Inspection: 1:58 pm

Tide Condition: Low



Figure 1: Upstream view at tide gate



Figure 2: Downstream view at tide gate

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #2		
Location:	Block 22	Lot 1	
Description:			
Date:	9/26/2022	Time of Inspection:	2:05 pm
Tide Conditions:	Low	Time of Tide Event:	4:33 pm
Conditions:	Sunny		
Temperature:	76 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: No ditch to access. Heavy brush.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #3

Location: **Block** 22 **Lot** 2

Description:

Date: 9/26/2022

Time of Inspection: 2:05 pm

Tide Conditions: Low

Time of Tide Event: 4:33 pm

Conditions: Sunny

Temperature: 76 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Ditch is clear of debris.
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System	
System Designation:		
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert	
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall	
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	
Overall Functionality:		
<input checked="" type="checkbox"/> Fully Functional		
<input type="checkbox"/> Functional with Restrictions		
<input type="checkbox"/> Non-Functional		
Maintenance Required:		
<input type="checkbox"/> Immediate		
<input type="checkbox"/> Repair		
<input type="checkbox"/> Continued Upkeep		
<input checked="" type="checkbox"/> None		
		Other Notes:

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Drainage System Inspection Photos

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Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #3

Date: 9/26/2022

Time of Inspection: 2:05 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #4		
Location:	Block 27	Lot 1	
Description:			
Date:	9/26/2022	Time of Inspection:	2:17 pm
Tide Conditions:	Low	Time of Tide Event:	4:33 pm
Conditions:	Sunny		
Temperature:	76 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is clear and well defined. 2 RCP and 1 CMP. Exposed end of CMP is rusted.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance: Monitor conditions.
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #4

Date: 9/26/2022

Time of Inspection: 2:17 pm

Tide Condition: Low



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #5

Location:	Block 23	Lot 4.02
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Description:

Date: 9/26/2022

Time of Inspection: 2:20 pm

Tide Conditions: Low

Time of Tide Event: 4:33 pm

Conditions: Sunny

Temperature: 76 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Overgrown vegetation ,and no water in ditch at upstream end.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate		
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:			
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input type="checkbox"/> Continued Upkeep			
<input checked="" type="checkbox"/> None			

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National Flood Insurance Program / Community Rating System

Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #5

Date: 9/26/2022

Time of Inspection: 2:20 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #6

Location: **Block** 54 **Lot** 1

Description:

Date: 9/26/2022

Time of Inspection: 2:32 pm

Tide Conditions: Low**Time of Tide Event:** 4:33 pm

Conditions: Sunny

Temperature: 76 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

Type of Inspection:		Notes on Condition / Problems:	
<input checked="" type="checkbox"/> Yearly	<input checked="" type="checkbox"/> Ditch	Stagnant water at upstream end.	
<input type="checkbox"/> Post-Storm	<input type="checkbox"/> Tide Gate	Vegetation/growth in ditch.	
<input type="checkbox"/> Complaint	<input type="checkbox"/> Pump System		
System Designation:			
<input type="checkbox"/> Natural Stream	<input type="checkbox"/> Culvert		
<input checked="" type="checkbox"/> Manmade Channel	<input type="checkbox"/> Outfall		
<input type="checkbox"/> Catch Basin	<input type="checkbox"/> Other: _____	Notes on Maintenance:	
Overall Functionality:		Monitor conditions.	
<input checked="" type="checkbox"/> Fully Functional			
<input type="checkbox"/> Functional with Restrictions			
<input type="checkbox"/> Non-Functional			
Maintenance Required:		Other Notes:	
<input type="checkbox"/> Immediate			
<input type="checkbox"/> Repair			
<input checked="" type="checkbox"/> Continued Upkeep			
<input type="checkbox"/> None			

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Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #6

Date: 9/26/2022

Time of Inspection: 2:32 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #7

Location:	Block 30	Lot 4.03
------------------	-----------------	-----------------

Description:

Date: 9/26/2022

Time of Inspection: 2:40 am

Tide Conditions: Low

Time of Tide Event: 4:33 pm

Conditions: Sunny

Temperature: 76 F

Inspected By: Jeff Zielinski & Fawzia Shapiro

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Lyndhurst, New Jersey 07071



Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #7

Date: 9/26/2022

Time of Inspection: 2:40 am

Tide Condition: Low



Figure 1: Upstream view of ditch at culvert



Figure 2: Downstream view of ditch at culvert

If Found, Please Return To:

Division of Land Use Management (LUM)
New Jersey Sports & Exposition Authority
One DeKorte Park Plaza
PO Box 640
Lyndhurst, New Jersey 07071



Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #8		
Location:	Block 53	Lot 2	
Description:			
Date:	9/26/2022	Time of Inspection:	2:47 pm
Tide Conditions:	Low	Time of Tide Event:	4:33 pm
Conditions:	Sunny		
Temperature:	76 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Downstream and upstream ditches are clear of debris. Ditch is overgrown.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

If Found, Please Return To:

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 New Jersey Sports & Exposition Authority
 One DeKorte Park Plaza
 PO Box 460
 Lyndhurst, New Jersey 07071



Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #8

Date: 9/26/2022

Time of Inspection: 2:47 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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New Jersey Sports & Exposition Authority
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Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #9		
Location:	Block	Lot	
Description:			
Date:	9/26/2022	Time of Inspection:	2:35 pm
Tide Conditions:	Low	Time of Tide Event:	4:33 pm
Conditions:	Sunny		
Temperature:	76 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Eastern ditch and western ditch are overgrown. There are 2 parallel ditches.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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 New Jersey Sports & Exposition Authority
 One DeKorte Park Plaza
 PO Box 460
 Lyndhurst, New Jersey 07071



Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #9

Date: 9/26/2022

Time of Inspection: 2:35 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

If Found, Please Return To:

Division of Land Use Management (LUM)
New Jersey Sports & Exposition Authority
One DeKorte Park Plaza
PO Box 640
Lyndhurst, New Jersey 07071



Drainage System Inspection Log

National Flood Insurance Program / Community Rating System

Site ID / Name:	Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #10		
Location:	Block	Lot	
Description:			
Date:	9/26/2022	Time of Inspection:	2:50 pm
Tide Conditions:	Low	Time of Tide Event:	4:33 pm
Conditions:	Sunny		
Temperature:	76 F		
Inspected By:	Jeff Zielinski & Fawzia Shapiro		

Type of Inspection: <input checked="" type="checkbox"/> Yearly <input type="checkbox"/> Post-Storm <input type="checkbox"/> Complaint <input checked="" type="checkbox"/> Ditch <input type="checkbox"/> Tide Gate <input type="checkbox"/> Pump System	Notes on Condition / Problems: Ditch is flowing but overgrown. Elliptical CMP is visible at low tide.
System Designation: <input type="checkbox"/> Natural Stream <input checked="" type="checkbox"/> Manmade Channel <input type="checkbox"/> Catch Basin <input type="checkbox"/> Culvert <input type="checkbox"/> Outfall <input type="checkbox"/> Other:	Notes on Maintenance:
Overall Functionality: <input checked="" type="checkbox"/> Fully Functional <input type="checkbox"/> Functional with Restrictions <input type="checkbox"/> Non-Functional	Other Notes:
Maintenance Required: <input type="checkbox"/> Immediate <input type="checkbox"/> Repair <input type="checkbox"/> Continued Upkeep <input checked="" type="checkbox"/> None	

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 New Jersey Sports & Exposition Authority
 One DeKorte Park Plaza
 PO Box 460
 Lyndhurst, New Jersey 07071



Drainage System Inspection Photos

National Flood Insurance Program / Community Rating System

Site ID/Name: Sack's Creek and Golden Avenue Ditch System (Secaucus) - Study Point #10

Date: 9/26/2022

Time of Inspection: 2:50 pm

Tide Condition: Low



Figure 1: Upstream view of ditch



Figure 2: Downstream view of ditch

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Division of Land Use Management (LUM)
New Jersey Sports & Exposition Authority
One DeKorte Park Plaza
PO Box 640
Lyndhurst, New Jersey 07071

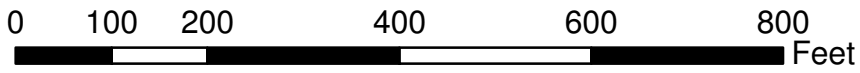
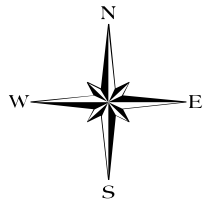


Carlstadt Borough



LEGEND

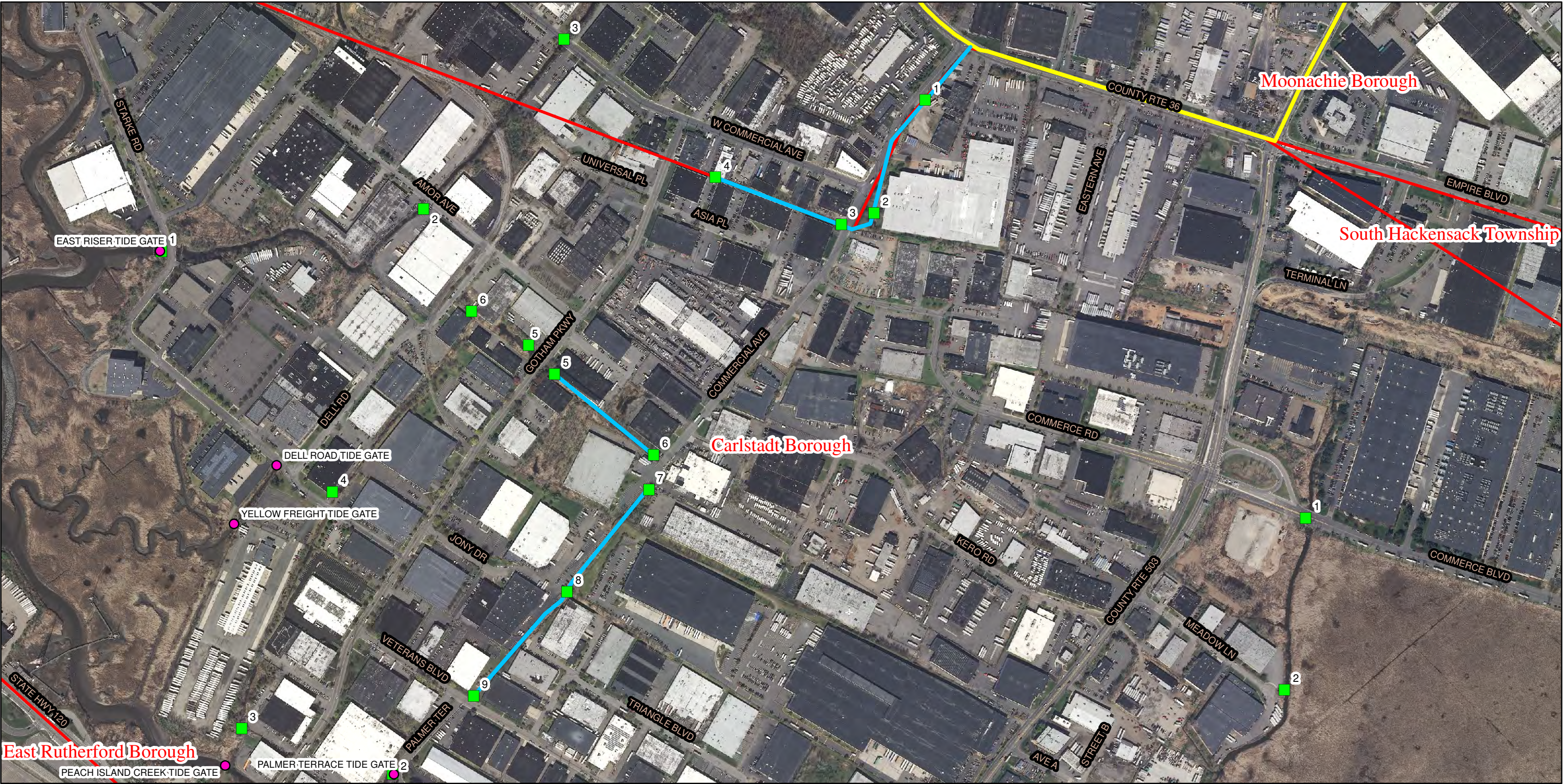
- Inspection Locations
- Flood Control Structures
- Acorn Road Ditch
- ▭ Municipal Boundary
- ▭ District Boundary








ACORN ROAD DITCH SYSTEM

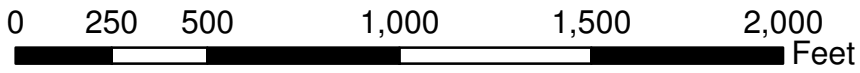
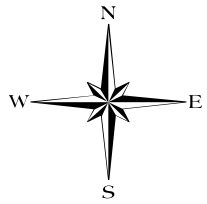
Map Prepared By:

NEW JERSEY
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Map Date - July 2016



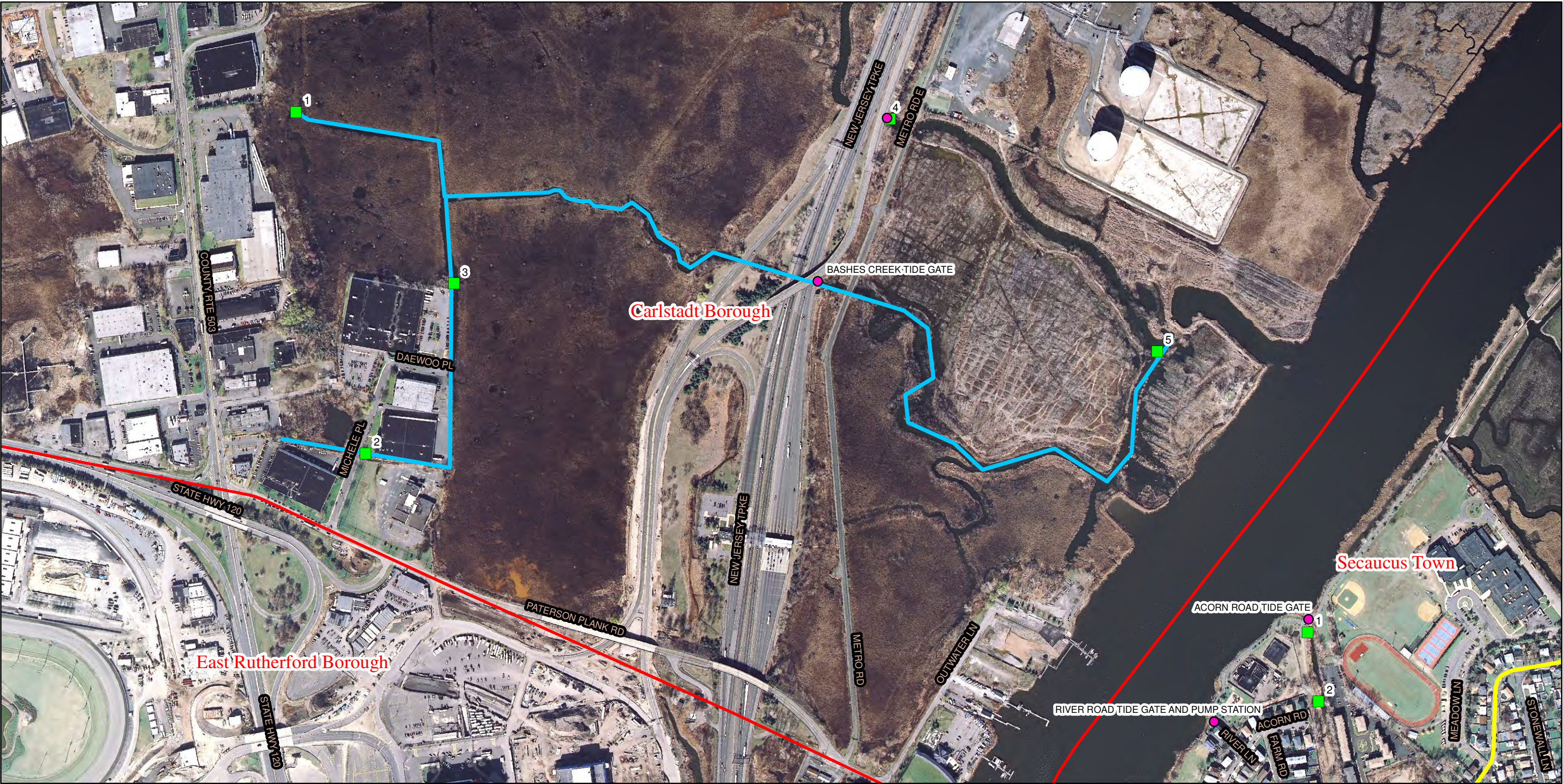
LEGEND

-  Inspection Locations
-  Flood Control Structures
-  Asia Place Ditch
-  Municipal Boundary
-  District Boundary








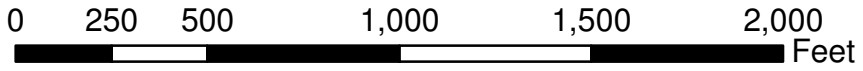
**ASIA PLACE
DITCH SYSTEM**

Map Prepared By:
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SPORTS & EXPOSITION AUTHORITY**
Map Date - July 2016



LEGEND

-  Flood Control Structures
-  Bashes Creek Ditch
-  Inspection Locations
-  Municipal Boundary
-  District Boundary








**BASHES CREEK
DITCH SYSTEM**

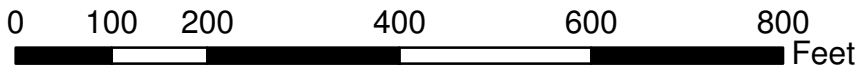
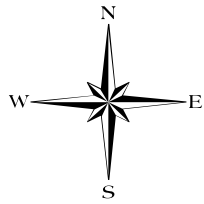
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LEGEND

-  Inspection Locations
-  Flood Control Structures
-  Belezza Ditch
-  Municipal Boundary
-  District Boundary








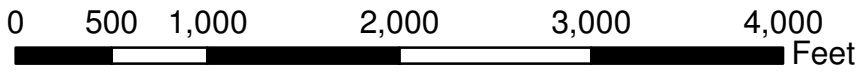
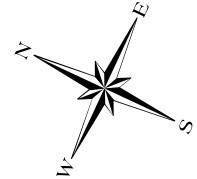
**BELEZZA
DITCH SYSTEM**

Map Prepared By:
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Map Date - July 2016



LEGEND

-  Inspection Locations
-  Flood Control Structures
-  Belleman's Creek Ditch
-  Municipal Boundary
-  District Boundary

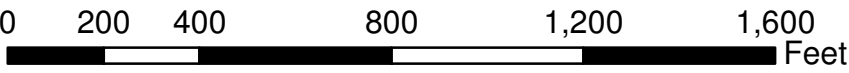
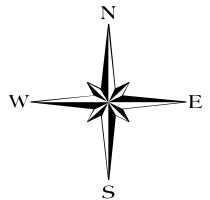


**BELLEMAN'S CREEK
DITCH SYSTEM**
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LEGEND

- Inspection Locations
- Flood Control Structures
- Belleville Turnpike/Kearny Marsh Ditch
- Municipal Boundary
- District Boundary

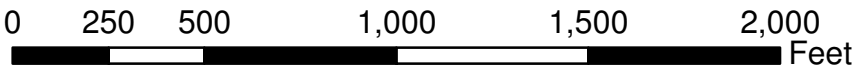
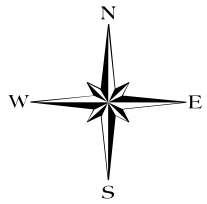


**BELLEVILLE TURNPIKE
& KEARNY MARSH
DITCH SYSTEM**
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LEGEND

- Inspection Locations
- Flood Control Structures
- Chubb Avenue/Wall St West/Polito Avenue Ditch
- ▭ Municipal Boundary
- ▭ District Boundary








**CHUBB AVENUE, WALL ST
WEST & POLITO AVENUE
DITCH SYSTEM**

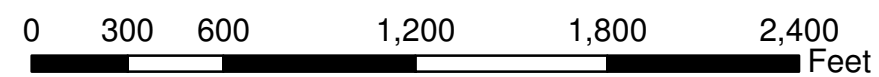
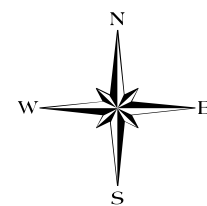
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LEGEND

-  Inspection Locations
-  Flood Control Structures
-  Cromakill Creek Ditch
-  Municipal Boundary
-  District Boundary








CROMAKILL CREEK DITCH SYSTEM

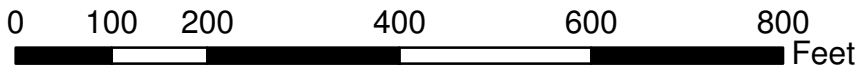
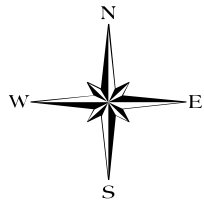
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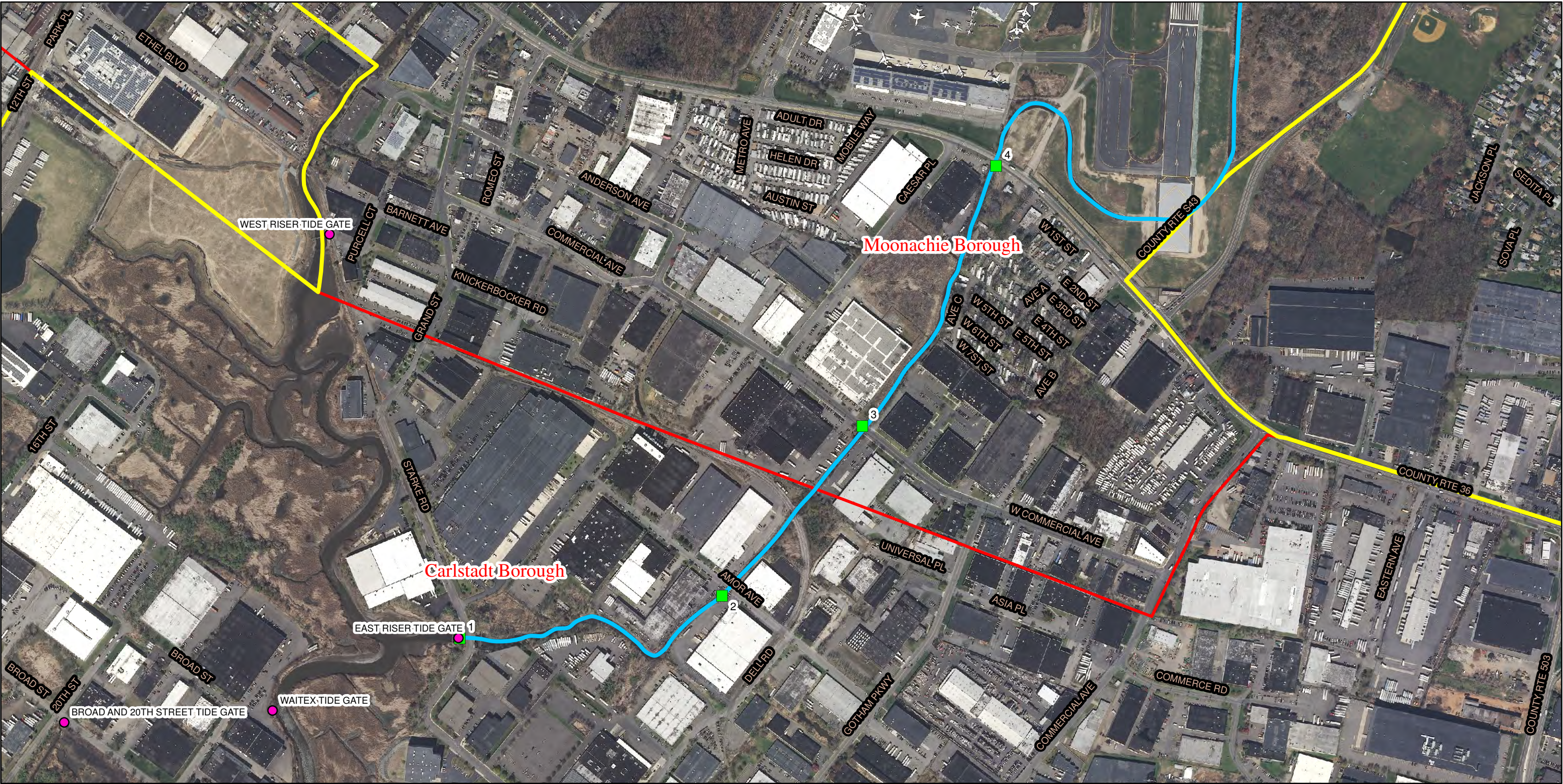
-  Inspection Locations
-  Flood Control Structures
-  DePeyster Creek Ditch
-  Municipal Boundary
-  District Boundary



**DEPEYSTER CREEK
DITCH SYSTEM**

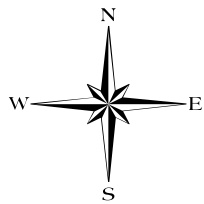
Map Prepared By:

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LEGEND

- Inspection Locations
- Flood Control Structures
- East Riser Ditch
- Municipal Boundary
- District Boundary



0 250 500 1,000 1,500 2,000 Feet






EAST RISER DITCH SYSTEM

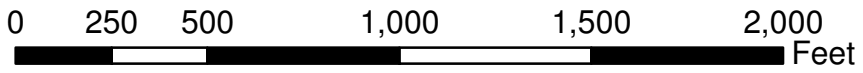
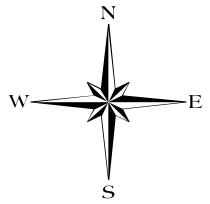
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LEGEND






-  Inspection Locations
-  Flood Control Structures
-  East Rutherford Ditch
-  Municipal Boundary
-  District Boundary

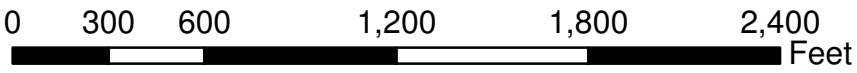
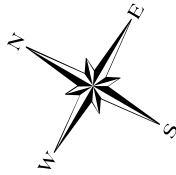


**EAST RUTHERFORD
DITCH SYSTEM**
Map Prepared By:
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Map Date - July 2016



LEGEND






-  Inspection Locations
-  Flood Control Structures
-  Moonachie Creek Ditch
-  Municipal Boundary
-  District Boundary

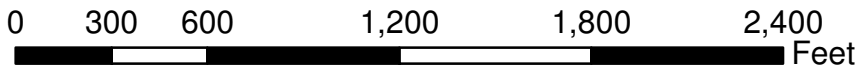
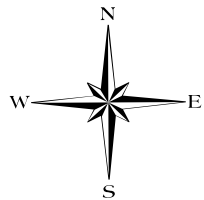


**MOONACHIE CREEK
DITCH SYSTEM**
Map Prepared By:
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LEGEND

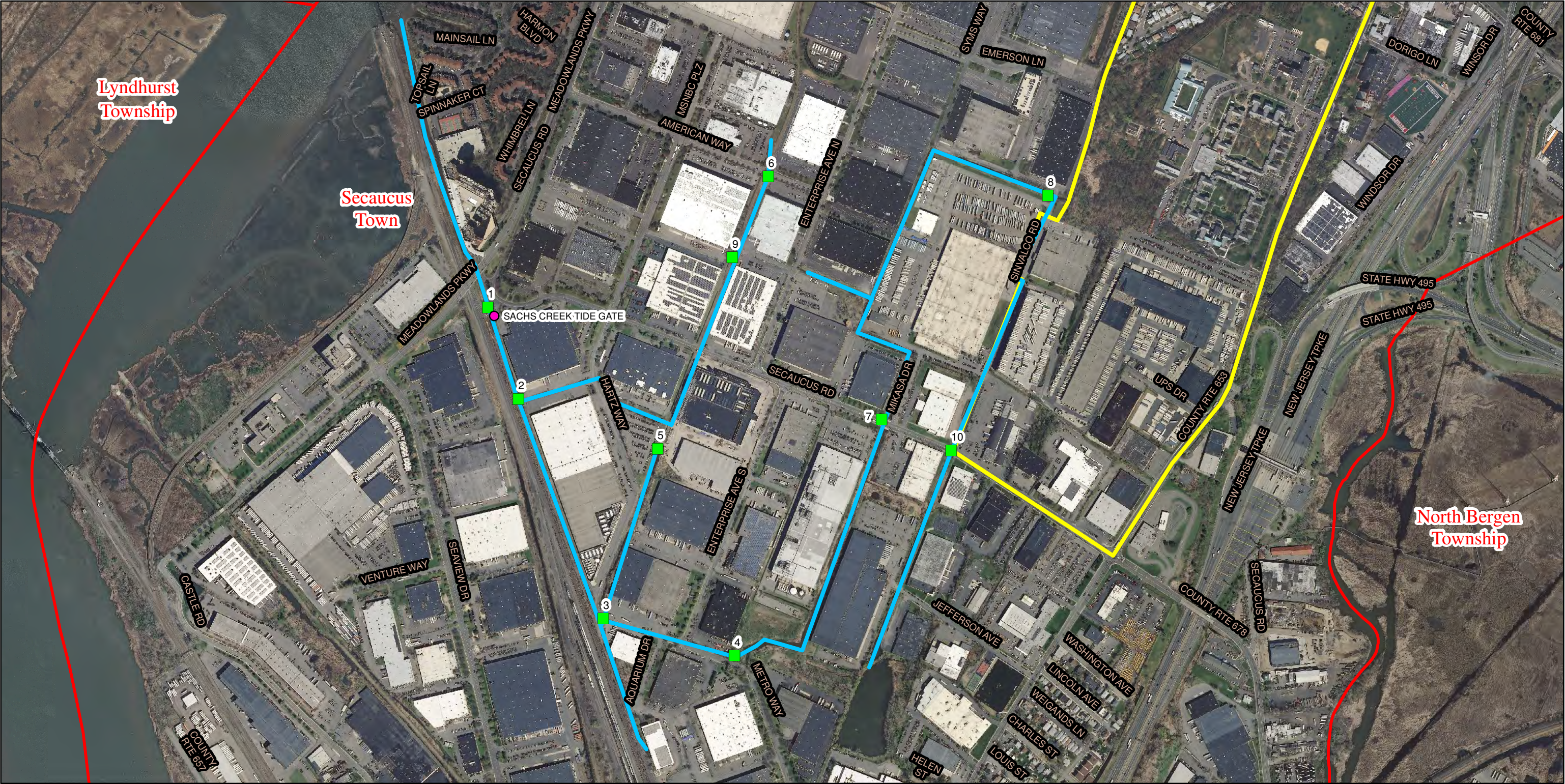
-  Inspection Locations
-  Flood Control Structures
-  Peach Island Creek Ditch
-  Municipal Boundary
-  District Boundary



**PEACH ISLAND CREEK
DITCH SYSTEM**

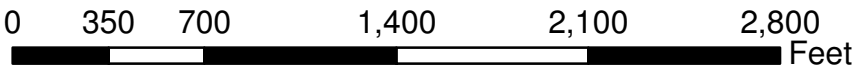
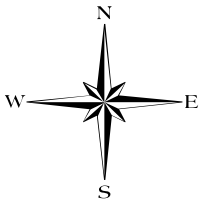
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Map Date - July 2016



LEGEND

- Inspection Locations
- Flood Control Structures
- Sack's Creek/Golden Avenue Ditch
- Municipal Boundary
- District Boundary



**SACK'S CREEK &
GOLDEN AVENUE
DITCH SYSTEM**

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