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

Appendix

Page	Item
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

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

Ardsley Village Newsletters

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Literature and Item Distribution Log (3/2012 to 3/2013)

Item	Village Hall	Library	Comm. Center	Eco Car Wash	AHS Env Sci Club	Enviro-scape Program	Great Saw Mill River Cleanup	Ardsley Day	SD Mapping Team	Outfall Testing 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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Item	Village Hall	Library	Comm. Center	Eco Car Wash	AHS Env Sci Club	Enviro-scape Program	Great Saw Mill River Cleanup	Ardsley Day	SD Mapping Team	Outfall Testing 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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FRIDAY, JUNE 8, 2012 THE RIVERTOWNS ENTERPRISE — PAGE 9

State to supply high-priced pump to help curb flooding

By Eric Lebowitz

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 Lindsay 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 Lindsay 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, Lindsay 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.

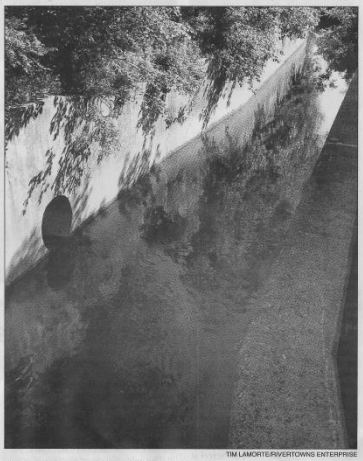
"They believe it's because of an old bridge that is on the other side of the wall there," Lindsay said. "They have to decide what they want to do with that. We can't fix the hole in the Square until they fix that problem."

The U.S. Army Corps of Engineers did take a look at the hole last November, but Calvi, Thompson, and Lindsay 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 these 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."



TIM LAMORTE/RIVERTOWNS ENTERPRISE

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

The Rivertowns Enterprise 6/8/2012

Village of Ardsley

Mayor
PETER R. PORCINO

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

507 Ashford Avenue
Ardsley, New York 10502
(914) 693-1550
Fax (914) 693-3705
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

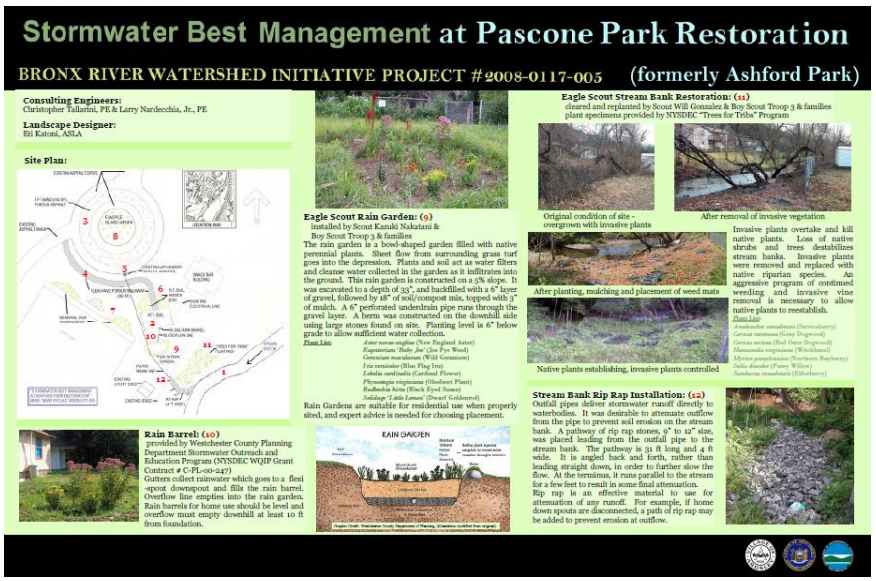
Yes, you read that right: Paper recycling will now be scheduled every Wednesday and commingled glass, metal and plastic will be picked up every Thursday. Friday will be an extra garbage pick-up day for the entire Village.

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

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



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Scout Clean up 4/22/2012

Ardsley Cares Clean up 10/27/2012

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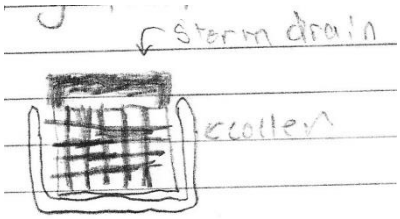

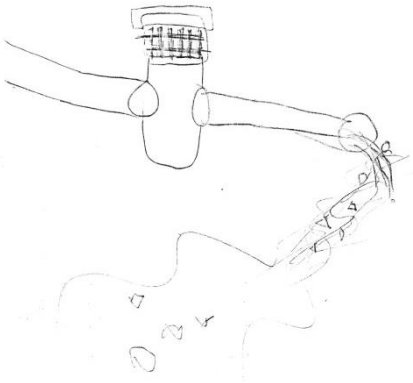

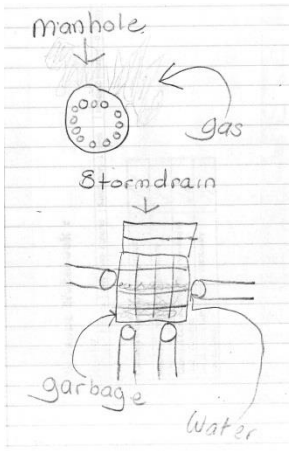

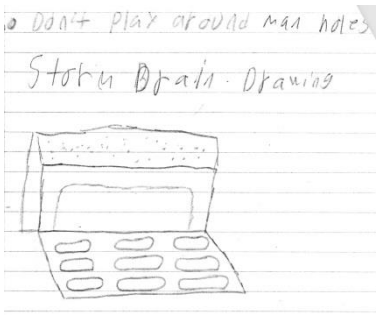

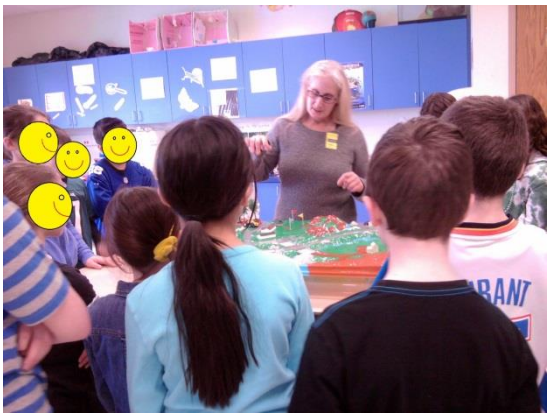

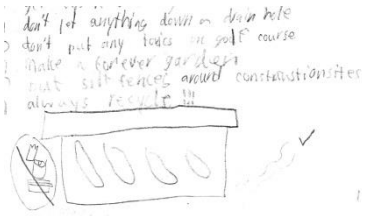

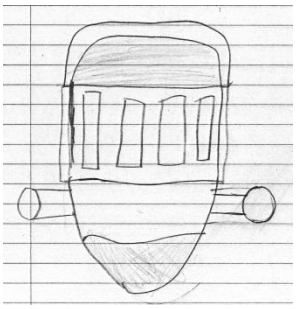

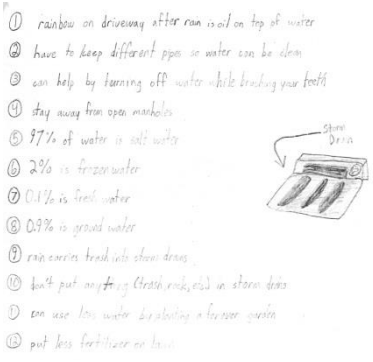

Concord Road Elementary School 4th Grade Science Class
Enviroscape Program 2012

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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: Spain Brook		Outfall ID: OF 183	
Today's date: 3/12/2012		Time (Military): 2:30 PM	
Investigators: Cheung, Kuhn		Form completed by:	
Temperature (°F): 41°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"	
Latitude: N 41° 00.190	Longitude: W 73° 50.160	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: AMS ; Pascone Park
- Known Industries: Snack Bar

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: 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	(wet but not flowing	
Flow Description (If present)	☐ Trickle ☐ Moderate ☐ Substantial	N/A		

Section 3: Quantitative Characterization

PARAMETER		FIELD DATA FOR FLOWING OUTFALLS 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) (standing water)

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 standing water	☐ 3 – Clearly visible in outfall flow
Turbidity	☐ N/A	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:	orange stain
Abnormal Vegetation	☑	☑ Excessive ☐ Inhibited	Heavy invasive growth
Poor pool quality	☑	☐ Odors ☐ Colors ☐ Floatables ☑ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☑	☐ Brown ☐ Orange ☐ Green ☐ Other:	roots coming thru chamber pan

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

Subwatershed: Saw Mill River		Outfall ID: A26 (OF 07)	
Today's date: 5/7/2012		Time (Military): 2:30	
Investigators: Cheung, Kuhn		Form completed by:	
Temperature (°F): 62°	Rainfall (in.): Last 24 hours: 0.0"	Last 48 hours: 0.0"	
Latitude: 41°00'00"	Longitude: 73°50.743	GPS Unit: Garmin eTrex	GPS LMK #: N/A
Camera: Nikon Coolpix		Photo #s: N/A	

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

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☐ Suburban Residential
- ☑ Commercial
- ☐ Open Space
- ☐ Institutional
- Other: Restaurant, Bakery, Auto body
- Known Industries: Medical Building

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: 53"	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

PARAMETER		FIELD DATA FOR FLOWING OUTFALLS RESULT	UNIT	EQUIPMENT
☐ Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
☐ Flow #2	Flow depth	3"	In	Tape measure
	Flow width	___' 22"	Ft, In	Tape measure
	Measured length	___' 18"	Ft, In	Tape measure
	Time of travel	27s, 32s, 29s, 28s, 30s	S	Stop watch
Temperature		56	°F	Thermometer
pH		7.2	pH Units	Test strip/Probe
Ammonia		0	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	☐ 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!!	☑	☐ 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	☑	☐ Oily ☐ Flow Line ☐ Paint ☐ Other: rust	
Abnormal Vegetation	☑	☐ Excessive ☐ Inhibited	some invasive
Poor pool quality	☑	☐ Odors ☐ Colors ☑ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	garbage
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: N/A	☐ Flow	☐ Pool	
3. Intermittent flow trap set?	☑ Yes	☐ No	If Yes, type: ☑ OBM ☐ Caulk dam

2:52 PM collected 5/11/2012 3PM WET = Neg 5/14/2012 DRY =

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

Subwatershed:	Sprain Brook	Outfall ID:	AZ 44
Today's date:	6/14/2012	Time (Military):	2:10 PM
Investigators:	Cheung, Kuhn	Form completed by:	
Temperature (°F):		Rainfall (in.): Last 24 hours: 0.49"	Last 48 hours: 1.18"
Latitude: 41°00.251	Longitude: 73°50.143	GPS Unit:	GPS LMK #:
Camera:		Photo #s:	

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

- ☐ Industrial
- ☐ Ultra-Urban Residential
- ☑ Suburban Residential
- ☐ Commercial
- ☐ Open Space
- ☐ Institutional — Other: Landscape Nursery
- Construction site
- Known Industries: Greenwich DPW

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

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☐ RCP ☐ CMP ☐ PVC ☐ HDPE ☑ Steel (corr) ☐ Other:	☐ Circular ☑ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other:	Diameter/Dimensions: 18"	In Water: ☐ No ☐ Partially ☐ Fully; With Sediment: ☐ No ☑ Partially ☐ Fully (in pipe)
☐ 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	340 335 350 345 330	Liter mL	Bottle
	Time to fill	1:04 1:07 1:13 1:09 1:21	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		58	°F	Thermometer
pH		7.0	pH Units	Test strip/Probe
Ammonia		0	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	☐ 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:	rust, sludge
Abnormal Vegetation	☑	☐ Excessive ☐ Inhibited	moss
Poor pool quality	☐ NO	☐ Odors ☐ Colors ☐ Floatables ☐ Oil Sheen ☐ Suds ☐ Excessive Algae ☐ Other:	
Pipe benthic growth	☑	☐ Brown ☐ Orange ☑ Green ☐ Other:	Slight moss

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 ☐ Caulk dam 2:34 PM

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

saw creek in stream collected 6/18/2012 4PM

Wet = NEG

dry = NEG 9/20/2012

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data

Subwatershed:	Saw Mill River	Outfall ID:	AZ 30 SUNNY
Today's date:	9/7/2012	Time (Military):	12:39 PM
Investigators:	Kuhn	Form completed by:	
Temperature (°F):	76°	Rainfall (in.): Last 24 hours: 0.01"	Last 48 hours: 0.01"
Latitude: 41 00 0.758	Longitude: 73 50 0.656	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 Public Library
- Known Industries:

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

Section 2: Outfall Description

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	☑ RCP ☐ CMP ☐ PVC ☐ HDPE ☐ Steel ☐ Other:	☐ Circular ☑ Single ☐ Elliptical ☐ Double ☐ Box ☐ Triple ☐ Other: ☐ Other:	Diameter/Dimensions: 48"	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	0.5"	In	Tape measure
	Flow width	1' 8"	Ft, In	Tape measure
	Measured length	2' 0"	Ft, In	Tape measure
	Time of travel	1.78, 1.97, 2.35, 2.06, 1.85 (1.68)	S 1.97	Stop watch
Temperature		68°	°F	Thermometer
pH		7.2	pH Units	Test strip/Probe
Ammonia		0	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	☐ 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!	☐	☐ Sewage (Toilet Paper, etc.) ☐ Suds ☐ Petroleum (oil sheen) ☑ Other: Plastic bags	☑ 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	☐ 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 N/A	
3. Intermittent flow trap set?	☑ Yes	☐ No	If Yes, type: ☑ OBM ☐ Caulk dam 12:55 PM Collect

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

9/10/2012 1:20PM

WET = Neg

DRY = NEG 9/11/2012

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

Outfall Reconnaissance Inventory/ Sample Collection Field Sheet

Section 1: Background Data — SUNNY

Subwatershed: Sprain Brook	Outfall ID: AZ31
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 01 118	Longitude: 73 49 973
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: AHS
- Known Industries: (Geese gathered on adj. property)

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

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: 24"	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 — EAST SIDE → NO FLOW, ORANGE DEPOSIT

WEST PIPE — FIELD DATA FOR FLOWING OUTFALLS

PARAMETER		RESULT	UNIT	EQUIPMENT
☑ Flow #1	Volume	200 150 200 175 175 150	Liter	200 Bottle
	Time to fill	3.00 2.81 2.97 3.32 2.66 2.84	Sec	3.15
☐ 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		68°	°F	Thermometer
pH		6.6	pH Units	Test strip/Probe
Ammonia		0.5 (Geese)	mg/L	Test strip

Ave rate = 0.96 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:	orange deposit (East pipe)
Abnormal Vegetation	☐	☐ Excessive ☐ Inhibited	
Poor pool quality	☑	☐ 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 — Geese!

NO TOILET PAPER IN SDA, NO SMELL, FEEDING FROM ADJCTA

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)? NO

Subwatershed: Sprain Brook	Outfall ID: AZ40
Today's date: 9/20/2012	Time (Military): 5:30 PM
Investigators: Kuhn	Form completed by:
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 #s:

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

- Industrial
- Ultra-Urban Residential
- x Suburban Residential
- Commercial
- Open Space
- x Institutional — Other: OLPH School
- Known Industries: ____

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

LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
x Closed Pipe	x RCP CMP PVC HDPE Steel Other:	x Circular Eliptical Box Other: x Single Double Triple Other:	Diameter/Dimensions: 18"	In Water: No x Partially Fully; With Sediment: No x 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 no (wet no flow, storm drain dry) *If No, Skip*			
Flow Description (If present)	Trickle Moderate Substantial			

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		Ave rate =	Sec	

Temperature		°F
pH		pH Units
Ammonia		mg/L

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 Sulfide Other:	1 – Faint	2 – Easily detected	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	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

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 Pai nt Corrosion	
Deposits/Stains	no	Oily Flow Line Paint Other:	
Abnormal Vegetation		Excessive yes Inhibited	invasive vines
Poor pool quality	No	Odors Colors Floatables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth	no	Brown Orange Green Other:	

Overall Outfall Characterization

Unlikely x 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 no	
2.	If yes, collected from:	Flow	Pool	
3.	Intermittent flow trap set?	Yes	No 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: NYR20A316

Subwatershed: Saw Mill River		Outfall ID: AZ3	
Today's date: 10 22 2012		Time (Military):	
Investigators: 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):
Industrial; Open Space; Ultra-Urban Residential; Institutional; Suburban Residential; Other: ____; x Commercial; Known Industries: Auto Body Shop

Notes (e.g., origin of outfall, if known): Route 9A

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
x Closed Pipe	RCP, CMP, PVC, HDPE, Steel, x Other: Iron	x Circular, Elliptical, Box, Other:	x Single, Double, Triple, Other:	Diameter/Dimensions: 12"	In Water: x No, Partially, Fully; With Sediment: x 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 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

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, 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!!	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

Are physical indicators that are not related to flow present? Yes. XNo *(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:	

Overall Outfall Characterization

xUnlikely 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	If Yes, type:	OBM	Caulk dam

Section 8: Any Non-Illicit Discharge Concerns no (e.g., trash)

Subwatershed: Saw Mill River		Outfall ID: AZ37	
Today's date: 11/12/2012		Time (Military): 11:43AM	
Investigators: 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):
Industrial; Open Space; Ultra-Urban Residential; Institutional; Suburban Residential; Other: Office building, gas station, motel; x Commercial; Known Industries: ____

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

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
x Closed Pipe	x RCP, CMP, PVC, HDPE, Steel, Other: ____	x Circular, Elliptical, Box, Other:	xSingle, Double, Triple, Other:	Diameter/Dimensions: 15"	In Water: No, Partially, x Fully; With Sediment: No, x 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 x No	*If No, Skip to Section 5*			
Flow Description (If present)	Trickle xModerate Substantial				

FIELD DATA FOR FLOWING OUTFALLSw

PARAMETER		RESULT	UNIT
Flow #1	Volume		Liter
	Time to fill		Sec
Flow #2 x	Flow depth	2"	In
	Flow width	0 ' 8 "	Ft, In
	Measured length	2 ' 0 "	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

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, Sulfide, Other:	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		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

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	Obscured by leaves	Spalling, Cracking or Chipping, Peeling, Paint, Corrosion	
Deposits/Stains	Green Algae	Oily, Flow Line, Paint, Other:	
Abnormal Vegetation	none	Excessive, Inhibited	
Poor pool quality	no	Odors, Colors, Floatables, Oil Sheen, Suds, 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

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: Cheung, Kuhn		Form completed by:	
Temperature (°F): 43	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"	
Latitude:	Longitude:	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	

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

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 PVC HDPE Steel Other: ____	Circular Eliptical Box Other:	xSingle Double Triple Other:	Diameter/Dimensions: 48"	In Water: x No Partially Fully With Sediment: X 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?	X Yes No	*If No, Skip to Section 5*			
Flow Description (If present)	Trickle x Moderate Substantial				

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 Sulfide Other:	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		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!!	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

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	slight invasive	Excessive Inhibited	
Poor pool quality	No	Odors Colors Floatables Oil Sheen Suds 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

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 Caulk dam

Collected 11/20/2012 3:45 PM

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

Wet: NEG Dry: NEG (11/25/2012)

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 #2	Flow depth		In
	Flow width	____' ____"	Ft, In
Measured length	____' ____"	Ft, In	Tape measure
Time of travel		S	Stop watch
		Ave rate = 0.97 gal/min	

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

Subwatershed: Saw Mill River		Outfall ID: AZ49	
Today's date: 11/26/2012		Time: 2:15 PM	
Investigators: Cheung, Kuhn		Form completed by:	
Temperature (°F): 46°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"	
Latitude: 41 01 053	Longitude: 73 50 432	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	

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

Industrial	Open Space
Ultra-Urban Residential	xInstitutional
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 PVC HDPE Steel Other:	xCircular Eliptical Box O t h e r :	x Single Double Triple O t h e r :	Diameter/Dimensions: 30"	In Water: X No Partially Fully With Sediment: X 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?	X Yes No	If No, Skip to Section 5			
Flow Description (If present)	Trickle x Moderate Substantial				

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	None	Sewage Rancid/sour Petroleum/gas Sulfide Other:	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color		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!!	Slight 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)

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	slightly orange	Oily Flow Line Paint Other:	
Abnormal Vegetation	None	Excessive Inhibited	
Poor pool quality	no	Odors Colors Floatables Oil Sheen Suds 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

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 Caulk dam

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

collected 11/28/2012 5:00 PM
Wet: NEG
Dry: NEG 12/2/2012

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 #2	Flow depth		In
	Flow width	' "	Ft, In
	Measured length	' "	Ft, In
	Time of travel		Sec
		Ave rate = 0.72 gal/min	

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: NYR20A316

Subwatershed: Sprain Brook		Outfall ID: AZ 46	
Today's date: 12/3/2012		Time: 2:15 PM	
Investigators: Cheung, Kuhn		Form completed by:	
Temperature (°F): 43°	Rainfall (in.): Last 24 hours: 0.09"	Last 48 hours: 0.09"	
Latitutde: 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): Industrial; Ultra-Urban Residential; xSuburban Residential; Commercial		Open Space; x Institutional; Other: Ardsley High School; Known Industries:	
Notes (e.g.., origin of outfall, if known): Abington creek			

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	x RCP CMP PVC HDPE Steel Other:	Circular Eliptical Box Other:	x Single Double Triple Other:	Diameter/Dimensions: 18"	In Water: x No Partially Fully; With Sediment: X 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 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	

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow? Yes x No

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

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	slightly cracked	Spalling x Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	None	Oily Flow Line Paint Other:	
Abnormal Vegetation	yes	Excessive x Inhibited	
Poor pool quality	yes brownish	Odors Colors Floatables Oil Sheen Suds Excessive Algae 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

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

Subwatershed: Saw Mill River		Outfall ID: AZ55	
Today's date: 12/10/2012		Time: 2:35	
Investigators: Cheung, Kuhn		Form completed by:	
Temperature (°F):	Rainfall (in.): Last 24 hours: 0.41"	Last 48 hours: 0.33"	
Latitutde: 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): Industrial; Ultra-Urban Residential; x Suburban Residential; Commercial		Open Space; Institutional; Other: NYS Thruway exit; Known Industries:	
Notes (e.g.., origin of outfall, if known): Ridge Rd, Almena Ave			

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	xRCP CMP PVC HDPE Steel Other:	xCircular Eliptical Box Other:	xSingle Double Triple Other:	Diameter/Dimensions: 12"	In Water: No x Partiall Fully; With Sediment: No x Partiall Fully
Open drainage	Concrete Earthen rip-rap Other:	Trapezoid Parabolic Other:		Depth: Top Width: Bottom Width:	
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,~~4.16~~, 4.06, 3.47,3.50, 5.65,	S
		Ave rate = 9.04 gal/min	

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow? x Yes No

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

Are physical indicators that are not related to flow present? x 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	black deposit	Oily Flow Line Paint Other:	
Abnormal Vegetation	yes	x Excessive Inhibited	
Poor pool quality	oil	Odors Colors Floatables Oil Sheen Suds Excessive Algae 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

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

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

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

Temperature	50	°F	
pH	6.7	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: NYR20A316

Subwatershed: Saw Mill River		Outfall ID: AZ 17	
Today's date: 12/17/2012		Time: 2:30 PM	
Investigators: Cheung, Kuhn		Form completed by:	
Temperature (°F): 41°	Rainfall (in.): Last 24 hours: 0.08"	Last 48 hours: 0.26"	
Latitutde: 41 00.812	Longitude: 73 50.756	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	

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

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	x RCP CMP PVC HDPE Steel Other:	Circular xEliptical Box Other:	xSingle Double Triple Other:	Diameter/Dimensions: 60"	In Water: No xPartially Fully With Sediment: x 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?	x Yes No	If No, Skip to Section 5			
Flow Description (If present)	Trickle Moderate x Substantial				

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

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 Sulfide Other:	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color	clear	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	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) 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 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	green plant growth	Excessive Inhibited x moderate	bright green "star-shaped" multifoliate leaved plants in stream
Poor pool quality	no	Odors Colors Floatables Oil Sheen Suds 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

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	If Yes, type: x OBM 2:50PM Caulk dam

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

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:	
Temperature (°F): 43°	Rainfall (in.): Last 24 hours: 0"	Last 48 hours: 0"	
Latitutude: 41 00.452	Longitude: 73 50.019	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	

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

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	x RCP CMP PVC HDPE Steel (corr) Other:	X Circular Eliptical Box Other:	X Single Double Triple Other:	Diameter/Dimensions: 10"	In Water: No x Partially Fully With Sediment: No X 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 x No (wet, but no flow)	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	

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 Sulfide Other:	1 – Faint	2 – Easily detected	3 – Noticeable from a distance
Color	Yes	Clear Brown Gray x Yellow Green Orange Red Other:	1 – Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity	yes	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; 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	Yes	Spalling x Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	yes	Oily Flow Line Paint x Other: muddy sediment	
Abnormal Vegetation	yes	x Excessive Inhibited	
Poor pool quality	yes	Odors Colors Floatables Oil Sheen Suds Excessive Algae x Other: decayed. Leaves	
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?	Yes	x No	If Yes, type: OBM Caulk dam

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

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: AZ 27	
Today's date: 03 04 2013		Time: 2:15 PM	
Investigators: Cheung, Kuhn		Form completed by:	
Temperature (°F): 32°	Rainfall (in.): Last 24 hours: 0" Last 48 hours: 0"		
Latitude: 41 01.229	Longitude: 73 50.637	GPS Unit: Garmin etrex	GPS LMK #:
Camera: Samsung Galaxy Note		Photo #s:	

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

Industrial — Open Space

Ultra-Urban Residential — Institutional

X Suburban Residential — Other:

X Commercial — Known Industries: Dry Cleaners, Restaurant

Notes (e.g.., origin of outfall, if known): Concord Road, Rte 9A storm drain

LOCATION	MATERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
XClosed Pipe	RCP CMP PVC HDPE X Steel Other:	X Circular Eliptical Box Other:	X Single Double Triple Other:	Diameter/Dimensions: 18"	In Water: X No Partially Fully With Sediment: X 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?	xYes No	If No, Skip to Section 5			
Flow Description (If present)	xTrickle 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 Petroleum/gas Sulfide Other:	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	Oily Flow Line Paint Other:	
Abnormal Vegetation	yes	Excessive x Inhibited	
Poor pool quality	no	Odors Colors Floatables Oil Sheen Suds 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

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-Illicit 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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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**
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

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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

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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Name of MS4/Coalition: Village of Ardsley

SPDES ID: NYR20A316

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
PASCONE 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

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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
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/PASCONE 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			

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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	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

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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
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

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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
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

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SPDES ID: NYR20A316

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

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SPDES ID: NYR20A316

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

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SPDES ID: NYR20A316

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

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SPDES ID: NYR20A316

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

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SPDES ID: NYR20A316

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)									

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SPDES ID: NYR20A316

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)								