

MS4 Annual Report Form

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

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

Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Appendix

<u>Page</u>	<u>Item</u>
1	Ardsley Newsletter Articles
2 – 3	Literature and Item Distribution Log
4	News Article, Recycling Notice and BRWI Signs
5	Scout Clean up and Ardsley Cares Clean up
6	Enviroscape Program
7	Ardsley Day, Great Saw Mill River Clean up and Eco Car Wash
8 – 15	Outfall Inspection Sheets 3/2012 – 3/2013
16 – 28	Department of Public Works Log Sheets 3/2012 – 3/2013

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HIDDEN WATERS

Thank you to Ms. Zucchetto and Principal Holland for another successful Concord Road EnviroScape program. This current group of 4th graders learned all about how Non-point Source (NPS) Pollution gets into our water from washing over everywhere.

Introductory question is, "What are Ardsley's water bodies?", and the answer always takes a while. Of course, they are the Saw Mill River (SMR) and the Sprain Brook – both worth a visit. Best access for the SMR

is the center section of Macy Park. Sprain Brook can be observed on the east side of Pascone Park. Thanks go to Ardsley Highway for cleaning up the stream bank on the north end of the park. Go visit and enjoy the surprise of finding fish and turtles in these waters.

Most of us only think of these water bodies when they overflow. Now, under the County SW Management Law enacted in 2011, Ardsley is a member of two Basin-wide groups, SMR WAB and Bx River WAB (Watershed Advisory Board). Each of these will help the County to formulate a Reconnaissance Plan to address water quantity and quality issues. We need your help. Please gather photos and accounts about flooding and other river related matters, and kindly send this info to stormwater@ardsleyvillage.com.

Finally, thanks to AHS Environmental Science Club and advisor Dan Barnett for our 2nd Annual Eco Car Wash. See http://www.ardsleyvillage.com/stormwater_brwi.html for a glance at our entire SW project. Happy Spring & Clean Water! – Lorraine Kuhn

May 2012

Ardsley Village Newsletters

Appendix – page 1

STORMWATER UPDATE: "STORMWATER SOCIAL MEDIA!"

Village of Ardsley Stormwater Management is now on Facebook!

<http://www.facebook.com/pages/Village-of-Ardsley-Stormwater-Management/340082942735285>

Check out our "Hall of Fame Drains" photo album of pulled-up downspouts that drain to porous areas - less driveway grease running into our water bodies. Stop by and become a "Friend". Ardsley Day is coming up soon. We will reprise our popular biodegradable pet bio-baggie giveaway. Keep up the good work keeping that "poo" out of our water. It's fall and still a great time to do some gardening. You can plant tulip and daffodil bulbs all the way until December if the ground doesn't freeze. Just put them in the ground in a bunch and cover with soil and mulch. Maybe start a new bed and reduce your amount of high maintenance lawn area? Seeing these beautiful flowers pop up in the spring is so cheerful, and now you'll have a spot to start a perennial garden. Try some rudbeckia or echinacea flowers, when the tulips and daffodils are done. Perennial gardens are a perfect way to help reduce garden chemicals and water use. Thanks for taking good care of our waterways! – Lorraine Kuhn, Storm Water Assistant

September 2012

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Literature and Item Distribution Log (3/2012 to 3/2013)											
		Village	Library	Comm.	Eco Car	AHS Env	Enviro-	Great Saw	Ardsley	SD	Outfall
		Hall		Center	Wash	Sci Club	scape	Mill River	Day	Mapping	Testing
Item							Program	Cleanup		Team	Team
"Solution to Pollution" (EPA)		2	1	9							
"After the Storm" (EPA)				12							
"Grassroot Lawn Care" (Grassroots)		7		6							
"SW Regs Construc Industry" (DEC)		7									
"Growing Concern Invasives"(SWCD)								2			
"Backyard Composting (Cornell)		1	3								
"Step by Step" (LI Sound/EPA)				6							
"Water Eff Landscape" (EPA)				1							
"Life at Waters Edge" (DEC HREP)			6								
WAVE Vol. flyers (HREP)		6		8							
SW Posters (County Planning)									5		
"Clean Up Your Car Wash" (SMRC)					13						
LELENY.org handout		24							18		
"Water Quality" (United Water)		12									

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	Village	Library	Comm.	Eco Car	AHS Env	Enviro-	Great Saw	Ardsley	SD	Outfall
	Hall		Center	Wash	Sci Club	scape	Mill River	Day	Mapping	Testing
Item						Program	Cleanup		Team	Team
"Drains to SMR" sticker (SMRC)	18	2	10							
"H2OK" magnets (County Planning)								26		
"H2OK" bookmarks (County Planning)	2	51				147		6		
"H2OK" notepads (County Planning)	11	10						26		
"H2OK" stickers (County Planning)								45		
"H2OK" buttons (County Planning)								4		
Aquatic Restoration bookmarks (County)								1		
"Earth Day" clips (Ardsley SW)				16						
"SW Magnet" (Ardsley SW)								1		
"Pet Biobaggies" (County Planning)	12	12						48		
SW Reference Cards (Ardsley SW)				13	11		1	11		
Outfall Testing letter (Ardsley SW)										1
SD Mapping letter (Ardsley SW)									3	
"Village Sanitation Calendar" (Village of Ardsley)	1450									
"Village Newsletters" (Village of Ardsley)	2900									

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NYR20A316

State to supply high-priced pump to help curb flooding

By Eric Lohewitz

With the help of the New York State Department of Environmental Conservation (DEC), Ardsley is making progress on two flood-related projects.

On May 30, DEC representatives Steve Dong and John Harrington visited the village to discuss how a \$109,000 state investment aimed at flood control will be spent. The investment is part of Gov. Andrew Cuomo's NY Works agenda, aimed at revitalizing the state's economy.

During the meeting, Village Manager George Calvi, Highway Foreman Rick Thompson, and Deputy Foreman Patrick Lindsey discussed the purchase of a water pump with Dong and Harrington. When the money was first allocated, Calvi was told the State planned to buy a temporary pump for the village, much like the one it had in the late 1980s and early '90s.

But Calvi said the old pump was too heavy to transport back and forth from the DPW garage and was therefore left out in the elements when it was not being used. Additionally, Calvi and Lindsey witnessed the old pump in action during a storm in 1991, and both said the device failed to adequately pump water back over the wall and into the Saw Mill River.

"I suspect what they gave us 20 years ago was army or state surplus," Calvi said. "It worked miserably."

The old pump was connected to a hose that was difficult to position because it was thrown over the top of the wall with nothing to secure it. When the pump was turned on, the force of the water would often knock it off the wall. With the new plan, Lindsey said a hard pipe that reaches over the wall would be installed, and the new pump could be placed in any flooded area and then connected to the pipe with a hose.

The new pump will also be lighter, making it easier to bring it back and forth from the garage before or after a storm. Calvi said the DEC is now looking to draw down the money and hopes to spend it by the end of the summer.

While the DEC representatives were in Ardsley, they also looked at a sinkhole in Addyman Square. Calvi said the hole is about 1 1/2 feet wide and 2 feet long and is located on the village side of the floodwall.

"They believe it's because of an old bridge that is on the other side of the wall there," Lindsey said. "They have to decide what they want to do with that. We can't fix the hole in the Square until they fix that problem."

The U.S. Army Corps of Engineers did take a look at the hole last November, but Calvi, Thompson, and Lindsey were able to convince the DEC officials the issue needs further examination.

They agreed that significant repairs are necessary and they are going to speak with the Army Corps of Engineers on our behalf," Calvi said. "I had made several phone calls around the state and I was able to latch onto these individuals, and I was happy they saw things our way. I'm no engineer, by any stretch of the imagination, but both of those guys agreed that there is a problem down there that requires a second look."

The \$109,000 investment from the State is not allocated for repairs to the sinkhole, so Ardsley will need to secure funds from FEMA for this project. Dealing with the federal government is rarely an expeditious endeavor, but Calvi said the meeting with the state officials should help move the process along.

"Gaining the attention of the DEC was a step in the right direction because they have more influence than I ever could," he said. "They speak each other's language."



The Saw Mill River flows through a channel between Addyman Square and the Thruway.

Village of Ardsley

Mayor
PETER R. PORCINO

Trustees
GARY J. MALONE, Deputy Mayor
LARRY J. NARDECHIA, JR.
NICOLE MINORE
NANCY KABOOLIAN



507 Ashford Avenue
Ardsley, New York 10502
(914) 693-1550
Fax (914) 693-3708
www.ardsleyvillage.com

Village Manager
GEORGE F. CALVI

Village Treasurer
MARION DE MAIO

Village Clerk
BARBARA A. BERARDI

NOTICE TO ARDSLEY RESIDENTS REGARDING NEW SANITATION AND RECYCLING SCHEDULES

December 7, 2012

Dear Neighbors:

Effective January 1, the sanitation and recycling schedules are changing. Here is the new weekly schedule:

MONDAY: Regular garbage pick-up for the south side of the Village (no change from present routes and dates)

TUESDAY: Regular garbage pick-up for the rest of the Village (no change from present routes and dates)

WEDNESDAY: Paper recycling for the entire Village

THURSDAY: Commingled glass, metal and plastic recycling for the entire Village

FRIDAY: Extra garbage pick-up for the entire Village

Yes, you read that right: Paper recycling will now be scheduled every Wednesday and commingled glass, metal and plastic will be picked up every Thursday. Friday will be an extra garbage pick-up day for the entire Village.

Note that some weeks will see changes in pick-up owing to holidays, so check your sanitation calendar carefully this year. The sanitation schedules will be in your mailboxes in a couple of weeks. The sanitation schedules contain plenty of additional information about garbage pick-up, disposal of unusual items and recycling, and you should use this as your primary resource for information. We will also be circulating information from time to time with ideas on how to improve recycling rates. Our goal is to reduce the amount of garbage we are collecting and increase recycling. This saves the Village money, and there are added benefits to the health of our sanitation workers, not to mention the environmental benefits. Everyone needs to make sure that they are separating recyclables from garbage as commingling can lead to severe fines for the Village. While we will continue the Friday garbage collection, the first weekly pick-up should be your regular garbage pick-up day, and you should consider the Friday pick-up as a back-up day for unusual items or emergencies. As we monitor the changes, we will see if further adjustments to the schedule are needed.

Sincerely,
Peter R. Porcino, Mayor
George F. Calvi, Village Manager

Village Recycling Notice 12/2/2012

The Rivertowns Enterprise 6/8/2012

Stormwater Best Management at Pascone Park Restoration

BRONX RIVER WATERSHED INITIATIVE PROJECT #2008-0117-005 (formerly Ashford Park)

Consulting Engineers:
Christopher Tallent, PE & Larry Nardecchia, Jr., PE
Landscape Designer:
Bil Katori, ASLA

Project:
This project was funded by a grant from the Office of the New York State Attorney General. The grant is administered by the National Fish and Wildlife Foundation. Bronx River Watershed Initiative projects are aimed at restoring the Bronx River. This project improves the quality of the Bronx River (1), an important tributary of the Hudson River. Proper treatment of stormwater runoff is necessary to achieve this goal. This demonstration project highlights stormwater treatment techniques that can be incorporated in residential as well as commercial locations. Techniques include use of porous pavement, catch basin modification, sustainable landscaping practices, rain garden, rain barrel and stream bank restoration.



Porous Pavement:
Replacing impervious pavement with porous pavement allows stormwater to infiltrate into the ground, thus preventing runoff from carrying pollutants into waterways.

Porous asphalt driveway (3)
was installed as a ring within the existing driveway. There is a top layer of porous asphalt with no fine particles, over a layer of broken stone. Water carrying grease, oil and motor fluids infiltrates through this ring and is prevented from reaching the Sprain Brook. This driveway material is suitable for use in residential driveways and parking lots.

Flex-Pave walkway (4)
was installed as a path replacing impervious asphalt. There is a layer of Flex-Pave HD2000 over a layer of broken stone. Infiltration of water through the walkway is even more rapid than through the adjacent grass field. Flex-Pave is made from recycled tires, yielding the added benefit of reducing the stockpiles of used tires. Flex-Pave HD2000 can withstand light vehicle traffic (up to 6 mph), and resists freeze/thaw damage due to the rubber content which allows expansion and contraction. This material is suitable for residential driveways and walkways.

McCartney Insurance and Real Estate/Village Clerk's Office/American Legion Post #458:
In the 1800s, James McCartney was an inspector for the Croton Aqueduct, and also established the McCartney Agency. His son Arthur, pictured above left, offered use of the building to American Legion Post #458 in the 1930s. The building also served as the first Ardsley Village Clerk's Office. It was originally located at 477 Ashford Avenue in Addyman Square, Ardsley.

Eagle Scout Gold Award Gardens (2):
Installed by Scout Samir Rahman & Boy Scout Troop 3 & families

Eagle Scout Gardens (6)
Installed by Scout Samir Rahman & Boy Scout Troop 3 & families

Maple Circle Garden (3)
Sustainable Gardens: Native plants and shrubs species. Unlike lawn, sustainable gardens do not require pesticide, herbicide or fertilizer, thus reducing chemical pollutant load in runoff. The gardens also don't need frequent watering or mowing, conserving water and reducing organic pollutant load from grass clippings. Native plants and shrubs provide food and shelter for local species of birds, butterflies and other wildlife. Once native plants are established, gardens are hardy and low maintenance. A layer of surface mulch, as used in the project gardens, will help to control weeds until the plants are well established.

Sustainable Gardens:
Grass lawn areas have been replaced with sustainable gardens containing mainly native plant and shrub species. Unlike lawn, sustainable gardens do not require pesticide, herbicide or fertilizer, thus reducing chemical pollutant load in runoff. The gardens also don't need frequent watering or mowing, conserving water and reducing organic pollutant load from grass clippings. Native plants and shrubs provide food and shelter for local species of birds, butterflies and other wildlife. Once native plants are established, gardens are hardy and low maintenance. A layer of surface mulch, as used in the project gardens, will help to control weeds until the plants are well established.

Catch Basin Outlet (5)
Stormwater runoff, trash and vehicular fluids enter the catch basin through the grating cover. Some heavyweight debris falls to the bottom of the basin. The catch basin outlet has been modified by adding a right angle, downwards facing elbow. This elbow prevents direct entry of floating trash into the outlet pipe. Hydrocarbon vehicle fluid remains floating on the surface, and cleaner water is drawn from beneath this layer. This simple vent modification can be applied to any catch basin to improve runoff quality.

Catch Basin Outlet (5)
Stormwater runoff, trash and vehicular fluids enter the catch basin through the grating cover. Some heavyweight debris falls to the bottom of the basin. The catch basin outlet has been modified by adding a right angle, downwards facing elbow. This elbow prevents direct entry of floating trash into the outlet pipe. Hydrocarbon vehicle fluid remains floating on the surface, and cleaner water is drawn from beneath this layer. This simple vent modification can be applied to any catch basin to improve runoff quality.

Rain Barrel (6)
Gutter collect rainwater which goes to a first "spout" downspout and fills the rain barrel. Overflow line empties into the rain garden. Rain barrels for home use should be level and overflow must empty downhill at least 10 ft from foundation.

Bronx River Watershed Initiative Project Signage installed 3/29/2012

Stormwater Best Management at Pascone Park Restoration

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Consulting Engineers:
Christopher Tallent, PE & Larry Nardecchia, Jr., PE
Landscape Designer:
Bil Katori, ASLA



Eagle Scout Rain Garden (5)
Installed by Scout Samir Rahman & Boy Scout Troop 3 & families

Rain Garden:
The rain garden is a bowl-shaped garden filled with native perennial plants. Sheet flow from surrounding grass turf goes into the depression. Plants and soil act as water filters and cleanse water collected in the garden as it infiltrates into the ground. This rain garden is constructed on a 5% slope. It was excavated to a depth of 35", and backfilled with a 6" layer of gravel, followed by 18" of soil/compost mix topped with 3" of mulch. A 6" perforated underdrain pipe runs through the gravel layer. A berm was constructed on the downhill side using large stones found on site. Planting level is 6" below grade to allow sufficient water collection.

Eagle Scout Stream Bank Restoration (4)
Installed by Scout Samir Rahman & Boy Scout Troop 3 & families plant specimens provided by NYSDDEC "Trees for Tires" Program

Original condition of site - overgrown with invasive plants

After removal of invasive vegetation

After planting, mulching and placement of weed mats

Native plants establishing, invasive plants controlled

Stream Bank Rip Rap Installation (2)
Outlet pipes deliver stormwater runoff directly to waterholes. It was desirable to prevent runoff from the pipe to prevent soil erosion on the stream bank. A pathway of rip rap stones, 4" to 12" size, was placed leading from the outlet pipe in the stream bank. The pathway is 30 ft long and 4 ft wide. It is angled back and forth, rather than leading straight down, in order to further slow the flow. At the terminus, it runs parallel to the stream for a few feet to result in some final attenuation. Rip rap is an effective material to use for attenuation of any runoff. For example, if home down spouts are disconnected, a path of rip rap may be added to prevent erosion at outlet.

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Scout Clean up 4/22/2012



Ardsley Cares Clean up 10/27/2012

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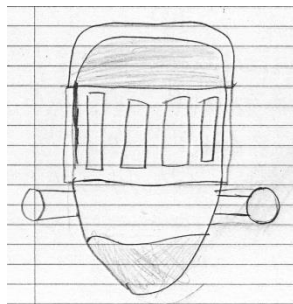
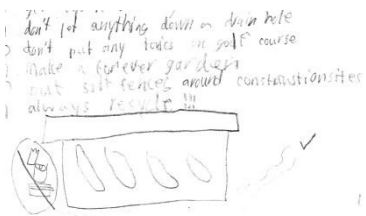
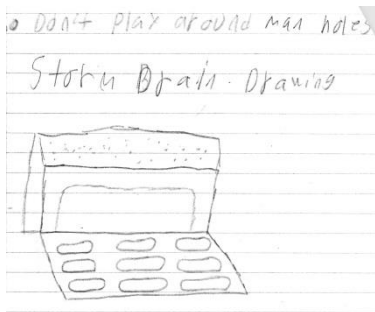
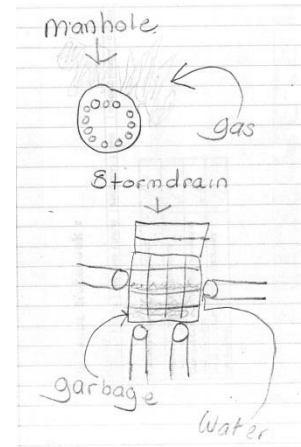
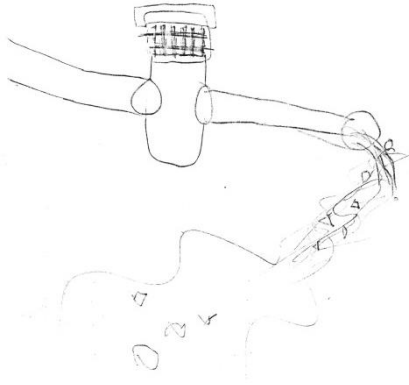
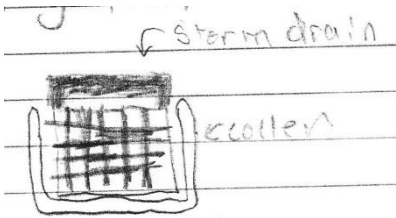
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- ① rainbow on driveway after rain is oil on top of water
 - ② have to keep different pipes so water can be clean
 - ③ can help by turning off water while brushing your teeth
 - ④ stay away from open manholes
 - ⑤ 97% of water is salt water
 - ⑥ 2% is frozen water
 - ⑦ 0.1% is fresh water
 - ⑧ 0.9% is ground water
 - ⑨ rain carries trash into storm drains
 - ⑩ don't put anything (trash, rocks, etc.) in storm drains
 - ⑪ can use less water by installing a forever garden
 - ⑫ put less fertilizer on lawn
-



Concord Road Elementary School 4th Grade Science Class
Enviroscape Program 2012

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**Ardsley Day
2012**



**Great Saw Mill River
Clean up 2012**



Ardsley Environmental Science Club Eco Car Wash 2012

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OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Spout Brook Outfall ID: OF 183
 Today's date: 3/12/2012 Time (Military): 2:50 PM
 Investigator: Chad A. Kuhn Form completed by: J. Kuhn
 Temperature (°F): 41.9 Rainfall (in.): 0.1 Last 24 hours: 0.1 Last 48 hours: 0.1
 Latitude: 41°00' 14" Longitude: 73°51' 16" GPS Unit: Servicetrek GPS LMK #:
 Camera: Nikon Coolpix Photo #:
 Land Use in Drainage Area (Check all that apply):
☐ Industrial ☐ Open Space
☐ Ultra-Urban Residential ☐ Institutional
☒ Suburban Residential ☐ Other: AMS, Pascone Park
☐ Commercial ☐ Known Industries: Snack Bar
 Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Box <input type="checkbox"/> Other: <u>ductile iron</u>	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: <u></u>	Diameter/Dimensions: <u>18"</u>	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: <u></u>	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: <u></u>	Depth: <u></u> Top Width: <u></u> Bottom Width: <u></u>	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>If No, Skip to Section 5 (water not flowing)</u>			
Flow Description (if present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Substantial <u>N/A</u>			

Section 3: Quantitative Characterization

PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume	Liter	Bottle
	Time to fill	Sec	
<input type="checkbox"/> Flow #2	Flow depth	in	Tape measure
	Flow width	ft, in	Tape measure
	Measured length	ft, in	Tape measure
	Time of travel	S	Stop watch
	Temperature	°F	Thermometer
	pH	pH Units	Test strip/Probe
	Ammonia	mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
 Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No (If No, Skip to Section 5) (standing water)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/> NO	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/rot <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other: <u></u>	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: <u></u>	<input type="checkbox"/> 1 - Faint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/> N/A	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables - Does Not Include Trash!	<input type="checkbox"/> NO	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Sods <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other: <u></u>	<input type="checkbox"/> 1 - Few/light; origin not obvious <input type="checkbox"/> 2 - Some, indications of origin (e.g., possible soda or oil sheen) <input type="checkbox"/> 3 - Some, origin clear (e.g., obvious oil sheen, soda, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
 Are physical indicators that are not related to flow present? ☐ Yes ☒ No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/> NO	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	
Deposits/Stains	<input type="checkbox"/>	<input type="checkbox"/> Only <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other: <u></u>	<u>orange stain</u>
Abnormal Vegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	<u>heavy invasive growth</u>
Poor pool quality	<input checked="" type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Sods <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other: <u></u>	
Pipe benthic growth	<input checked="" type="checkbox"/>	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: <u></u>	<u>yellowish-brown crustaceans</u>

Section 6: Overall Outfall Characterization
☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

- Sample for the lab? ☐ Yes ☒ No
- If yes, collected from: ☐ Flow ☐ Pool ☐ Other
- Intermittent flow trap set? ☐ Yes ☒ No If Yes, type: ☐ ORM ☐ Caulk dam

Section 8: Any Non-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? ☒ NO



OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed: Saw Mill River Outfall ID: A26 (OF 07)
 Today's date: 5/17/2012 Time (Military): 2:30
 Investigator: Chad A. Kuhn Form completed by: J. Kuhn
 Temperature (°F): 62.5 Rainfall (in.): 0.0 Last 24 hours: 0.0 Last 48 hours: 0.0
 Latitude: 41°00' 14" Longitude: 73°51' 16" GPS Unit: Servicetrek GPS LMK #: N/A
 Camera: Nikon Coolpix Photo #: N/A
 Land Use in Drainage Area (Check all that apply):
☐ Industrial ☐ Open Space
☐ Ultra-Urban Residential ☐ Institutional
☐ Suburban Residential ☐ Other: Restaurant, Barbering, Auto body
☐ Commercial ☐ Known Industries: Medical Building
 Notes (e.g., origin of outfall, if known): Bramble Brook

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input checked="" type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> Steel <input type="checkbox"/> Box <input type="checkbox"/> Other: <u></u>	<input checked="" type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Triple <input type="checkbox"/> Other: <u></u>	Diameter/Dimensions: <u>53"</u>	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: <u></u>	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: <u></u>	Depth: <u></u> Top Width: <u></u> Bottom Width: <u></u>	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <u>If No, Skip to Section 5</u>			
Flow Description (if present)	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume	Liter	Bottle
	Time to fill	Sec	
<input type="checkbox"/> Flow #2	Flow depth	in	Tape measure
	Flow width	ft, in	Tape measure
	Measured length	ft, in	Tape measure
	Time of travel	S	Stop watch
	Temperature	°F	Thermometer
	pH	pH Units	Test strip/Probe
	Ammonia	mg/L	Test strip

Ave rate = 99.56 gal/min

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
 Are Any Physical Indicators Present in the flow? ☐ Yes ☒ No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/> NO	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/rot <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other: <u></u>	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input checked="" type="checkbox"/>	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: <u></u>	<input type="checkbox"/> 1 - Faint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/> NO	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables - Does Not Include Trash!	<input checked="" type="checkbox"/>	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Sods <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other: <u>garbage</u>	<input type="checkbox"/> 1 - Few/light; origin not obvious <input type="checkbox"/> 2 - Some, indications of origin (e.g., possible soda or oil sheen) <input type="checkbox"/> 3 - Some, origin clear (e.g., obvious oil sheen, soda, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
 Are physical indicators that are not related to flow present? ☐ Yes ☒ No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/> NO	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Corrosion <input type="checkbox"/> Peeling Paint	
Deposits/Stains	<input checked="" type="checkbox"/>	<input type="checkbox"/> Only <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other: <u>rust</u>	
Abnormal Vegetation	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Excessive <input type="checkbox"/> Inhibited	<u>some invasive</u>
Poor pool quality	<input checked="" type="checkbox"/>	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Sods <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other: <u></u>	<u>garbage</u>
Pipe benthic growth	<input type="checkbox"/> NO	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: <u></u>	

Section 6: Overall Outfall Characterization
☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

- Sample for the lab? ☐ Yes ☒ No
- If yes, collected from: N/A ☐ Flow ☐ Pool ☐ Other
- Intermittent flow trap set? ☒ Yes ☐ No If Yes, type: ☐ ORM ☐ Caulk dam

Section 8: Any Non-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? ☒ NO



MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

OUTFALL RECONNAISSANCE INVENTORY/SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Submitted: SPDES Book Outfall ID: A244
 Today's date: 6/14/2012 Time (Military): 2:10 PM
 Investigators: Cheng, KUN Form completed by: Cheng, KUN
 Temperature (°F): 76 Rainfall (in.): Last 24 hours: 0.49 Last 48 hours: 1.18
 Latitude: 41°00.25' Longitude: 73°50.14' GPS Unit: _____ GPS LMK #: _____
 Camera: _____ Photo file: _____
 Land Use in Drainage Area (Check all that apply):
☐ Industrial ☐ Open Space
☐ Ultra-Urban Residential ☐ Institutional Construction site
☐ Suburban Residential Landscape Nursery
☐ Commercial Greenery DPW
 Notes (e.g., origin of outfall, if known): Ardsley Ave

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>18"</u>	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Parthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If No, Skip to Section 3)			
Flow Description (if present):	<input type="checkbox"/> Trickle <input type="checkbox"/> Moderate <input checked="" type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

PARAMETER	RESULT	UNIT	EQUIPMENT
<input checked="" type="checkbox"/> Flow #1	Volume: <u>50</u>	<u>500</u> (30)	Bottle
	Time to fill: <u>1.5</u>	min	
	Flow depth: <u>1.5</u>	in	Tape measure
	Flow width: <u>1.5</u>	ft	Tape measure
	Measured length: <u>1.5</u>	ft	Tape measure
	Time of travel: <u>1.5</u>	s	Stop watch
Temperature	<u>58</u>	°F	Thermometer
pH	<u>7.0</u>	pH Units	Test strip/Probe
Ammonia	<u>0</u>	mg/L	Test strip

Ave rate = 3.9 gal/min

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
 Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No (If No, Skip to Section 5)

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/> NO	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/low <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Faint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/> NO	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables (Does Not Include Trash!)	<input type="checkbox"/> NO	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Sods <input type="checkbox"/> Petroleum (oil slicks) <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Few/light, origin not obvious <input type="checkbox"/> 2 - Some indications of origin (e.g., possible acids or oil slicks) <input type="checkbox"/> 3 - Some origin clear (e.g., obvious oil slicks, mats, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
 Are physical indicators that are not related to flow present? ☐ Yes ☒ No (If No, Skip to Section 6)

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/> NO	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> Only <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other: _____	<u>rust, sludge</u>
Abnormal Vegetation	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhabited	<u>moss</u>
Poor pool quality	<input type="checkbox"/> NO	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Slicks <input type="checkbox"/> Sods <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other: _____	
Pipe boric growth	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: _____	<u>slight moss</u>

Section 6: Overall Outfall Characterization
☒ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No
 2. If yes, collected from: ☐ Flow ☐ Pool N/A
 3. Intermittent flow trap set? ☒ Yes ☐ No If Yes, type: ☐ OBM ☐ Calk dam 2:34 PM

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? No



OUTFALL RECONNAISSANCE INVENTORY/SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Submitted: Saw Mill River Outfall ID: A230
 Today's date: 9/7/2012 Time (Military): 12:29 PM
 Investigators: KUN Form completed by: KUN
 Temperature (°F): 76 Rainfall (in.): Last 24 hours: 0.01 Last 48 hours: 0.01
 Latitude: 41°00.25' Longitude: 73°50.14' GPS Unit: _____ GPS LMK #: _____
 Camera: NK2000 Photo file: _____
 Land Use in Drainage Area (Check all that apply):
☐ Industrial ☐ Open Space
☐ Ultra-Urban Residential ☐ Institutional Ardsley Public Library
☐ Suburban Residential Ardsley Public Library
☐ Commercial Ardsley Public Library
 Notes (e.g., origin of outfall, if known): Park Avenue

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Double <input type="checkbox"/> Box <input type="checkbox"/> Triple <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>48"</u>	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Parthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoid <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	
<input type="checkbox"/> In-Stream	(applicable when collecting samples)			
Flow Present?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (If No, Skip to Section 3)			
Flow Description (if present):	<input type="checkbox"/> Trickle <input checked="" type="checkbox"/> Moderate <input type="checkbox"/> Substantial			

Section 3: Quantitative Characterization

PARAMETER	RESULT	UNIT	EQUIPMENT
<input type="checkbox"/> Flow #1	Volume: <u>0.5</u>	min	Bottle
	Time to fill: <u>0.5</u>	min	
	Flow depth: <u>1.5</u>	in	Tape measure
	Flow width: <u>8"</u>	ft	Tape measure
	Measured length: <u>2"</u>	ft	Tape measure
	Time of travel: <u>1.5</u>	s	Stop watch
Temperature	<u>68</u>	°F	Thermometer
pH	<u>7.2</u>	pH Units	Test strip/Probe
Ammonia	<u>0</u>	mg/L	Test strip

Ave rate = 31.22 gal/min

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
 Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No (If No, Skip to Section 5)

INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input type="checkbox"/> NO	<input type="checkbox"/> Sewage <input type="checkbox"/> Rancid/low <input type="checkbox"/> Petroleum/gas <input type="checkbox"/> Sulfide <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Faint <input type="checkbox"/> 2 - Easily detected <input type="checkbox"/> 3 - Noticeable from a distance
Color	<input type="checkbox"/> NO	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: _____	<input type="checkbox"/> 1 - Faint colors in sample bottle <input type="checkbox"/> 2 - Clearly visible in sample bottle <input type="checkbox"/> 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/> NO	See severity	<input type="checkbox"/> 1 - Slight cloudiness <input type="checkbox"/> 2 - Cloudy <input type="checkbox"/> 3 - Opaque
Floatables (Does Not Include Trash!)	<input type="checkbox"/> NO	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Sods <input type="checkbox"/> Petroleum (oil slicks) <input type="checkbox"/> Other: <u>plastic bags</u>	<input type="checkbox"/> 1 - Few/light, origin not obvious <input type="checkbox"/> 2 - Some indications of origin (e.g., possible acids or oil slicks) <input type="checkbox"/> 3 - Some origin clear (e.g., obvious oil slicks, mats, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls
 Are physical indicators that are not related to flow present? ☐ Yes ☒ No (If No, Skip to Section 6)

INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/> NO	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint <input type="checkbox"/> Corrosion	
Deposits/Stains	<input checked="" type="checkbox"/> NO	<input type="checkbox"/> Only <input type="checkbox"/> Flow Line <input type="checkbox"/> Paint <input type="checkbox"/> Other: _____	
Abnormal Vegetation	<input type="checkbox"/> NO	<input type="checkbox"/> Excessive <input type="checkbox"/> Inhabited	
Poor pool quality	<input type="checkbox"/> NO	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Slicks <input type="checkbox"/> Sods <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Other: _____	
Pipe boric growth	<input type="checkbox"/> NO	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: _____	

Section 6: Overall Outfall Characterization
☐ Unlikely ☐ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No
 2. If yes, collected from: ☐ Flow ☐ Pool N/A
 3. Intermittent flow trap set? ☒ Yes ☐ No If Yes, type: ☐ OBM ☐ Calk dam 12:55 PM

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? NO



MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

SPDES ID

N Y R 2 0 A 3 1 6

Name of MS4/Coalition Village of Ardsley

OUTFALL RECONNAISSANCE INVENTORY/SAMPLE COLLECTION FIELD SHEET

Outfall Reconnaissance Inventory Field Sheet

Section 1: Background Data

Subwatershed: Sprain Brook Outfall ID: A240
 Today's date: 9/11/2012 Time (Military): 2:20 PM
 Investigators: Kuhn Form completed by: Kuhn
 Temperature (°F): 69° Rainfall (in.): Last 24 hours: 0" Last 48 hours: 0"
 Latitude: 41 01 18 Longitude: 73 49 973 GPS Unit: Garmin etrex GPS LMK #:
 Camera: Nikon Coolpix Photo #:
 Land Use in Drainage Area (Check all that apply):
☐ Industrial ☐ Open Space
☐ Ultra-Urban Residential ☒ Institutional
☒ Suburban Residential Other: AHS
☐ Commercial Known Industries: Geese gathered on adjacent property
 Notes (e.g., origin of outfall, if known): Dellwood Lane

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> ACP <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Trapezoidal <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>24"</u> Depth: _____ Top Width: _____ Bottom Width: _____	In Water: <input checked="" type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoidal <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	

☐ In-stream (applicable when collecting samples)
 Flow Present? ☒ Yes ☐ No (If No, Skip to Section 3)
 Flow Description (if present): ☒ Trickle ☐ Moderate ☐ Substantial

Section 3: Quantitative Characterization

WEST SIDE 43 NO FLOW, ORANGE DEPOSITS

PARAMETER	RESULT	UNIT	EQUIPMENT
Flow #1	Volume: <u>200</u> Time to fill: <u>3.00</u> Flow depth: <u>2.81</u> Flow width: <u>2.99</u> Measured length: <u>3.34</u> Time of travel: <u>2.66</u>	Liter Sec In In In Sec	Bottle Tape measure
Flow #2	Temperature: <u>68°</u> pH: <u>6.6</u> Ammonia: <u>0.5 (Geese)</u>	°F pH Units mg/L	Thermometer Test strip/Probe Test strip

Ave rate = 0.90 gal/min

Section 4: Physical Indicators for Flowing Outfalls Only

Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No (If No, Skip to Section 5)

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input checked="" type="checkbox"/> Sewage <input type="checkbox"/> Sulfide <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Other: _____	Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: _____		1 - Faint colors in sample bottle 2 - Clearly visible in sample bottle 3 - Clearly visible in outfall flow
Turbidity	<input checked="" type="checkbox"/> No <input type="checkbox"/> See severity		1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables (Does Not Include Trash)	<input checked="" type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other: _____		1 - Few/light, origin not obvious 2 - Some, indications of origin (e.g., possible suds or oil sheen) 3 - Some, origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Section 5: Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☒ Yes ☐ No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint		
Deposits/Stains	<input checked="" type="checkbox"/> Only <input type="checkbox"/> Flow Lane <input type="checkbox"/> Other: _____		Orange deposits (East pipe)
Abnormal Vegetation	<input type="checkbox"/> Excessive yes <input type="checkbox"/> Inhabited		
Poor pool quality	<input checked="" type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Other: _____		
Pipe bedrock growth	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: _____		

Section 6: Overall Outfall Characterization

☐ Unlikely ☒ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious Geese!

Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No
 2. If yes, collected from: ☐ Flow ☐ Pool
 3. Intermittent flow trap set? ☒ Yes ☐ No If Yes, type: ☒ OBM ☐ Caulk dam 3:05 PM
collected 9/13/2012 3PM
WET = Neg
DRY = Neg 9/20/2012

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?



Subwatershed: Sprain Brook Outfall ID: A240
 Today's date: 9/20/2012 Time (Military): 5:30 PM
 Investigators: Kuhn Form completed by: Kuhn
 Temperature (°F): 67 Rainfall (in.): Last 24 hours: 0" Last 48 hours: 0"
 Latitude: 41 00 383 Longitude: 73 50 099 GPS Unit: Garmin etrex GPS LMK #:
 Camera: Samsung Galaxy Note Photo #:
 Land Use in Drainage Area (Check all that apply):
☐ Industrial ☐ Open Space
☐ Ultra-Urban Residential ☒ Institutional
☒ Suburban Residential Other: OLPH School
☐ Commercial Known Industries: _____
 Notes (e.g., origin of outfall, if known): Madwood storm drain

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
<input checked="" type="checkbox"/> Closed Pipe	<input checked="" type="checkbox"/> RCP <input type="checkbox"/> CMP <input type="checkbox"/> HDPE <input type="checkbox"/> PVC <input type="checkbox"/> Steel <input type="checkbox"/> Other: _____	<input type="checkbox"/> Circular <input type="checkbox"/> Elliptical <input type="checkbox"/> Box <input type="checkbox"/> Trapezoidal <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Diameter/Dimensions: <u>18"</u> Depth: _____ Top Width: _____ Bottom Width: _____	In Water: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully With Sediment: <input type="checkbox"/> No <input type="checkbox"/> Partially <input type="checkbox"/> Fully
<input type="checkbox"/> Open drainage	<input type="checkbox"/> Concrete <input type="checkbox"/> Earthen <input type="checkbox"/> rip-rap <input type="checkbox"/> Other: _____	<input type="checkbox"/> Trapezoidal <input type="checkbox"/> Parabolic <input type="checkbox"/> Other: _____	Depth: _____ Top Width: _____ Bottom Width: _____	

☐ In-stream (applicable when collecting samples)
 Flow Present? ☒ Yes ☐ No (wet no flow, storm drain dry) If No, Skip
 Flow Description (if present): ☐ Trickle ☐ Moderate ☒ Substantial

Section 3: Quantitative Characterization

PARAMETER	RESULT	UNIT	EQUIPMENT
Flow #1	Volume: _____ Time to fill: _____ Flow depth: _____ Flow width: _____ Measured length: _____ Time of travel: _____	Liter Sec In In In Sec	Bottle Tape measure
Flow #2	Temperature: _____ pH: _____ Ammonia: _____	°F pH Units mg/L	Thermometer Test strip/Probe Test strip

Ave rate = _____

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow? ☒ Yes ☐ No

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	<input checked="" type="checkbox"/> Sewage <input type="checkbox"/> Sulfide <input type="checkbox"/> Rancid/sour <input type="checkbox"/> Other: _____	Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	<input type="checkbox"/> Clear <input type="checkbox"/> Brown <input type="checkbox"/> Gray <input type="checkbox"/> Yellow <input type="checkbox"/> Green <input type="checkbox"/> Orange <input type="checkbox"/> Red <input type="checkbox"/> Other: _____		1 - Faint colors in sample bottle 2 - Clearly visible in sample bottle 3 - Clearly visible in outfall flow
Turbidity	<input type="checkbox"/> No <input type="checkbox"/> See severity		1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables (Does Not Include Trash)	<input type="checkbox"/> Sewage (Toilet Paper, etc.) <input type="checkbox"/> Suds <input type="checkbox"/> Petroleum (oil sheen) <input type="checkbox"/> Other: _____		1 - Few/light, origin not obvious 2 - Some, indications of origin (e.g., possible suds or oil sheen) 3 - Some, origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? ☒ Yes ☐ No (If No, Skip to Section 6)

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	<input type="checkbox"/> Spalling, Cracking or Chipping <input type="checkbox"/> Peeling Paint		
Deposits/Stains	<input type="checkbox"/> Only <input type="checkbox"/> Flow Lane <input type="checkbox"/> Other: _____		
Abnormal Vegetation	<input type="checkbox"/> Excessive yes <input type="checkbox"/> Inhabited		
Poor pool quality	<input type="checkbox"/> Odors <input type="checkbox"/> Colors <input type="checkbox"/> Excessive Algae <input type="checkbox"/> Floatables <input type="checkbox"/> Oil Sheen <input type="checkbox"/> Other: _____		
Pipe bedrock growth	<input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Green <input type="checkbox"/> Other: _____		

Overall Outfall Characterization

Unlikely ☒ Potential (presence of two or more indicators) ☐ Suspect (one or more indicators with a severity of 3) ☐ Obvious

Section 7: Data Collection

1. Sample for the lab? ☐ Yes ☒ No
 2. If yes, collected from: ☐ Flow ☐ Pool
 3. Intermittent flow trap set? ☐ Yes ☒ No If Yes, type: ☐ OBM ☐ Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

remove vines



MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

Subwatershed: Saw Mill River		Outfall ID: A23	
Today's date: 10/22/2012		Time (Military):	
Investigator: Cheung, Kuhn		Form completed by:	
Temperature (°F): 51°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"	
Latitude: 41 00 618	Longitude: 73 50 974	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	
Land Use in Drainage Area (Check all that apply):		Open Space	
Industrial		Institutional	
Ultra-Urban Residential		Other: _____	
Suburban Residential		Known Industries: Auto Body Shop	
x Commercial		Other: _____	
Notes (e.g., origin of outfall, if known): Route 9A			

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
x Closed Pipe	RCP CMP	x Circular	x Single	In Water: x No Partially Fully
	PVC	Elliptical	Double	
	HDPE	Box	Triple	
	Steel	Other: _____	Other: _____	With Sediment: x No Partially Fully
	Other: _____			
Open drainage	Concrete	Trapezoid	Depth: _____	
	Earthen	Parabolic	Top Width: _____	
	rip-rap	Other: _____	Bottom Width: _____	
	Other: _____			
In-Stream (applicable when collecting samples)				
Flow Present? Yes x No If No, Skip to Section 5				
Flow Description (If present): Trickle Moderate Substantial				

FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	
Flow #1	Volume	Liter	
	Time to fill	Sec	
Flow #2	Flow depth	In	
	Flow width	Ft. In	
Measured length		Ft. In	Tape measure
Time of travel		S	Stop watch
Temperature	°F		
pH	pH Units		
Ammonia	mg/L		

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	no	Sewage Rancid/sour Sulfide Other: Petroleum/gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	no	Clear Brown Gray Yellow Green Orange Red Other: _____	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	no	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables - Does Not Include Trash!!	no but still has pipe cap inside	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Other: _____	1 - Few/slight, origin not obvious	2 - Some, indications of origin (e.g., possible suds or oil sheen)	3 - Some, origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	no	Spalling, Cracking or Chipping Corrosion Peeling	
Deposits/Stains	no	Only Flow Line Paint Other: _____	
Abnormal Vegetation	no	Excessive Inhabited	
Poor pool quality	no	Odors Colors Floatables Oil Sheen Sulfide Excessive Algae Other: _____	
Pipe benthic growth	no	Brown Orange Green Other: _____	

Overall Outfall Characterization

x Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	Yes	x No
2. If yes, collected from:	Flow	Pool
3. Intermittent flow trap set?	Yes	x No
	If Yes, type: OBM	Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash)



Subwatershed: Saw Mill River		Outfall ID: A237	
Today's date: 11/12/2012		Time (Military): 11:43AM	
Investigator: Cheung, Kuhn		Form completed by: _____	
Temperature (°F): 49°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"	
Latitude: 41 00 477	Longitude: 73 51 167	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	
Land Use in Drainage Area (Check all that apply):		Open Space	
Industrial		Institutional	
Ultra-Urban Residential		Other: Office building, gas station, motel	
Suburban Residential		Known Industries: _____	
x Commercial		Other: _____	
Notes (e.g., origin of outfall, if known): NYS Thruway			

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
x Closed Pipe	x RCP CMP	x Circular	x Single	In Water: No Partially Fully
	PVC	Elliptical	Double	
	HDPE	Box	Triple	
	Steel	Other: _____	Other: _____	With Sediment: x No Partially Fully
	Other: _____			
Open drainage	Concrete	Trapezoid	Depth: _____	
	Earthen	Parabolic	Top Width: _____	
	rip-rap	Other: _____	Bottom Width: _____	
	Other: _____			
In-Stream (applicable when collecting samples)				
Flow Present? Yes x No If No, Skip to Section 5				
Flow Description (If present): Trickle x Moderate Substantial				

FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	
Flow #1	Volume	Liter	
	Time to fill	Sec	
Flow #2	Flow depth	In	
	Flow width	Ft. In	
Measured length		Ft. In	
Time of travel	4:50.3, 66, 3:59.4, 66, 4:53.4, 19, 4:81	S	
Ave flow rate = 23.32 gal/min			
Temperature	54	°F	
pH	7.6	pH Units	
Ammonia	0	mg/L	

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK IF Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	no	Sewage Rancid/sour Sulfide Other: Petroleum/gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	no	x Clear Brown Gray Yellow Green Orange Red Other: _____	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	no	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables - Does Not Include Trash!!	garbage leaves	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Other: _____	1 - Few/slight, origin not obvious	2 - Some, indications of origin (e.g., possible suds or oil sheen)	3 - Some, origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

INDICATOR	CHECK IF Present	DESCRIPTION	COMMENTS
Outfall Damage	Obscured by leaves	Spalling, Cracking or Chipping Corrosion Peeling	
Deposits/Stains	Green, Algae	Only Flow Line Paint Other: _____	
Abnormal Vegetation	none	Excessive Inhabited	
Poor pool quality	no	Odors Colors Floatables Oil Sheen Sulfide Excessive Algae Other: _____	
Pipe benthic growth	no	Brown Orange Green Other: _____	

Overall Outfall Characterization

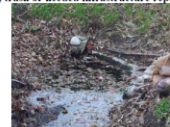
x Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	Yes	x No
2. If yes, collected from:	Flow	Pool
3. Intermittent flow trap set?	x Yes	No
	If Yes, type: x OBM time set 12:12PM	Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?

no just a lot of garbage collected: 11/14/2012 3:45 PM
Wet: NEG



Dry: NEG 11/15/2012

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

NYR20A316

Subwatershed: Saw Mill River	Outfall ID: AZ51
Today's date: 11/19/2012	Time (Military): 2:20 PM
Investigators: Cheng, Kuhn	Form completed by: <i>Andrew, R. Ch. 70</i>
Temperature (°F): 43	Rainfall (in.): Last 24 hours: 0"
Latitude: 41.0153	Longitude: 73.50432
Camera: Samsung Galaxy Note	GPS Unit: Garmin etrex
Land Use in Drainage Area (Check all that apply):	Photo #: _____
Industrial	Open Space
Ultra-Urban Residential	x Institutional
x Suburban Residential	Other: _____
Commercial	Known Industries: Concord Rd Elementary
Notes (e.g., origin of outfall, if known): Heatherdell Road	

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
x Closed Pipe	x RCP CMP	Circular	x Single	Diameter Dimensions: _____
	PVC HDPE	Elliptical	Double	48"
	Steel	Box	Triple	In Water: x No Partially Fully
	Other: _____	Other: _____	Other: _____	With Sediment: x No Partially Fully
Open drainage	Concrete	Trapezoid	Depth: _____	
	Earthen	Parabolic	Top Width: _____	
	rip-rap	Other: _____	Bottom Width: _____	
	Other: _____			
In-Stream	(applicable when collecting samples)			
Flow Present?	x Yes	No	If No, Skip to Section 5	
Flow Description (If present)	Trickle	x Moderate	Substantial	

FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	
Flow #1	Volume	300, 335, 250, 275, 225, 225, 225	Liter
	Time to fill	2.88, 3.53, 4.47, 6.28, 5.28, 5.22, 4.84	Sec
	Flow depth	_____	In
Flow #2	Flow width	_____	Ft. In
	Measured length	_____	Ft. In
	Time of travel	_____	Stop watch
Ave rate = 0.97 gal/min			

Subwatershed: Saw Mill River	Outfall ID: AZ49
Today's date: 11/20/2012	Time: 2:15 PM
Investigators: Cheng, Kuhn	Form completed by: <i>Andrew, R. Ch. 70</i>
Temperature (°F): 46	Rainfall (in.): Last 24 hours: 0"
Latitude: 41.0153	Longitude: 73.50432
Camera: Samsung Galaxy Note	GPS Unit: Garmin etrex
Land Use in Drainage Area (Check all that apply):	Photo #: _____
Industrial	Open Space
Ultra-Urban Residential	x Institutional
x Suburban Residential	Other: _____
Commercial	Known Industries: Concord Road Elementary
Notes (e.g., origin of outfall, if known): Concord Road	

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	x RCP CMP	Circular	x Single	Diameter Dimensions: _____
	PVC HDPE	Elliptical	Double	30"
	Steel	Box	Triple	In Water: x No Partially Fully
	Other: _____	Other: _____	Other: _____	With Sediment: x No Partially Fully
Open drainage	Concrete	Trapezoid	Depth: _____	
	Earthen	Parabolic	Top Width: _____	
	rip-rap	Other: _____	Bottom Width: _____	
	Other: _____			
In-Stream	(applicable when collecting samples)			
Flow Present?	x Yes	No	If No, Skip to Section 5	
Flow Description (If present)	Trickle	x Moderate	Substantial	

FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	
Flow #1	Volume	150, 100, 90, 110, 80	Liter
	Time to fill	3.19, 2.38, 2.09, 2.34, 1.65	Sec
	Flow depth	_____	In
Flow #2	Flow width	_____	Ft. In
	Measured length	_____	Ft. In
	Time of travel	_____	Sec
Ave rate = 0.72 gal/min			

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET									
Are Any Physical Indicators Present in the flow?									
INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)						
Odor	no	Sewage Rancid vomit Sulfide Other: _____	Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance			
Color	x Clear	Brown Gray Yellow	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow				
Turbidity	no	Green Orange Red	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque			
Floatables - Does Not Include Trash?	leaves	Sewage (Toilet Paper, etc.) Solids Petroleum (oil sheen) Other: _____	1 - Few (slight; origin not obvious)	2 - Some; indications of origin (e.g., possible solids or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, solids, or floating sanitary materials)				

Physical Indicators for Both Flowing and Non-Flowing Outfalls									
Are physical indicators that are not related to flow present?									
INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS						
Outfall Damage	no	Spalling Cracking or Chipping Peeling Paint Corrosion							
Deposits/Strains	No	Only Flow Line Paint Other: _____							
Abnormal Vegetation	slight invasive	Excessive Inhabited							
Poor pool quality	No	Odors Solids Colors Excessive Algae	Floatables Oil Sheen Other: _____						
Pipe bankish growth	no	Brown Orange Green Other: _____							

Overall Outfall Characterization			
x Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious

Section 7: Data Collection			
1. Sample for the lab?	Yes	x No	
2. If yes, collected from:	Flow	Pool	
3. Intermittent flow trap set?	Yes	No	If Yes, type: OBM 3:00PM Cank dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?			
no			



Temperature	48	°F
pH	7.5	pH Units
Ammonia	0	mg/L

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET									
Are Any Physical Indicators Present in the flow?									
INDICATOR	CHECK IF PRESENT	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)						
Odor	None	Sewage Rancid vomit Sulfide Other: _____	Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance			
Color	x Clear	Brown Gray Yellow	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow				
Turbidity	No	Green Orange Red	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque			
Floatables - Does Not Include Trash?	Slight trash	Sewage (Toilet Paper, etc.) Solids Petroleum (oil sheen) Other: _____	1 - Few (slight; origin not obvious)	2 - Some; indications of origin (e.g., possible solids or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, solids, or floating sanitary materials)				

Physical Indicators for Both Flowing and Non-Flowing Outfalls									
Are physical indicators that are not related to flow present?									
INDICATOR	CHECK IF PRESENT	DESCRIPTION	COMMENTS						
Outfall Damage	No	Spalling Cracking or Chipping Peeling Paint Corrosion							
Deposits/Strains	slightly storage	Only Flow Line Paint Other: _____							
Abnormal Vegetation	None	Excessive Inhabited							
Poor pool quality	no	Odors Solids Colors Excessive Algae	Floatables Oil Sheen Other: _____						
Pipe bankish growth	no	Brown Orange Green Other: _____							

Overall Outfall Characterization			
x Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious

Section 7: Data Collection			
1. Sample for the lab?	Yes	x No	
2. If yes, collected from:	Flow	Pool	
3. Intermittent flow trap set?	x Yes	No	If Yes, type: x OBM 2:47 PM Cank dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?			
no			



Temperature	50	°F
pH	7.7	pH Units
Ammonia	0	mg/L

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2013

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

Subwatershed: Sprain Brook		Outfall ID: AZ 46	
Today's date: 12/3/2012		Time: 2:15 PM	
Investigators: Cheung, Kuhn		Form completed by: <i>Cheung/Kuhn</i>	
Temperature (°F): 43°		Rainfall (in.): Last 24 hours: 0.09" Last 48 hours: 0.09"	
Latitude: 41 00.679	Longitude: 73 50.994	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	
Land Use in Drainage Area (Check all that apply):		Open Space	
Industrial		x Institutional	
Ultra-Urban Residential		Other: Ardsley High School	
x Suburban Residential		Known Industries:	
Commercial			
Notes (e.g., origin of outfall, if known): Abington creek			

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	x RCP CMP	Circular	x Single	In Water: x No Partially Fully With Sediment: X No Partially Fully
	PVC HDPE	Elliptical	Double	
	Steel	Box	Triple	
	Other:	Other:	Other:	
Open drainage	Concrete	Trapezoid	Depth:	
	Earthen	Parabolic	Top Width:	
	rip-rap	Other:	Bottom Width:	
	Other:			
In-Stream (applicable when collecting samples)				
Flow Present?	Yes x No	If No, Skip to Section 5		
Flow Description (If present)	Trickle	Moderate	Substantial	

FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	
Flow #1	Volume		Liter
	Time to fill		Sec
Flow #2	Flow depth		In
	Flow width		Ft, In
	Measured length		Ft, In
	Time of travel		S
Ave rate = gal/min			

Subwatershed: Saw Mill River		Outfall ID: AZ55	
Today's date: 12/10/2012		Time: 2:35	
Investigators: Cheung, Kuhn		Form completed by: <i>Cheung/Kuhn</i>	
Temperature (°F):		Rainfall (in.): Last 24 hours: 0.41" Last 48 hours: 0.33"	
Latitude: 41 00.394	Longitude: 73 51.020	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	
Land Use in Drainage Area (Check all that apply):		Open Space	
Industrial		Institutional	
Ultra-Urban Residential		Other: NYS Thruway exit	
x Suburban Residential		Known Industries:	
Commercial			
Notes (e.g., origin of outfall, if known): Ridge Rd. Almene Ave			

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	x RCP CMP	x Circular	x Single	In Water: No x Partially Fully With Sediment: No x Partially Fully
	PVC HDPE	Elliptical	Double	
	Steel	Box	Triple	
	Other:	Other:	Other:	
Open drainage	Concrete	Trapezoid	Depth:	
	Earthen	Parabolic	Top Width:	
	rip-rap	Other:	Bottom Width:	
	Other:			
In-Stream (applicable when collecting samples)				
Flow Present?	x Yes No	If No, Skip to Section 5		
Flow Description (If present)	Trickle	x Moderate	Substantial	

FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	
Flow #1	Volume		Liter
	Time to fill		Sec
Flow #2	Flow depth	3"	In
	Flow width	16"	Ft, In
	Measured length	3"	Ft, In
	Time of travel	3.75, 4.38, 9.46, 4.06, 3.47, 3.50, 5.65,	S
Ave rate = 9.04 gal/min			

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	none	Sewage Rancid/sour Petroleum/gas Sulfide Other:	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	none	Clear Brown Gray Yellow Green Orange Red Other:	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	none	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!	none	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Other:	1 - Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	slightly cracked	Spalling x Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	None	Only Flow Line Paint Other:	
Abnormal Vegetation	yes	Excessive x Inhabited	
Poor pool quality	yes brownish	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	none	Brown Orange Green Other:	

Overall Outfall Characterization

x Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	Yes x No
2. If yes, collected from:	Flow Pool
3. Intermittent flow trap set?	Yes No If Yes, type: OBM Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? no



Temperature		°F
pH		pH Units
Ammonia		mg/L

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	no	Sewage Rancid/sour Petroleum/gas Sulfide Other:	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	yes	Clear Brown Gray xYellow Green Orange Red Other:	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	no	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!	leaves slight trash	Sewage (Toilet Paper, etc.) Suds xPetroleum (oil sheen) Other:	1 - Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	no	Spalling Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	black deposit	Only Flow Line Paint Other:	
Abnormal Vegetation	yes	x Excessive Inhabited	
Poor pool quality	oil	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	tree roots	Brown Orange Green Other:	tree roots growing into water flow path

Overall Outfall Characterization

X Unlikely	Potential (presence of two or more indicators)	Suspect (one or more indicators with a severity of 3)	Obvious
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Section 7: Data Collection

1. Sample for the lab?	Yes x No
2. If yes, collected from:	Flow Pool
3. Intermittent flow trap set?	x Yes No If Yes, type: x OBM 3:35 PM Caulk dam

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? no



Collected: 12/13/2012 1:00 PM
Wet: NEG
Dry: NEG 12/17/2012

MS4 Annual Report Form

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Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

Subwatershed: Saw Mill River	Outfall ID: AZ 17
Today's date: 12/17/2012	Time: 2:30 PM
Investigators: Cheung, Kuhn	Form completed by: <i>Andrew/Chs</i>
Temperature (°F): 41°	Rainfall (in.): Last 24 hours: 0.08" Last 48 hours: 0.26"
Latitude: 41 00.812	Longitude: 73 50.756
GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note	Photo #:
Land Use in Drainage Area (Check all that apply): Industrial	X Open Space
Ultra-Urban Residential	Institutional
X Suburban Residential	Other: DeCicco Strip Mall, Bicentennial Park
X Commercial	Known Industries:
Notes (e.g., origin of outfall, if known): Route 9A	

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow? x No

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	no	Sewage Rancid/sour Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	clear	Sulfide Other: X Clear Brown Gray Yellow	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	no	Green Orange Red Other: See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!	garbage	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) trash	1 - Few/slight; origin not obvious	2 - Some; indication of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	no	Spalling Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	no	Only Flow Line Paint Other: mucky sediment	
Abnormal Vegetation	green plant growth	Excessive Inhibited x moderate	bright green "star-shaped" multifoliate leaved plants in stream
Poor pool quality	no	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	no	Brown Orange Green Other:	

Overall Outfall Characterization

x Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab?	Yes	No
2. If yes, collected from:	Flow	Pool
3. Intermittent flow trap set?	x Yes	No

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? no

collected: 12/19/2012 3:00 PM
Wet: NEG
Dry: NEG 12/26/2012



FIELD DATA FOR FLOWING OUTFALLS			
PARAMETER	RESULT	UNIT	
Flow #1	Volume		Liter
	Time to fill		Sec
Flow #2	Flow depth	4"	In
	Flow width	11' 0"	Ft. In
	Measured length	17"	Ft. In
	Time of travel	6.56, 5.59, 5.15, 5.93, 6.97 Ave rate = 386.0 gal/min	S

Temperature	46	°F
pH	7	pH Units
Ammonia	0	mg/L

Subwatershed: Bronx River	Outfall ID: AZ39
Today's date: 1/7/2013	Time: 2:15 PM
Investigators: Cheung, Kuhn	Form completed by: <i>Andrew/Chs</i>
Temperature (°F): 43°	Rainfall (in.): Last 24 hours: 0" Last 48 hours: 0"
Latitude: 41 00.452	Longitude: 73 50.019
GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note	Photo #:
Land Use in Drainage Area (Check all that apply): Industrial	Open Space
Ultra-Urban Residential	X Institutional OLPH School
X Suburban Residential	Other:
Commercial	Known Industries:
Notes (e.g., origin of outfall, if known): Cross Road	

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT		
Flow #1	Volume		Liter	
	Time to fill		Sec	
Flow #2	Flow depth		In	
	Flow width	' "	Ft. In	
	Measured length	' "	Ft. In	
	Time of travel		S	
	Ave rate =	gal/min		

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow? Yes No

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	no	Sewage Rancid/sour Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	Yes	Sulfide Other: Clear Brown Gray x Yellow	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	yes	Green Orange Red Other: See severity	1 - Slight cloudiness	2 - Cloudy x	3 - Opaque
Floatables -Does Not Include Trash!!	no	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Other:	1 - Few/slight; origin not obvious	2 - Some; indication of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	Yes	Spalling x Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	yes	Only Flow Line Paint x Other: mucky sediment	
Abnormal Vegetation	yes	x Excessive Inhibited	
Poor pool quality	yes	Odors Suds Colors Floatables Oil Sheen	
Pipe benthic growth	No	Brown Orange Excessive Algae x Other: decayed Leaves	

Overall Outfall Characterization

x Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab?	Yes	x No
2. If yes, collected from:	Flow	Pool
3. Intermittent flow trap set?	Yes	x No

Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? no



Temperature	38	°F
pH	6.5	pH Units
Ammonia	0	mg/L

MS4 Annual Report Form

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Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

Subwatershed: Saw Mill River		Outfall ID: AZ 27	
Today's date: 03 04 2013		Time: 2:15 PM	
Investigators: Chetung, Kuhn		Form completed by: <i>Chetung, Kuhn</i>	
Temperature (°F): 32°	Rainfall (in.): Last 24 hours: 0" Last 48 hours: 0"	GPS Unit: Garmin etrex	
Latitude: 41 01 229	Longitude: 73 50.637	GPS LMK #:	
Camera: Samsung Galaxy Note		Photo #s:	
Land Use in Drainage Area (Check all that apply):		Open Space	
Industrial		Institutional	
Ultra-Urban Residential		Other:	
X Suburban Residential		Known Industries: Dry Cleaners, Restaurant	
X Commercial			
Notes (e.g., origin of outfall, if known): Concord Road, Rte 9A storm drain			

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
XClosed Pipe	RCP CMP	X Circular	X Single	In Water: X No Partially Fully With Sediment: X No Partially Fully
	PVC HDPE	Elliptical	Double	
	X Steel	Box	Triple	
	Other:	Other:	Other:	
Open drainage	Concrete	Trapezoid	Depth:	
	Earthen	Parabolic	Top Width:	
	rip-rap	Other:	Bottom Width:	
	Other:			
In-Stream (applicable when collecting samples)				
Flow Present?	X Yes	No	If No, Skip to Section 5	
Flow Description (If present)	X Trickle	Moderate	Substantial	

FIELD DATA FOR FLOWING OUTFALLS							
PARAMETER		RESULT			UNIT		
Flow #1	Volume	20ml, 20ml, 25ml, 25ml, 20ml, 20ml				Liter	
	Time to fill	19.12, 8.97, 8.68, 8.72, 7.93, 7.35				Sec	
Flow #2	Flow depth					In	
	Flow width	' "				Ft, In	
	Measured length					Ft, In	
	Time of travel					S	
		Ave rate = 0.04 gal/min					

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow? Yes No

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	no	X Clear Brown Gray Yellow Green Orange Red Other:	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	no	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!	yes	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Other: trash	1 - Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present? Yes X No (If No, Skip to Section 6)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	no	Spalling Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	no	Only Flow Line Paint Other:	
Abnormal Vegetation	yes	Excessive X Inhabited	
Poor pool quality	no	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	no	Brown Orange Green Other:	

Overall Outfall Characterization

X Unlikely Potential (presence of two or more indicators) Suspect (one or more indicators with a severity of 3) Obvious

Section 7: Data Collection

1. Sample for the lab?	Yes	X No
2. If yes, collected from:	Flow	Pool
3. Intermittent flow trap set?	X Yes	No
		If Yes, type: X OBM Caulk dam

Section 8: Any Non-Illlicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? no

Set: 2:45 PM
Collected: 3/5/2013 11AM
Wet: NEG
Dry: NEG 3/8/2013



Temperature	42	°F
pH	6.5	pH Units
Ammonia	0	mg/L

MS4 Annual Report Form

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2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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<u>Catch Basin Head Cleaning</u> <u>Routes:</u> A = Ashford Ave H = Heatherdell Rd EV = Entire Village		<u>Bulk Roadside Cleaning</u> <u>Route:</u> Entire Village (litter and small brush)	<u>Bulk Leaf Clean-up</u>	
ROUTES	DATE	DATE	ROUTE	DATE
EV	3/15	3/15	A	3/15
A	3/23	3/19	H	3/16
H	3/26	3/22	EV	3/22
EV	4/12	4/11	EV	4/17
EV	5/4	4/30	A	4/25
EV	6/29	5/8	EV	5/15
EV	7/10	5/18	EV	5/21
EV	8/17	5/25	EV	10/2
EV	9/18	6/13	EV	10/5
EV	10/25	7/10	A	10/7
A	10/30	8/10	H	10/8
H	11/1	9/7	A	10/24
A	11/7	10/9	H	10/25
H	11/9	10/17	EV	10/29
EV	11/29	10/22	EV	11/2
A	12/7	10/31	A	11/5
H	12/10	11/2	H	11/6
A	12/14	11/9	EV	11/7
H	12/17	11/15	A	11/15
EV	12/20	11/26	H	11/16
EV	2/22/2013	11/29	EV	11/19
EV	3/5/2013	12/4	EV	11/20
		12/6	EV	11/24
		12/21	EV	11/26
		1/22/2013	A	11/27
		2/1/2013	H	12/4
		2/6/2013	EV	12/6
		2/22/2013	H	12/7
			A	12/10
			H	12/11
			EV	12/17

MS4 Annual Report Form

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2	0	1	3
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Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Catch Basin Internal Clean-out

LOCATION	# of BASINS	DATE
ALMENA AVENUE	4	3/15,3/16
PROSPECT AVENUE	2	3/23
ASHFORD AVENUE	12	3/26,3/27,3/28
McCORMICK DRIVE	2	4/2
EUCLID AVENUE	2	4/9
VICTORIA RD.	6	4/16,4/17,4/18
CONCORD RD.	4	4/19
CROSS RD.	1	4/19
RIDGE RD.	2	4/26
BRAMBLEBROOK RD.	8	4/30,5/1
HUNTLEY DRIVE	6	5/2,5/3
MT. VIEW	2	5/15
HEATHERDELL RD.	8	6/4,6/5,6/6
EASTERN DRIVE	2	6/13
ABBINGTON AVENUE	5	6/15
CROSS RD.	2	7/3
PARK AVENUE	3	7/20
ORLANDO AVENUE	2	7/23
WESTERN DRIVE	1	7/24
HILLTOP	2	8/6
CHIMNEY POT	2	8/13
KENSINGTON	3	9/10

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2	0	1	3
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Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Incident Report

Location (st/cross st)	Description (water main, sewage)	Date incident	Repair (DPW or other)	Date repaired
9A/REVOLUTIONARY RD	SEWER	3/27	GREENBURGH	SAME
4 WESTERN DR.	SEWER	3/29	DPW	SAME
29 PROSPECT	SEWER	4/23	DPW	SAME
4 WESTERN DRIVE	SEWER	4/30	DPW	SAME
142 HEATHERDELL	EJECTOR PUMP	6/7	HOY PLUMBING	SAME
3 ELM STREET	WATER	7/14	UNITED WATER	7/16
4 WESTERN DRIVE	SEWER	8/10	DPW	SAME
2 WINDSONG	EJECTOR PUMP	10/19	DPW	SAME
4 WESTERN DR.	SEWER	10/17	DPW	SAME
9A/ASHFORD	SEWER	11/7	GREENBURGH	SAME
PASCON PARK	WATER	11/16	DPW	SAME
WINDSONG	EJECTOR PUMP	12/14	DPW	12/18
4 WESTERN DR.	SEWER	12/16	DPW	SAME
HEATHERDELL	EJECTOR PUMP	12/18	DPW	SAME
4 WESTERN DR.	SEWER	1/28/2013	DPW	SAME
144 HEATHERDEL	GRINDER PUMP	2/5/2013	DPW	SAME
ADDYMAN SQ.	WATER	2/14/2013	UNITED WATER	SAME
36 WILMOTH	SEWER	2/16/2013	GREENBURGH	SAME
RIDGE RD./BB	SEWER	2/26/2013	GREENBURGH	SAME

MS4 Annual Report FormThis report is being submitted for the reporting period ending March 9,

2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Road Repair

Location (st/cross st)	Material	Amount (tons)	Date of use
ALMENA AV./CARRIERE	7F	4	4/2
HEATHERDELL RD./LEGION DR.	7F	6	4/12
RIDGE RD./SWANSTON	7F	1	4/13
BRAMBLEBROOK/RIDGE	7F	4	4/13
McDOWELL PARK/PASCONA PARK	7F	5	4/16
CENTER ST.,VILLAGE HALL	7F	5	5/8
PROSPECT,LARCHMONT	7F	2	5/8
ASHFORD AVENUE	7F	6	5/25
WINDSONG RD	CURB MIX	9	5/31
VARIOUS LOCATIONS	7F	4	6/5
VARIOUS LOCATIONS	7F	4	6/7
VARIOUS LOCATIONS	7F/CURB MIX	3/3	6/8
VARIOUS LOCATIONS	7F	3	6/11
EASTERN,AGNES,ABBINGTON	7F	6	6/18
COMPLETE REFINISH:			
HUNTLEY,GLENN,BEACON HILL,	7F	1,429	8/31
HEATHERDELL ROAD			

MS4 Annual Report Form

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2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Road Salt Application

Village (total) or Neighborhood (name)	Amount (tons)	Condition	Date applied
VILLAGE	5	SNOW	12/21
VILLAGE	6	SNOW	12/24
VILLAGE	20	SNOW	12/26
VILLAGE	12	SNOW,ICE,RAIN	12/27
VILLAGE	18	SNOW,ICE	12/29
VILLAGE	20	SNOW	1/16/2013
VILLAGE	20	SNOW	1/26/2013
VILLAGE	20	SNOW,ICE	1/27/2013
VARIOUS LOCALES	4	ICE	1/30/2013
VILLAGE	15	SNOW	2/1/2013
VILLAGE	8	SNOW	2/3/2013
VILLAGE	25	SNOW	2/8/2013
VILLAGE	18	SNOW	2/9/2013
VILLAGE	18	SNOW	2/10/2013
VILLAGE	28	SNOW	3/7/2013
VILLAGE	235	SNOW	3/8/2013
VILLAGE	15	SNOW	3/9/2013

MS4 Annual Report Form

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2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Street Sweeping

Routes: HN = North of Heatherdell Rd

HS = South of Heatherdell Rd

AN = North of Ashford Ave

AS = South of Ashford Ave

BD = Business District, Route 9A/Center St

DATE	ROUTES
3/28	AN/AS/BD
4/4	HN/HS/BD
4/10	AN/AS/BD
4/18	HN/HS/BD
5/2	AN/AS/BD
5/16	HN/HS/BD
5/30	AN/AS/BD
6/13	HN/HS/BD
6/27	AN/AS/BD
7/11	HN/HS/BD
7/25	AN/AS/BD
8/15	HN/HS/BD
8/29	AN/AS/BD
9/12	HN/HS/BD
9/26	AN/AS/BD
10/10	HN/HS/BD
10/17	AN/AS/BD
10/31	HN/HS/BD
11/7	ENTIRE VILLAGE (SANDY)
11/21	AN/AS/BD

MS4 Annual Report FormThis report is being submitted for the reporting period ending March 9,

2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
CHARGER	97	OIL CHANGE & FILTER	3/14
EXPLORER	94	O2 SENSOR	3/16
CHARGER	97	FUEL PUMP	3/19
DUMP	2	REPAIR PISTON LEAK	3/20
SUBURBAN	2011	CHANGED BELTS	3/20
PICKUP	7	WASH	3/21
PICKUP	6	WASH	3/22
DUMP	11	WASH	3/28
DUMP	5	REPAIR OIL LEAK	3/29
DUMP	5	WASH	3/30
LOADER	PL	POWER WASH & GREASE	4/5
PACKER	8	REPAIR HYDRAULIC LEAK	4/11
DUMP	11	ANNUAL SERVICE	4/18
PICKUP	7	ANNUAL SERVICE	4/25
PICKUP	6	ANNUAL SERVICE	4/26
PACKER	16	WASH	5/1
PACKER	15	WASH	5/1
PICKUP	4	ANNUAL SERVICE	5/2
PACKER	8	WASH	5/9
JEEP	#2	ANNUAL SERVICE	5/11
PAYLOADER	PL	ANNUAL SERVICE	5/12
PICKUP	4	WASH	5/14
ARIAL	BT	ANNUAL SERVICE	5/18
BUS	SB	ANNUAL SERVICE	5/18
CHARGER	94	CATALYTIC CONVERTER	5/24
PACKER	12	WASH	5/24
TRACTOR	JD 1	WATER PUMP	5/29
PACKER	14	WASH	5/30
SUBURBAN	2011	BRAKES	6/5
CHARGER	94	AC LEAK	6/7
PACKER	14	WASH	6/8
TRACTOE	JD 3	HYD. LEAK	6/13
EXPLORER	92	DIAGNOSTICS	6/14

MS4 Annual Report FormThis report is being submitted for the reporting period ending March 9,

2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
EXPLORER	92	CONTROL ARM	6/15
PACKER	15	MOTOR MOUNTS,BUSHINGS	6/19
CHARGER	98	HEATER CORE	6/19
SUV	#1	ANNUAL SERVICE	6/20
PICKUP	4	AC LEAK	6/25
PACKER	8	BATTERY	6/26
PICKUP	10	ANNUAL SERVICE	6/28
DUMP	1	ANNUAL SERVICE	7/2
LOADER	PL	PISTON REPAIR	7/5
BUS	SB	AC LEAK	7/6
PACKER	16	ANNUAL SERVICE	7/9
ARIAL	BT	HYD. LEAK	7/10
TAHOE	2012	WATER PUMP,BRAKES,BATTERY	7/12
CHARGER	94	BRAKES	7/13
PICKUP	4	CONDENSOR	7/17
PICKUP	10	WASH	7/20
DUMP	1	WASH	7/20
DUMP	2	WASH	7/20
DUMP	11	WASH	7/20
CROWN VIC	BI	ANNUAL SERVICE	7/26
PACKER	8	WASH	7/22
ARIAL	BT	BRAKES	7/31
PACKER	15	REPLACED BELT	7/31
DUMP	2	REAR END LEAK	8/1
PACKER	16	HYD. HOSE	8/3
BUS	SB	FREON LEAK	8/3
EXPLORER	96	DIAGNOSTICS	8/3
PACKER	12	SERVICE	8/13
PACKER	16	WASH	8/13
PICKUP	4	BRAKES	8/16
TAHOE	2013	SERVICE	8/17
PICKUP	10	ALTENATOR	8/21
DUMP	3	WASH	8/21
PICKUP	10	TRANSMISSION	8/22

MS4 Annual Report FormThis report is being submitted for the reporting period ending March 9,

2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
PICKUP	4	BALL JOINTS	8/24
PICKUP	10	COMPUTER	8/28
ARIAL	BT	2 BATTERIES	8/28
PACKER	16	AIR COMP.	8/29
PICKUP	4	FRONT END	9/5
DUMP	11	OIL LEAK	9/6
ARIAL	BT	WASH	9/10
PACKER	12	WASH	9/10
DUMP	11	WASH	9/20
PACKER	8	WASH	9/20
PICKUP	4	WASH	9/20
PICKUP	6	OIL LEAK	9/21
DUMP	5	FUEL LEAK	9/22
ARIAL	BT	AC LEAK	9/22
DUMP	2	REAR END SEAL	9/23
EXPLORER	94	RADIATOR	9/25
LOADER	PL	BATTERIES	9/27
PICKUP	7	HOSE LEAK	10/10
PACKER	12	WASH	10/10
PICKUP	6	WASH	10/11
PICKUP	7	BRAKES	10/11
PACKER	8	SPRINGS	10/12
PICKUP	10	BRAKES	10/14
DUMP	11	SERVICE	10/24
LOADER	PL	HYD. LEAK	10/30
TAHOE	2013	SERVICE	11/5
DUMP	3	BATTERIES	11/6
DUMP	1	BATTERIES	11/6
DUMP	2	BELT	11/8
PICKUP	10	PLOW PUMP	11/8
PICKUP	7	PLOW PUMP	11/8
PICKUP	6	SPREADER PUMP	11/13
BUS	SB	HEATER COIL	11/16
PACKER 8	8	8-TIRES	11/19

MS4 Annual Report FormThis report is being submitted for the reporting period ending March 9,

2	0	1	3
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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
DUMP	12	BELT SPREADER	11/20
PICKUP	10	HYD. VALVE	11/26
DUMP	3	ALTENATOR	11/28
PACKER	15	BRAKES	11/29
PICKUP	10	WATER PUMP	11/29
LOADER	PL	HYD. HOSE	12/6
CHARGER	93	BATTERY	12/6
PACKER	12	EXHAUST SYSTEM	12/10
CHARGER	9+4	SERVICE	12/18
PACKER	12	8-TIRES	12/19
EXPLORER	95	SERVICE	12/20
DUMP	1	BATTERIES	12/26
PICKUP	6	OIL LEAK	12/27
PICKUP	10	O RINGS	12/27
PICKUP	4	GAS LINE	12/28
ALL HIGHWAY	1,2,3,4,5,6,7,11	POWER WASH-SALT	12/28
SUV	#1	BRAKES,OIL CHANGE	12/31
PICKUP	6	SPREADER	1/4/2013
ALL HIGHWAY	1,2,3,4,5,6,7,8,10,12,14,15,16	INSPECTIONS	1/7-1/9/2013
JEEP	#2	BRAKES & Heater	1/15/2013
Pickup	4	Plow assembly	1/16/2013
Dump	1	Belt assembly	1/17/2013
Packer	12	Packer assembly	1/17/2013
Packer	14	Bleed brakes & overhaul	1/18/2013
Jeep	#2	Radiator	1/22/2013
Packer	15	8-tires	1/22/2013
Pickup	4	Hyd. Hose	1/24/2013
Dump	1	Chain	1/30/2013
Dump	3	Tire chains	2/5/2013
Loader	Pl	Service & grease	2/6/2013

MS4 Annual Report Form

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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Pickup	7	Pump	2/11/2013
Pickup	6	Tires	2/13/2013
Dump	2	Rear end seals	2/15/2013
Packer	16	Hyd. Hose	2/20/2013
Dump	2	Transfer case	2/26/2013
Packer	15	Brake chamber	2/28/2013
Packer	8	Routine maintenance	2/28/2013
Dump	5	Fuel leak	3/1/2013

MS4 Annual Report Form

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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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FACILITY CHECKLIST

Used Oil Storage Tank: (used oil pick up is documented in separate Highway Foreman file)

Date: 3/29/2012

Volume (gallons): 50 gal

Condition: outdoor
no leaks

Motor Fluids:

Date: 3/29/2012

Volume (gallons): 8 X 5 gal 1 X 50 gal 3 X 5 gal 5 X 50 gal

Type: trans trans lube lube

(antifreeze, transmission, etc.) indoor indoor indoor indoor

Condition: sealed sealed sealed sealed

Solvents:

Date: 3/29/2012

Volume (gallons): 2 X 2 gal 1 X 5 gal 2 X 50 gal 1 X 50 gal 4 X 35 gal

Type: washer thinner coolant cat conv cleaner truck wash

(alcohol, acetone, etc.) indoor indoor indoor indoor indoor

Condition: sealed sealed sealed sealed sealed

Paint:

Date: 3/29/2012

Volume (gallons): 1 gal 12 X 1 qt 24 X 1 gal 1 X 1 gal 9 X 1 qt 3 X 1 gal 2 X 1 qt 3 X 5 gal

Type: floor finish latex latex lacquer enamel fiberglass fiberglass sealer

(oil, latex, enamel, etc.) indoor indoor indoor indoor indoor resin resin indoor

Condition: sealed sealed sealed sealed sealed sealed sealed sealed

Spill Kit:

Date: 3/29/2012

Condition: fully stocked

Fire Extinguishers: (there are five fire extinguishers in the Highway Garage facility)

Date: 3/29/2012

Condition: charged

(Salt and Sand Storage and Use cataloged elsewhere)

MS4 Annual Report Form

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Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
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FACILITY CHECKLIST

Used Oil Storage Tank: (used oil pick up is documented in separate Highway Foreman file)

Date: 12/4/2012

Volume (gallons): 50 gal

Condition: outdoor
no leaks

Motor Fluids:

Date: 12/4/2012

Volume (gallons): 5 X 5 gal 1 X 1 gal 7 X 5 gal 1 X 10 gal 6 X 50 gal

Type: trans lube lube lube lube

(antifreeze, transmission, etc.) indoor indoor indoor indoor indoor

Condition: sealed sealed sealed sealed sealed

Solvents:

Date: 12/4/2012

Volume (gallons): 1 X 30 gal 2 X 2 gal 2 X 50 gal 1 X 50 gal 2 X 35 gal 1 X 30 gal

Type: washer thinner coolant cat conv cleaner truck wash salt neutralizer

(alcohol, acetone, etc.) indoor indoor indoor indoor indoor indoor

Condition: sealed sealed sealed sealed sealed sealed

Paint:

Date: 12/4/2012

Volume (gallons): 2 X 1 gal 3 X 1qt 11 X 1 gal 8 X 1 qt 6 X 1 gal 2 X 1 qt

Type: floor finish latex latex enamel fiberglass fiberglass

(oil, latex, enamel, etc.) indoor indoor indoor indoor resin resin

Condition: sealed sealed sealed sealed sealed sealed

Spill Kit:

Date: 12/4/2012

Condition: fully stocked

Fire Extinguishers: (there are five fire extinguishers in the Highway Garage facility)

Date: 12/4/2012

Condition: charged

(Salt and Sand Storage and Use cataloged elsewhere)