MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2010

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

Appendix

MS4 Annual Report Form

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

The Ardsley Villager

May 2009

STORMWATER UPDATE : MORE FUN THAN A BARREL OF …RAINDROPS!

Rain and melting snow pour off your rooftop down the drainpipe, run out over your driveway into the street, along the way collecting dirt, oil and grime which go down the storm drain into our local streams. Even if your drainpipes connect directly to the storm drain system, that runoff water misses an opportunity to clean up by infiltration into the ground and also overburdens the system during storms which contributes to flooding. Rain barrels are a great way to "disconnect" your home downspouts from the storm sewer system as well as providing some water for garden irrigation. Rain barrels are available online and at local garden supply stores. www.marc.org/Environment/water has tips on how to build your own, too. A few important points, always keep the top overflow outlet open and directed at least 10 feet away from your foundation (preferably into a rain garden), use a screen at the barrel inlet and prop the barrel up on cinder blocks to allow access to the bottom outlet. Make sure it is stable; a 50 gallon barrel of water is heavy. Watch for the "Adopt-a-Rain Barrel" page on www.ardsleyvillage.com coming this spring.

In Stormwater Media News, there's a new Ardsley Stormwater video on YouTube at http://www.youtube.com/watch?v=1nILJqh6ZFU . A link to the video is posted on the Village website. Also, SW "Commercial" soon returns to Channel 75 CATV. Lastly, a Phase II Stormwater Management Survey will be posted on the website. Please take a few minutes to fill it out. Responses are extremely helpful to our Minimum Measure 2 Public Participation efforts. And thanks for being Stormwater-savvy – keeping our water cleaner! - - Lorraine Kuhn, Stormwater Assistant

August 2009

STORMWATER UPDATE: A HOME FOR "OLD SALTS"

It's not a new mariners' retirement community – it's the Ardsley Village Salt Shed at last! After 40+ years under the Ashford Bridge, our road salt pile is moving down Elm Street to a secure building. Village trucks will now be sheltered under the bridge and salt will no longer wash away. The NYS Department of Environmental Conservations and the Saw Mill River fish will be thrilled! Construction should be complete by the end of summer 2009.

Thank you to Dan Barnett and the AHS Environmental Science Club for installation of the demo Rain Barrel and receiving Rain Garden at McDowell Park. Visit it in person at the park and check out the Rain Barrel web page at www.ardsleyvillage.com, coming soon.

Thanks also go to Vincent Reda and Boy Scout Troop 3. Vin mapped and assessed our storm drains as his Eagle Scout Infrastructure Survey project, part of Village Phase II Stormwater Management. Special thanks to Vin's grandpa, Thomas Russo, for giving this job a professional advantage. Great work Vin and team!

Plenty of rain so far – good chance to try out a rain barrel and/or rain garden. Enjoy the rest of the summer! -- Lorraine J. Kuhn, Storm Water Management

December 2009

LITTLE HOUSE ON THE TRIBUTARY

Ardsley straddles two watersheds – the Saw Mill River feeding the Hudson and the Sprain Brook feeding the Bronx River, ultimately reaching Long Island Sound. Ashford Park drains to the Sprain Brook, a significant tributary. In Summer 2008, the former "Village Clerk's Office / American Legion / McCartney Building" found a new home in Ashford Park. (You may read all about this historical structure in The Ardsley Villager September 2008 edition.) The Building is currently undergoing restoration thanks to the efforts of American Legion Post #458. In its "next life", the Building will serve as both a cultural and Stormwater Education resource center.

In August 2009, the Village of Ardsley was awarded a Bronx River Watershed Initiative grant. Funding is provided by the NYS Office of the Attorney General and the grant is administered by the National Fish and Wildlife Foundation. Our project will be a demonstration of several Best Management Practices for stormwater treatment. The "Little House" will have a rain barrel, and downspouts will feed a large rain garden behind it. Runoff from the circle driveway will enter a new storm drain, continue to a dry well, excess water will go on to a dissipater, and finally over rip rap on a portion of stream bank which will be cleared of invasive plants. Native plants will be used in site landscaping. The circular driveway will have a ring of porous pavement, and porous walkways will be added to the site. The design phase began this Fall 2009. Look for work to begin in Spring 2010. Community involvement will be a hallmark of this project and volunteers are being sought for planting tasks. Interested in volunteering? Please email us at stormwater@ardsleyvillage.com.

Holidays are just around the corner. Consider water-friendly small gifts like an office coffee mug or new "quirky" design water bottle. Cuts down on all those disposable cups and bottles turning into floatable trash. Thanks from Stormwater Management! – Lorraine Kuhn

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Ardsley Union Free School District

THE CONNECTION
2009-2010

Volume 2, Issue 1

September 2009
Back to School Issue

Page 4

Intergrated Pest Management (IPM)

IPM is a process for managing, preventing and suppressing pests with minimal impact on human health, the environment and non-target organisms. IPM incorporates all reasonable measures by properly identifying, monitoring and controlling pests through the use of cultural, physical, biological and chemical control methods to reduce pests to acceptable levels. Pesticides are only used as a last resort, and if pesticides are needed, the least toxic pest-specific alternative is always selected. It is rare that we have to use a pesticide. There were no pesticides used in any of our buildings last year. We also practice a completely organic lawn care program. We do not use chemical/synthetic insecticides or fertilizers. This past year, we experienced a white grub infestation on our high school athletic fields and campus. We controlled the problem naturally. We have purchased Entomopathogenic nematodes which offer a non-toxin, environmentally safe and IPM-compatible alternative to synthetic insecticides. Nematodes are microscopic and occur in natural and agricultural soils around the world and are used for biological control of insects, primarily soil-dwelling insects. Studies have been conducted by Rutgers University scientists to investigate soil effects on nematode suppression of white grubs. Cornell and URI have also performed studies. They believe that long-term white grub suppression should be achievable. We were successful in eliminating our grub problem.

Pesticide Neighbor Notification Law...section 409-h of the Education Law requires schools to provide a written notice to all parents, guardians and staff at the beginning of each school year that includes the following points:

Pesticide products may be used periodically throughout the school year.

Schools are required to maintain a list of parents, guardians and staff who wish to receive a 48-hour written advance notice of an actual pesticide application. The name of the school representative to contact for further information, or if you have any pesticide related questions, call Joseph Urbanowicz, Director of Facilities and Transportation, at 914-693-6300 X 2208. If you would like to register to receive a written notification 48 hours prior to an actual application, please write to Mr. Urbanowicz at Ardsley UFSD, 500 Farm Road, Ardsley, NY 10502 indicating that you would like to be put on the notification list.

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Literature and Item Distribution Log – number distributed (3/9/2009 – 3/9/2010)

	Village Hall	Library	Comm. Center	Scout Project/ Stream bank	Scout Project/ Storm Drain Mapping	Ardsley Day	Enviroscape Program
"H_2OK" bookmark (West. County)						5	163
"When It Rains" bookmark (HRE/NYSDEC))						3	
"Aquatic Restor." bookmark (West. County)		10					
"Growing Concern/Invasive Plants" (West. County)		10					
"Backyard Conservation" (USDA PA-1621)		2					
"Guide to Aquatic Buffers" (West. County)		2					
"Grassroots Healthy Lawns" (Grassroots/West. County)	19						
"Step by Step" (LI Sound/EPA)	1		1				
"Solution to Pollution" (EPA 833B03003)	2	12		8	12		
"After the Storm" (EPA 833B03002)		5	1				
"SW Regulations Construction Industry" (NYSDEC/SWCD)	35						
"SW References" (Ardsley SWM)				8	12		

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	Village Hall	Library	Comm. Center	Scout Project/ Stream bank	Scout Project/ Storm Drain Mapping	Ardsley Day	Enviroscape Program
"Drains to SMR" bumper sticker (SMRCoalition)	14	17					
"SW Magnets" (Ardsley SWM)						8	
"Your Watershed" coloring book (EPAB41H03005						6	
"SW Crayons" (Ardsley SWM)						6	
"Pet Biobaggies" (West. County)	29	38					
"Village Sanitation Calendar" (Village of Ardsley)	1450						
"Village Newsletters" (Village of Ardsley)	1450						

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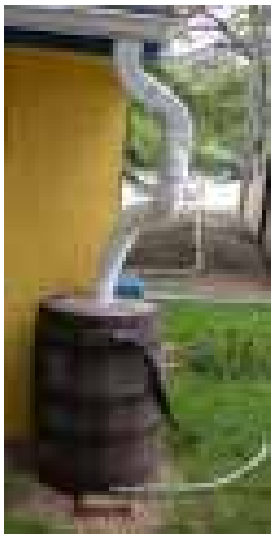

Ardsley High School Environmental Science Club
Rain Barrel/Rain Garden 4/28/2009 – 5/3/2009

Concord Road Elementary
4th Grade Science Classes
"Enviroscape" Program
2/8/2010 – 2/25/2010

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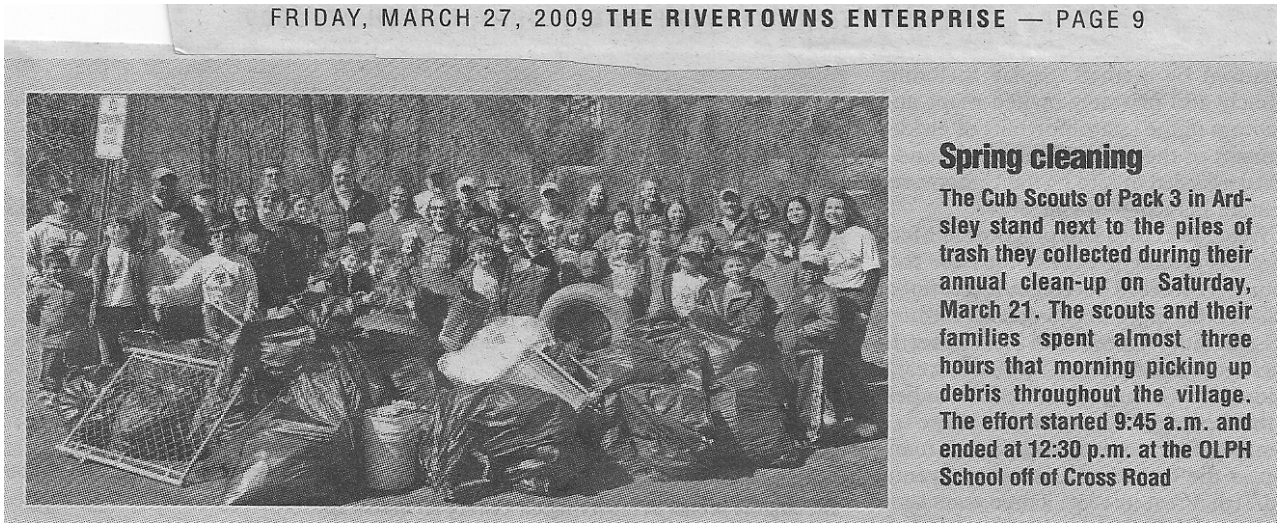

FRIDAY, MARCH 27, 2009 **THE RIVERTOWNS ENTERPRISE** — PAGE 9

Spring cleaning

The Cub Scouts of Pack 3 in Ardsley stand next to the piles of trash they collected during their annual clean-up on Saturday, March 21. The scouts and their families spent almost three hours that morning picking up debris throughout the village. The effort started 9:45 a.m. and ended at 12:30 p.m. at the OLPH School off of Cross Road

Cub Scout Pack 3 Clean up
3/21/2009

Comment, blog & share photos
Log in | Become a member | Search people

POWERED BY YOU AND The Journal News

Volunteers clear trash, cut vines along Saw Mill River Parkway

BY CHRISTINE PIZZUTI • THE JOURNAL NEWS • MARCH 16, 2009

Read Comments(4) Recommend Print this page E-mail this article Share

Text Size: Normal | Large | Larger

HASTINGS-ON-HUDSON - Working along the paths that abut the litter-strewn Saw Mill River Parkway, volunteers and county workers dedicated their Sunday to freeing entangled trees from invasive plants and to pull the many tires and debris from the natural habitat.

About 30 tires were pulled from a small stretch near Farragut Avenue and Route 9A yesterday alone, in addition to roofing material, bottles, a refrigerator and other garbage passersby have dumped on the grounds.

Jordan Stein, 17, president of Ardsley High School's environmental club, uses clippers yesterday to get at invasive vines along the Saw Mill River Parkway. The project continues weekly through October. (Seth Harrison/The Journal News)

Saw Mill River Coalition/Groundwork Hudson Valley
"Free-a-Tree" Invasive Vine Clearance Saw Mill River
Ardsley High School Students
Fall 2009 – Spring 2010

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Bronx River Watershed Initiative Stream bank Restoration Project 12/22/2009 – 2/2/2010

BEFORE

AFTER

PAGE 8 — THE RIVERTOWNS ENTERPRISE, FRIDAY, FEBRUARY 12, 2010

Will Gonzalez stands with other Scouts and volunteers who removed tonnes upon tonnes of trash along Sprain Brook.

Scouts clear brook for future restoration

By Gina Scaccia

PAGE 24 — THE RIVERTOWNS ENTERPRISE, FRIDAY, FEBRUARY 12, 2010

Sprain Brook

CONTINUED FROM PAGE 8

The Boy Scouts have given me the confidence to be able to do things people would normally shy away from because they think it's uncool or don't feel they should have to do it.

Will Gonzalez

Will Gonzalez Eagle Scout Project

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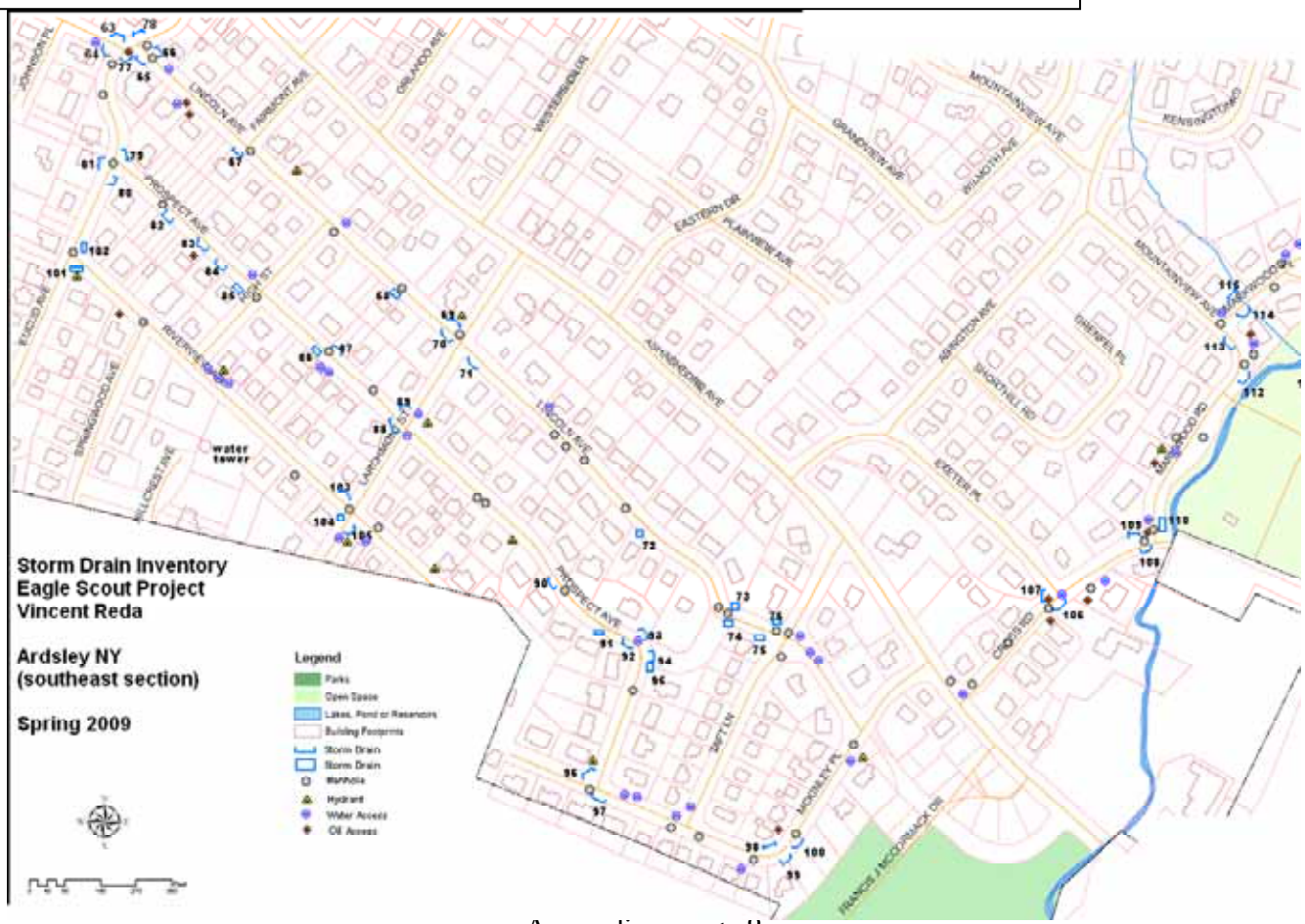
Storm Drain Mapping Project Eagle Scout Vin Reda 6/4/2009 – 6/20/2009



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SPDES ID: N Y R 2 0 A 3 1 6

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data — SUNNY

Subwatershed: SAW MILL RIVER		Outfall ID: AZ 29	
Today's date: 3/20/2009		Time (Military): 1515	
Investigators: GOUREVITCH, KUHN		Form completed by: GOUREVITCH, JESSE	
Temperature (°F): 36°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0.02"	
Latitude: 41.00.928	Longitude: 73 50.665	GPS Unit:	GPS LMK #:
Camera: NIKON COOLPIX 5700		Photo #s: ✓	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: ST. BARNABAS, CR SCHOOL
- Known Industries:

Notes (e.g., origin of outfall, if known): CONCORD ROAD

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: Clay	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 20"	In Water: ☒ No ☐ Partially ☐ Fully; With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No	*If No, Skip to Section 5* (standing H_2O tested)			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ 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		40°	°F	Thermometer
pH		6.4	pH Units	Test strip/Probe
Ammonia		0	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)*

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	☒	☐ 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	☒	See severity	☐ 1 – Slight cloudiness	☒ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☒	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☒ Other: Garbage	☐ 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)

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	☐ NO	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐ NO	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐ NO	☐ Excessive ☐ Inhibited	
Poor pool quality	☒	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☒ Other: Asphalt	Asphalt in Pool
Pipe benthic growth	☐ NO	☐ Brown ☐ Orange ☐ Green ☐ 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		
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

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data — SUNNY

Subwatershed: Saw Mill River		Outfall ID: AZ1 OF131	
Today's date: 4/17/2009		Time (Military): 1614	
Investigators: Gourevitch, Kuhn		Form completed by: Gourevitch, Jesse	
Temperature (°F): 60°F	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"	
Latitude: 41°00.584'N	Longitude: 73°51.016'W	GPS Unit:	GPS LMK #:
Camera: Nikon Coolpix		Photo #s: ✓	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other:
- Known Industries: Gas station

Notes (e.g., origin of outfall, if known): Almena Rd, NYS Thruway

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☒ Other: Concrete	☒ Circular ☐ Elliptical ☐ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 20"	In Water: ☒ No ☐ Partially ☐ Fully; With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☒ In-Stream	(applicable when collecting samples)				
Flow Present?	☒ Yes ☐ No	*If No, Skip to Section 5*			
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial				

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☒ Flow #1	Volume	150, 140, 150, 160, 130	~~Liter~~ mL	Bottle
	Time to fill	2.37, 2.28, 3.19, 3.75, 2.60	Sec	
☐ 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		52°	°F	Thermometer
pH		6.8	pH Units	Test strip/Probe
Ammonia		0	mg/L	Test strip

Ave rate = 0.84 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	NO ☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☒ 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 ☐	☐ 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)

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	NO ☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☒	☐ Excessive ☐ Inhibited	Heavy invasive vines
Poor pool quality	NO ☐	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	NO ☐	☐ Brown ☐ Orange ☐ Green ☐ 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		
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: ☒ OBM	☐ Caulk dam

1642 – time
collected 4/22/2009 4 PM
WRT = NEG
Rej = NEG 4/23/2009

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

NO

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SPDES ID: NYR20A316

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data — SUNNY

Subwatershed:	Saw Mill River	Outfall ID:	AZ19 OF162
Today's date:	4/24/2009	Time (Military):	1608
Investigators:	Gourevitch, Kuhn	Form completed by:	Gourevitch, Jesse
Temperature (°F):	52°F	Rainfall (in.): Last 24 hours: 0" Last 48 hours: 0"	
Latitude:	41°00.685'N	Longitude: 73° 50.720'W	GPS Unit: Garmin eTrex / GPS LMK #:
Camera:	Nikon Coolpix	Photo #s: ✓	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☑ Commercial
- ☑ Open Space
- ☐ Institutional
- Other: _____
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Inntown Motel, Restaurants, Macy Park

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☑ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☑ Circular ☐ Elliptical ☐ Box ☐ Other: / ☑ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 36"	In Water: ☒ No ☐ Partially ☐ Fully; With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)			
Flow Present?	☐ Yes ☒ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial			

Section 3: Quantitative Characterization — NO FLOW

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ 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

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only — NO FLOW

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	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ 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	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ 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)

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	NO ☐	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	NO ☐	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	NO ☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ N/A	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	NO ☐	☐ Brown ☐ Orange ☐ Green ☐ 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	
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

No

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data — SUNNY

Subwatershed:	SPRAIN BROOK	Outfall ID:	AZ47 OF120
Today's date:	6/12/2009	Time (Military):	1610
Investigators:	GOUREVITCH, KUHN	Form completed by:	Gourevitch, Jesse
Temperature (°F):	71°	Rainfall (in.): Last 24 hours: 0.36" Last 48 hours: 0.42"	
Latitude:	34°28.916'N	Longitude: 73°01.980'W	GPS Unit: Garmin eTrex / GPS LMK #:
Camera:	Nikon Coolpix	Photo #s: ✓	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☑ Institutional
- Other: ARDSLEY HIGH SCHOOL
- Known Industries: _____

Notes (e.g., origin of outfall, if known): Heatherdell Rd

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☐ CMP ☒ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other: / ☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully; With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)			
Flow Present?	☐ Yes ☒ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ 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)

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	☐	☐ 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	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ 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)

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	☐ NO	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☒	☐ Oily ☐ Flow Line ☐ Paint ☒ Other:	orangy - brown stain
Abnormal Vegetation	☐ NO	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ N/A	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐ NO	☐ Brown ☐ Orange ☐ Green ☐ 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	
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

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2010

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

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed:	Saw Mill River	Outfall ID:	AZ 12
Today's date:	11/6/2009	Time (Military):	1448
Investigators:	Kunin, Gourevitch	Form completed by:	Gourevitch, Jesse
Temperature (°F):	42°	Rainfall(in.): Last 24 hours:	Last 48 hours: 0.08
Latitude:	41°00.779' N	Longitude:	073°50.861'W
GPS Unit:	Garmin eTrex	GPS LMK #:	
Camera:	Nikon Coolpix	Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: ____
- Known Industries: Laundromat, Coffee Shop, Pet Shop

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: ____	☒ Circular ☐ Elliptical ☐ Box ☐ Other: ____ / ☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 36"	In Water: ☐ No ☒ Partially ☐ Fully; With Sediment: ☐ No ☒ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____	Depth: ____ Top Width: ____ Bottom Width: ____	
☒ In-Stream	(applicable when collecting samples)			
Flow Present?	☒ Yes ☐ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☒ Flow #2	Flow depth	1 in	In	Tape measure
	Flow width	___' 11"	Ft, In	Tape measure
	Measured length	___' 18"	Ft, In	Tape measure
	Time of travel	1.48, 1.53, 1.34, 1.31, 1.39	S	Stop watch
Temperature		42°	°F	Thermometer
pH		6.4	pH Units	Test strip/Probe
Ammonia		0	mg/L	Test strip

Ave rate = 36.47 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	☐ No	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 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!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☒ Other: Slight Foam	☐ 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)

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	☐ No	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☒	☐ Oily ☐ Flow Line ☐ Paint ☒ Other: Rust	Slight brownish stain
Abnormal Vegetation	☐ No	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ No	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐ No	☐ Brown ☐ Orange ☐ Green ☐ 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		
3. Intermittent flow trap set?	☒ Yes	☐ No	If Yes, type: ☒ OBM	☐ Caulk dam

Time: 1459

Collect = 11/10/2009 4:59pm

Wet : NEG

Dry : NEG 11/12/2009

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

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed:	Saw Mill River	Outfall ID:	AZ 48
Today's date:	11/20/2009	Time (Military):	1429
Investigators:	Kunin, Gourevitch	Form completed by:	Gourevitch, Jesse
Temperature (°F):	57°	Rainfall(in.): Last 24 hours:	0.79" Last 48 hours: 0.32"
Latitude:	41°00.056' N	Longitude:	073°50.473'W
GPS Unit:	Garmin eTrex	GPS LMK #:	
Camera:	Nikon Coolpix	Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☒ Suburban Residential
- ☐ Commercial
- ☒ Open Space
- ☒ Institutional
- Other: Concord Road School
- Known Industries: ____

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other: ____	☒ Circular ☐ Elliptical ☐ Box ☐ Other: ____ / ☒ Single ☐ Double ☐ Triple ☐ Other: ____	Diameter/Dimensions: 15"	In Water: ☒ No ☐ Partially ☐ Fully; With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other: ____	☐ Trapezoid ☐ Parabolic ☐ Other: ____	Depth: ____ Top Width: ____ Bottom Width: ____	
☐ In-Stream	(applicable when collecting samples)			
Flow Present?	☐ Yes ☒ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ 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)*

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ 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	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!	☐	☐ 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)

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	☐ No	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☒	☐ Oily ☐ Flow Line ☐ Paint ☒ Other: See comment	Slight brownish stain
Abnormal Vegetation	☐ No	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ No	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐ No	☐ Brown ☐ Orange ☐ Green ☐ 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		
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

MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2010

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

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

SUNNY

Section 1: Background Data

Subwatershed:	SAW MILL RIVER	Outfall ID:	AZ 50
Today's date:	11/20/2009	Time (Military):	1427
Investigators:	KUHN, GOUREVITCH	Form completed by:	Gourevitch, Jesse
Temperature (°F):	59°	Rainfall (in.): Last 24 hours: 0.29" Last 48 hours:	0.32"
Latitude:	41°01.066'N	Longitude: 073°50.933'W	GPS Unit: Garmin eTrex GPS LMK #:
Camera:	Nikon Coolpix		Photo #s:

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☑ Open Space
- ☑ Institutional — Other: Concord Road School
- Known Industries:

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☑ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☑ Circular ☐ Elliptical ☐ Box ☐ Other: ☑ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 31"	In Water: ☑ No ☐ Partially ☐ Fully; With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)			
Flow Present?	☐ Yes ☒ No (wet)	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ 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		6.2	pH Units	Test strip/Probe
Ammonia		0	mg/L	Test strip

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

CLOUDY/SNOW

Section 1: Background Data

Subwatershed:	SAW MILL RIVER	Outfall ID:	AZ 25
Today's date:	1/10/2010	Time (Military):	1437
Investigators:	GOUREVITCH, KUHN	Form completed by:	Gourevitch, Jesse
Temperature (°F):	29°F	Rainfall (in.): Last 24 hours: 0.02" Last 48 hours:	0"
Latitude:	41°01.167'N	Longitude: 073°50.624'W	GPS Unit: GPS LMK #:
Camera:	Nikon Coolpix		Photo #s:

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☑ Open Space
- ☐ Institutional — Other: STRIP MALL, ANIMAL HOSPITAL
- Known Industries: RESTAURANTS, DRY CLEANERS

Notes (e.g., origin of outfall, if known):

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☑ Other: Metal Culvert	☑ Circular ☐ Elliptical ☐ Box ☐ Other: ☑ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 18"	In Water: ☐ No ☐ Partially ☐ Fully; With Sediment: ☑ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)			
Flow Present?	☑ Yes ☐ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☑ Moderate ☐ Substantial			

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☒ Flow #2	Flow depth	3"	In	Tape measure
	Flow width	1' 4"	Ft, In	Tape measure
	Measured length	1' 0"	Ft, In	Tape measure
	Time of travel	7.50, 6.63, 6.07, 7.25, 7.60	S	Stop watch
Temperature		39°F	°F	Thermometer
pH		6.4	pH Units	Test strip/Probe
Ammonia		0	mg/L	Test strip

Ave rate = 16.09 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	☐ No	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ 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	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ 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)

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	☐ No	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐	☐ Oily ☐ Flow Line ☐ Paint ☒ Other: Grey concrete	Straight brownish stain - water flow not flowing
Abnormal Vegetation	☐ No	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ No	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other	
Pipe benthic growth	☐ No	☐ Brown ☐ Orange ☐ Green ☐ 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
3. Intermittent flow trap set?	☒ Yes	☐ No If Yes, type: ☐ OBM ☐ Caulk dam

Time: 1438

collect 11/24/2009 RPM

Slightly Stagnant wet = NEG dry = NEG 12/8/2009

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

No

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	☐ No	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☒	☐ 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	☒	See severity	☒ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 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; indications of origin (e.g., possible suds or oil sheen)	☐ 3 – Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

Stain Surface colors, but does not form wp

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	☐ No	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐ No	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐ No	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ No	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other	
Pipe benthic growth	☐ No	☐ Brown ☐ Orange ☐ Green ☐ 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
3. Intermittent flow trap set?	☒ Yes	☐ No If Yes, type: ☒ OBM ☐ Caulk dam

Time: 1450

Collected = 1/15/2010 4 PM

wet = NEG

1/24/2010 dry = NEG

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, 2010

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

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed:	Sprain Brook / Bx River	Outfall ID:	AZ 37
Today's date:	1/22/2010	Time (Military):	1440
Investigators:	Gourevitch, Kuhn	Form completed by:	Gourevitch, Jesse
Temperature (°F):	39° F	Rainfall(in.): Last 24 hours:	0" Last 48 hours: 0"
Latitude:	41°00.496'N	Longitude: 073°50.217'W	GPS Unit: Garmin etrex GPS LMK #:
Camera:	Nikon Coolpix	Photo #s:	

Land Use in Drainage Area (Check all that apply):

☐ Industrial ☑ Open Space
☐ Ultra-Urban Residential ☐ Institutional
☑ Suburban Residential Other:
☐ Commercial Known Industries: none

Notes (e.g., origin of outfall, if known): Abington Rd creek

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☒ Circular ☐ Elliptical ☐ Box ☐ Other: ☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: 18"	In Water: ☒ No ☐ Partially ☐ Fully; With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:	Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)			
Flow Present?	☐ Yes ☒ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial			

Section 3: Quantitative Characterization (NO FLOW)

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ 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 (NO FLOW)

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	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ 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	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!!	☐	☐ 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)

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	☐ NO	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐ NO	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐ NO	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ N/A	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐ NO	☐ Brown ☐ Orange ☐ Green ☐ 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
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

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data SUNNY

Subwatershed:	Saw Mill River	Outfall ID:	AZS OF68
Today's date:	1/29/2010	Time (Military):	1521
Investigators:	Gourevitch, Kuhn	Form completed by:	Gourevitch, Jesse
Temperature (°F):	15°	Rainfall(in.): Last 24 hours:	0" Last 48 hours: 0"
Latitude:	41°00.549'N	Longitude: 073° 51.016'W	GPS Unit: Garmin etrex GPS LMK #:
Camera:	Nikon Coolpix	Photo #s:	

Land Use in Drainage Area (Check all that apply):

☐ Industrial ☐ Open Space
☐ Ultra-Urban Residential ☐ Institutional
☐ Suburban Residential Other: Car Wash, Bakery, Medical Offices
☒ Commercial Known Industries: Auto Body, Gas Station

Notes (e.g., origin of outfall, if known): Bramble Brook

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☐ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☐ Circular ☐ Elliptical ☐ Box ☐ Other: ☐ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions:	In Water: ☐ No ☐ Partially ☐ Fully; With Sediment: ☐ No ☐ Partially ☐ Fully
☒ Open drainage	☐ Concrete ☐ Earthen ☒ rip-rap ☐ Other:	☒ Trapezoid ☐ Parabolic ☐ Other:	Depth: 6" Top Width: 42" Bottom Width: 42"	
☒ In-Stream	(applicable when collecting samples)			
Flow Present?	☒ Yes ☐ No	If No, Skip to Section 5		
Flow Description (If present)	☐ Trickle ☒ Moderate ☐ Substantial	Intermittent Flow → likely sump pump discharge		

Section 3: Quantitative Characterization

FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☒ Flow #2	Flow depth	6"	In	Tape measure
	Flow width	0' 22"	Ft, In	Tape measure
	Measured length	0' 18"	Ft, In	Tape measure
	Time of travel	8.49, 10.88, 9.59, 10.98, & 11.97	S	Stop watch
Temperature		31°	°F	Thermometer
pH		6.2	pH Units	Test strip/Probe
Ammonia		0	mg/L	Test strip

Ave rate = 59.55 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	☐ NO	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☒	☒ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other: faint tea color	☐ 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!!	☒	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☐ Other: Foam	☐ 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)

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	☒	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion (pipe, rock)	
Deposits/Stains	☒	☒ Oily ☐ Flow Line ☐ Paint ☐ Other:	Trace oily some white solids
Abnormal Vegetation	☒	☒ Excessive ☐ Inhibited	
Poor pool quality	☒	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☒ Other:	Murky
Pipe benthic growth	☐ NO	☐ Brown ☐ Orange ☐ Green ☐ 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
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

set: 1535
collected: 2/4/2010 2PM
wet = NEG
dry = NEG 2/5/2010

MS4 Annual Report Form

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Background Data

Subwatershed:	Saw Mill River	Outfall ID:	AZ23
Today's date:	2/5/2010	Time (Military):	1524
Investigators:	Gourevitch, Kahn	Form completed by:	Gourevitch, Jesse
Temperature (°F):	24° F	Rainfall (in.): Last 24 hours:	0" Last 48 hours: 0"
Latitude:	41° 01.114	Longitude:	73° 50.765
GPS Unit:	Garmin eTrex	GPS LMK #:	
Camera:	Nikon Coolpix	Photo #s:	

Land Use in Drainage Area (Check all that apply):

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☑ Open Space
- ☑ Institutional
- Other: Macy Park, Ave
- Known Industries: Restaurants, Dry Cleaners

Notes (e.g., origin of outfall, if known): Heatherhill Road

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
☒ Closed Pipe	☐ RCP ☒ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☐ Circular ☐ Eliptical ☒ Box ☐ Other:	☒ Single ☐ Double ☐ Triple ☐ Other:	Diameter/Dimensions: W=36" L=14"	In Water: ☒ No ☐ Partially ☐ Fully With Sediment: ☒ No ☐ Partially ☐ Fully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting samples)				
Flow Present?	☐ Yes ☒ No	If No, Skip to Section 5			
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial				

Section 3: Quantitative Characterization NO FLOW

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER		RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ 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 NO FLOW

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	☐	☐ Sewage ☐ Rancid/sour ☐ Petroleum/gas ☐ Sulfide ☐ Other:	☐ 1 – Faint	☐ 2 – Easily detected	☐ 3 – Noticeable from a distance
Color	☐	☐ 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	☐	See severity	☐ 1 – Slight cloudiness	☐ 2 – Cloudy	☐ 3 – Opaque
Floatables -Does Not Include Trash!	☐	☐ 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)

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	☐ NO	☐ Spalling, Cracking or Chipping ☐ Peeling Paint ☐ Corrosion	
Deposits/Stains	☐ NO	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	☐ NO	☐ Excessive ☐ Inhibited	
Poor pool quality	☐ N/A	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☐ NO	☐ Brown ☐ Orange ☐ Green ☐ 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	
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

MS4 Annual Report Form

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

Catch Basin Head Cleaning Routes: **A = Ashford Ave, H = Heatherdell Rd EV = Entire Village**		**Bulk Roadside Cleaning Route: Entire Village (litter and small brush)**	**Bulk Leaf Clean-up**	
ROUTES	**DATE**	**DATE**	**ROUTE**	**DATE**
A	4/6/09	4/7/09	Entire Village	5/15/09
H	4/7/09	4/20/09	Heatherdell upper	5/220/09
EV	5/4/09	4/28/09	Ashford upper	5/23/09
A	6/8/09	5/6/09	Ashford lower and Ashford Park	5/24/09
H	6/9/09	5/11/09	Legion Drive and Bramblebrook	12/1/09
EV	8/27/09	5/20/09	Heatherdell	12/2/09
H	9/15/09	5/26/09	Ridge Rd, Carriere and Fuller	12/16/09
A	9/21/09	6/3/09	Entire Village	12/18/09
A	10/8/09	6/5/09		
H	10/9/09	6/9/09		
EV	10/21/09	6/10/09		
EV	10/30/09	6/18/09		
EV	11/12/09	6/19/09		
A	11/13/09	6/25/09		
H	11/23/09	6/26/09		
A	11/24/09	9/24/09		
H	12/3/09	9/25/09		
A	12/4/09	10/6/09		
H	12/17/09	10/7/09		
A	12/18/09	10/22/09		
H	3/4/09	10/23/09		
EV	3/5/09	10/28/09		
		10/29/09		
		11/12/09		
		11/13/09		
		11/19/09		

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

Catch Basin Internal Clean-out

LOCATION	# of BASINS	DATE
Legion Drive (rear of Ambulance Building)	2	3/4/09
Felix and Carriere	3	4/6/09
Almena Ave	5	4/8/09
Bramblebrook Rd.	6	4/13/09
Lincoln and Larchmont	2	4/20/09
Eastern Dr.	2	4/29/09
Bramblebrook and Augustine	2	5/8/09
Heatherdell and Concord	2	5/26/09
Beacon Hill and Heatherdell	1	5/26/09
Concord Rd	3	6/9/09
Abington and Kensington	2	6/10/09
Heatherdell and Capt Honeywell	1	9/15/09
Park Ave	2	9/16/09
Park and Orlando	2	3/5/10

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

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
5/20/09	BD,AS,HS
6/3/09	BD,AN
6/17/09	BD,AS
7/1/09	BD,HS,HN
7/15/09	AN.AS
8/1/09	HN,HS
8/12/09	BD,AS,AN
8/26/09	BD,HN,HS
9/9/09	BD,AN.AS
9/23/09	HN,HS
10/7/09	BD,AS,AN
10/23/09	BD,HN,HS
11/4/09	BD,AS,AN
11/21/09	BD,HN
11/28/09	BD,HS,AN
12/2/09	BD,HN,AS

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

Road Repair

Location (st/cross st)	Material	Amount (tons)	Date of use
Heatherdell – Ridge - Legion	7 F Top	2	3/14/09
Heatherdell – Hillcroft – Beacon Hill		2	3/15/09
Northside Ashford		3	3/16/09
Northside Heatherdell		3	4/6/09
Ashford Park		3	4/6/09
Farm Rd - Exeter		3	4/11/09
Abington - Cross		3	4/11/09
Various pot holes		2	5/5/09
Various pot holes		3	6/17/09
Exeter - Cross		6	7/19/09
Lakeview - Bramblebrook		7	7/19/09
Eastern - Grandview		300	8/9/09
Grandview – Wilmoth – Mt View		200	8/9/09
Shady (north)		65	8/9/09
Heatherdell-Chimney Pot Turn		200	8/9/09
Heatherdell – Concord Rd. Turn		500	8/9/09
Various pot holes		2	9/9/09
Various pot holes		3	10/5/09
Ridge - Shady		65	10/20/09
Various curbing		2	10/21/09
Various curbing		3	10/27/09
Various curbing		2	11/7/09
Beacon Hill - Ridge		2	1`1/28/09
Bride St and lot		2	11/28/09
Various pot holes and curbing	EZ Street Cold Patch	15	3/4/10

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

Road Salt Application

Village (total) or Neighborhood (name)	Amount (tons)	Condition	Date applied
Village	15	6” snow	12/9/09
Village	4	Freezing Rain	12/13/09
Village	20	8” snow	12/19/09
Various ice patches	5	Snow Mop-Up	12/20/09
Various ice patches	3	Ice	12/28/09
Village	6	Ice	12/28/09
Village	5	Snow	12/31/09
Village	25	8” snow	1/8/10
Village	4	Snow	2/2/10
Village	40	Snow	2/10/10
Various ice patches	10	Ice and Snow	2/11/10
Village	20	6” snow	2/16/10
Various ice patches	3	Ice	2/17/10
Village	45	21” snow	2/25/10
Village	15	“ “ “	2/26/10
Village	20	“ “ “	2/27/10

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Packer	15	Transmission Coolant Line	3/17/09
Tractor	#1	Hydraulic Pump Leak	3/18/09
Tractor	#2	Change Fluid and Filters	3/19/09
Dump	1	Routine and Preventive Maintenance	3/20/09
Tractor	LL	Oil and Filters	3/21/09
Police	95	Change 2 Tires	3/24/09
Police	98	Routine and Preventive Maintenance	3/25/09
Packer	8	Hydraulic Leak	3/26/09
Pickup	10	Replace Transmission Fluid Line	3/27/09
Payloader	PL	Routine and Preventive Maintenance	3/30/09
Fire	2012	Routine and Preventive Maintenance	4/1/09
Packer	8	Repair Radiator Leak	4/3/09
Crown Vic	B.I.	Oil and filter, wash and lube	4/6/09
Police	94	4 Tires	4/7/09
Bus	Senior	Repair Fuel Leak	4/13/09
Packer	12	Fuel injector pump	4/15/09
Bus	Senior	2 Outside Rear Tires	4/20/09
Fire	2013	Replace all seals on A.C. Unit	4/27/09
Packer	12	Wash and grease	4/29/09
Dump	1	Wash and grease – new hydraulic hose	4/27/09
Crown Vic	94	Oil and filter – fluids – balance tires	4/28/09
Packer	15	Brake chamber – grease fittings	4/29/09
Crown Vic	95	Oil and filter – grease and lube	5/1/09
Crown Vic	94	Oil and filter – grease and lube	5/1/09
Crown Vic	98	Oil and filter – grease and lube	5/4/09
Crown Vic	96	Oil and filter – grease and lube	5/1/09
Highway	1	Wash and wax	5/9/09
Truck	14	Wash and wax	5/9/09

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Truck	12	Wash and wax	5/9/05
Highway	1	Change oil and undercoat chasis	5/10/09
Packer	8	Change oil and grease rear	5/12/09
Crown Vic	96	Fix leak in radiator	5/16/09
Payloader	P.L.	Check hydraulics and grease	5/17/09
Ladder Truck	Ladder	Check hydraulics and grease	5/17/09
Pick-up	10	Oil and filter, transmission fluid and filter	5/19/09
Pick-up	9	Pull and replace radiator, hoses and coolant	5/23/09
Fire	2012	Routine and Preventive	5/28/09
Packer	8	Replace oil pan due to corrosion	6/3/09
Packer	4	Oil, filter, hydraulic and lube	6/8/09
Packer	12	Oil, filter, hydraulic and lube	6/9/09
Pick-up	11	New transmission and coolant lines – replace all fluids and seals	6/13/05
Payloader	P.L.	Rebuild check valve, drain and flush all lines and add fluids	6/14/05
Pick-up	7	New brakes, tires and transmission lines	6/22/05
Crown Vic	95	Routine maintenance	6/24/05
Crown Vic	98	Routine maintenance	6/27/05
Senior Bus	S.B.	Routine maintenance	6/28/05
Crown Vic	96	Routine maintenance	6/28/05
Crown Vic	94	Routine maintenance	6/29/05
Dump	1	New exhaust system	6/30/05
Crown Vic	95	Routine maintenance	7/1/09
Crown Vic	93	Routine maintenance	7/1/09
Senior Bus	S.B.	Wash – routine check	7/6/09
Pick-up	6	Routine service – new brakes	7/6/09

MS4 Annual Report Form

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Pick-up	11	New fuel pump – injector feeder pump – air and hydraulic filter	7/6/09
Ladder Truck		NYS inspection	7/7/09
Crown Vic	B.I.	Routine maintenance	7/8/09
Crown Vic	93	Brakes, rotors	7/8/09
Highway	1	Routine service	7/14/09
Packer	14	Repair hydraulic hose	7/18/09
Pickup	10	Repair Fuel Leak	7/22/09
Packer	15	Repair AC compressor	7/27/09
Crown Vic	99	Replace serpentine belt and tensioner	7/28/09
Pick-up	9	Replace exhaust system	7/26/09
Packer	8	Repair diesel leak	7/27/09
Dodge Intrepid	Det	Install new alternator, idler pulley, AC belt and pulley, blower motor module, new battery terminal	8/1/09
Pick-up	11	Routine maintenance, new front and rear brakes, springs, hub seals, install new exhaust pipe	8/9/09
Ladder Truck	L.T.	Replace Two Batteries	8/10/09
Pickup	10	Replace Two Tires	8/17/09
Packer	12	Routine maintenance, change evaporator filter	8/19/09
Packer	8	Routine maintenance and grease	8/20/09
John Deere Tractor		Remove engine and steam clean, install new starter, 4 motor mounts and belts, replace motor and paint engine assembly	8?29/09
Pick-up	6	Wash and grease	9/3/09
Pick-up	7	Wash and grease	9/3/09
Pick-up	9	Wash and grease	9/3/09
Pick-up	11	Wash and grease	9/3/09
Packer	12	Install new hoses rear tailgate	9/4/09

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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Packer	12	Replace Transmission Fluid pan	9/8/09
Payloader		Install new serpentine V belt, grease entire machine, steam clean engine	9/12/09
Packer	8	Replace Four Rear Tires	9/13/09
Fire	2011	Routine and Preventive	9/16/09
Fire	2012	Replace 4 Tires	9/16/09
Police	94	Oil and filter change	9/21/09
Pick-up	9	Remove old body – steam clean, derust and prime entire chassis	9/19/09
Pickup	6	Replace Fuel Lines	9/20/09
Pick-up	7	Routine maintenance	9/28/09
Packer	8	Replace 2 Batteries	9/30/09
Pickup	9	Replace Brake Fluid Lines	10/5/09
Dump	5	Install new lines to body and repair control box leak	10/7/09
Ladder Truck		Routine maintenance	10/12/09
Packer	12	Replace hydraulic hoses and fluid, steam clean entire truck	10/12/09
Crown Vic	95	Routine maintenance	10/12/09
Pick-up	9	Routine maintenance	10/12/09
Packer	14	Repair hydraulic leak	10/24/09
Senior Bus		Routine maintenance	10/27/05
Pick-up	11	Replace thermostats and antifreeze	11/2/05
Crown Vic	94	Replace 4 Tires	11/3/09
Packer	4	Grease entire truck, replace steering box pressure hose	11/4/09
Packer	5	Replace hydraulic hose and fluid	11/4/09
Packer	8	Wash and grease	11/10/09

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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Packer	12	Wash and grease	11/10/09
Packer	14	Wash and grease	11/10/09
Packer	15	Wash and grease	11/10/09
Dodge Intrepid	Det.	Routine maintenance, install 2 new lower rotor arms and ball joints	11/18/09
Highway	1	Routine maintenance, undercoat chassis	11/23/09
Pick-up	7	Repair transmission fluid line and adjust transmission, grease and lube	11/28/09
Pick-up	16	Repair Hydraulic hose for Plow	12/9/09
Pick-up	11	Routine maintenance, new front and rear brakes	12/11/09
All Snow Vehicles	1-10	Wash Down all Plows and Sanders	12/13/09
Plows and Spreaders	1-10	Steam clean, grease and lube	12/15/09
Crown Vic	98	Routine maintenance	12/21/09
Pick-up	10	Change transmission oil and filter, install new governor and transducer	12/21/09
Fire	2013	Routine and Preventive Maintenance	12/18/09
All Snow Vehicles	11	Wash Down all Plows and Sanders	12/21/09
Crown Vic	Chief	Routine maintenance, resurface rear rotors	12/22/09
Dump	3	Install new power steering hose and fill with hydraulic fluid	12/28/09
	6	Wash and grease	12/28/09
Pick-up	9	Wash and grease	12/28/09
Pick-up	10	Wash and grease	12/28/09
Pick-up	11	Wash and grease	12/28/09
Dump	1	Wash and grease	12/28/09

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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Dump	2	Wash and grease	12/28/09
Dump	3	Wash and grease	12/28/09
Payloader		Wash and grease	12/28/09
Packer	14	Grease and lube entire rig	12/31/09
Crown Vic	98	Remove and repair exhaust manifold – resurface front brake rotors	1/4/10
All Snow Vehicles	8	Wash and Lube all Plows and Sanders	1/4/10
Packer	12	Install new alcohol evaporator for air brakes	1/5/10
Packer	8	Install new alcohol evaporator for air brakes	1/5/10
Crown Vic	B.I.	Routine maintenance and tune up	1/6/10
Pick-up	7	Replace R. Front Tire	1/11/10
All Snow Vehicles	1-10	Grease3 and Lube all fittings	1/12/10
Dump	2	Steam clean entire rig, remove rear left axel shaft, replace axel and 90W oil	1/13/10
Pick-up	9	Install new water pump, change engine coolant	1/16/10
Pick-up	10	2 new belts hydraulic pump	1/15/10
Fire	2013	Front Brakes and Oil Change	1/15/10
Packer	14	Adjust rear brakes and install, wash, grease and lube	1/18/10
Packer	15	Wash, grease and lube	1/18/10
Packer	12	Replace 8 Tires	1/27/10
Dump	5	Install new chain and piston on plow assembly	1/28/10
Crown Vic	95	Routine maintenance and road test	1/29/10
Payloader		Grease and lube all fittings	2/1/10
Pick-up	6	Wash and grease	2/1/10
Pick-up	9	Wash and grease	2/1/10

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Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Pick-up	10	Wash and grease	2/1/10
Pick-up	11	Wash and grease	2/1/10
Dump	1	Wash and grease	2/1/10
Dump	2	Wash and grease	2/1/10
Dump	3	Wash and grease	2/1/10
Dump	5	Wash and grease	2/1/10
Packer	8	Routine maintenance, grease and lube	2/2/10
Packer	15	Steam clean	2/5/10
Packer	14	Steam Clean and Lube	2/8/10
Dump	1	Steam clean and remove chain and belts from spreader	2/8/10
Packer	8	Routine and Preventive Maint., Replace brake chambers	2/10/10
Pickup	6	Replace Hydraulic Hose-Plow	2/10/10
Pickup	7	Replace Hydraulic Hose-Sander	2/10/10
Payloader	PL	Replace 2 Hydraulic Hoses-Bucket	2/10/10
Pickup	10	Replace Hydraulic Pump and Feeder Lines	2/18/10
All Snow Vehicles	1-10	Tune-up all plows,sanders and hydraulic pumps and fittings on all snow fighting equipment	2/19/10
Packer	8	Routine and preventive, change rear brake chambers	2/22/10
All Snow Vehicles	1-11	Steam Clean and lube all snow equipment	3/1/10
Senior Bus	SB	Replace rear Brakes and 2 Tires	3/8/10
Payloader	PL	Replace hydraulic line for Clam Assembly	3/9/10

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Incident Report

Location (st/cross st)	Description (water main, sewage)	Date incident	Repair (DPW or other)	Date repaired
Rte 9A – Lilac Florist	Sewer Blockage	3/19/09	Greenburgh	3/19/10
4 Cross Rd	Sewer Blockage	3/31/09	Greenburgh	3/31/09
694 Saw Mill River Rd	Sewer Blockage	3/31/09	Greenburgh	3/31/09
694 Saw Mill River Rd	Sewer Blockage	3/31/09	Greenburgh	3/31/09
Prospect - Larchmont	Blocked Storm Drain	4/20/09	Bucci Excavators	4/20/09
31 Hilltop	Sewer Blockage	4/22/09	Bucci Excavators	4/22/09
4 Western	Sewer Blockage	4/22/09	Ardsley DPW	4/22/09
Fairmont (off Lincoln)	Sewer Blockage	5/1/09	Greenburgh	5/1/09
4 Western	Sewer Blockage	5/27/09	Ardsley DPW	5/27/09
27 Bonaventure	Sewer Blockage	6/15/09	Greenburgh	6/11/09
102 Ridge	Water Line Break	7/14/09	Ardsley DPW	7/15/09
4 Western	Sewer Blockage	9/21/09	Ardsley DPW	9/20/09
Heatherdell – Maj. Appleby	Sewer Blockage	10/12/09	Greenburgh	10/12/09
Hilltop (dead end)	Sewer Blockage	11/10/09	Greenburgh	11/12/09
4 Western	Sewer Blockage	11/17/05	Ardsley DPW	11/17/09
Springwood - Riverview	Water Tower Leak	2/19/10	United Water	2/19/10