

## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition

Village of Ardsley

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

### Appendix

<u>Page</u>	<u>Item</u>
1 -3	Ardsley Newsletter Articles
4-5	Literature and Item Distribution Log
6-12	Local Newspaper Articles
13	Scout Clean up, Ardsley Cares Clean up & Great SMR Clean up
12	Enviroscape Program and Ardsley Middle School SW Program
15	Ardsley High School Env Sci Club McDowell Park Drain Retrofit
16	Ardsley Day
17 - 25	Outfall Inspection Sheets 3/2017 – 3/2018
26 – 41	Department of Public Works Log Sheets 3/2017 – 3/2018

## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley									
--------------------	--	--	--	--	--	--	--	--	--

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

# THE ARDSLEY VILLAGER

---

Fall 2017



9

## ARDSLEY GARDEN CLUB

The Garden Club is off to a very busy season. The Pollinator Garden located at the Ardsley Public Library, proved to be a big success. The garden was created by the Garden Club and members of the community to help save the butterflies and bees that are endangered. The public is invited to visit and enjoy the garden.

On Ardsley Day, volunteers, school children, and the Garden Club helped spruce up the village with plants, spring bulbs, and wood chips. Thanks to all who helped make this day a success!

Our November 14<sup>th</sup> meeting will feature Elly Akhovan, Floral Designer. "Floral Designs for the holiday season" the public is invited. Please call Linda at 693-6840 to reserve your place.

On November 28<sup>th</sup>, the Garden Club will be decorating holiday wreaths for the Village, VA Hospital, Children's Village, and the Ardsley Secor Ambulance Corp. Please join us and help us make these wreaths. Call Mary at (914) 693-4328.

On November 29<sup>th</sup>, the Garden Club will decorate holiday wreaths with the Senior Citizens at the Ardsley Community Center. Please contact Mary at (914) 693-4328 if you would like to attend.

If you are interested in joining the Garden Club, please contact Arline Weston at (914) 693-4206.

---

## STORMWATER UPDATE

### Waste Not, Want Not

The less waste we send to landfills, the less waste there is piling up and washing away into waterbodies. A really useful way to reduce waste is by composting. You can start small, and try home composting of food scraps. Information about composting can be found at <http://www.ardsleyvillage.com/stormwater-project/pages/composting-for-cleaner-water>. Starting December 2017, the Town of Greenburgh will begin a composting program at Anthony Veteran Park. Find out more about this at the Facebook page <https://www.facebook.com/TownOfGreenburghFoodScrapRecycling>.

Speaking of waste reduction, it's still leaf season and the best way to get rid of leaves is to mulch them right back into your lawn – "Love 'Em and Leave 'Em". The way to do this can be found at <http://www.leleny.org>. Cutting down on leaf waste saves money, too. Our DPW makes over a dozen rounds of Village-wide leaf pickups every fall season. Better to convert those fallen leaves to mulch for your property.

Thank you to Mr. Ryan and Ms. Hastings and AMS Earth Science students for hosting the 3<sup>rd</sup> Annual Stormwater Outreach presentations this fall. Thank you to Mr. Barnett and AHS Environmental Science students for installation of the McDowell Park Drainage Retrofit this past spring.

Check out the project at <http://www.ardsleyvillage.com/stormwater-project/pages/mcdowell-park-drain-retrofit>.

The project illustrates how you may add some infiltration areas to the edges of your property and driveway to reduce runoff into the street (with professional engineering and landscaping advice, of course!) As we head towards winter, this will also reduce icing in the roadways. It may help you to use less salt for your paved areas, too, and less salt is good for our local freshwater streams and rivers.

Thanks for taking better care of our water –  
Lorraine Kuhn, Stormwater Coordinator

## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley									
--------------------	--	--	--	--	--	--	--	--	--

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

# THE ARDSLEY VILLAGER

Spring 2017

10

## STORMWATER UPDATE



### Spring at Last



The last of our “frozen stormwater” is running off into local streams. Time to think about spring cleaning and spring repairs. “[Fix a Leak Week](#)” passed at the end of March, but it’s still a good idea to check around the house for ways to save water.

It’s time to get gardens ready. Think about adding native perennials this year, like Coneflower (Echinacea) and Black-eyed Susan (Rudbeckia), flowering plants that come back every year and add lots of color. For your lawn, easy on the herbicide and pesticide which wash off into our waterways. Also, try getting your soil tested to see if you really need fertilizer, and if you do, make sure it’s “[zero P](#)” (P for Phosphorus). A special note about trees – trees are our best stormwater treatment. They take up runoff water, and give it back to the atmosphere through their leaves. But some of our trees are in trouble. A serious disease called Oak Wilt is attacking and killing oaks, and it is headed to Westchester. Information from Cornell Cooperative Extension can be found at this [web link](#). Most important, do not prune or wound oaks now, during growing season, in order to cut down on their disease susceptibility.

Thank you to Ms. Zucchetto and the entire 4<sup>th</sup> grade at Concord Road Elementary School for participating in our 9<sup>th</sup> Annual EnviroScape program. We always love to hear those “Jr. Engineer” re-design ideas for a better storm drain. We’re looking forward to the Parking Lot Drain Retrofit project with Ardsley High School Environmental Science Club in May. This group has worked on a stormwater activity every spring for the past 10 years.

And last, but certainly not least, please sign up for the 8<sup>th</sup> Annual Great Saw Mill River Cleanup event at this [web link](#). There are several sites along the Saw Mill River, including Ardsley’s own Bridge Street Plaza. It’s looking cleaner every year, thanks to the cleanup effort and Ardsley DPW clearance of invasive vegetation. Perhaps someday it will be a new Village parklet, a Saw Mill River waterfront amenity.



Thanks for making our water cleaner.

~ Lorraine Kuhn, Stormwater Coordinator

## ARDSLEY GARDEN CLUB

The Garden Club is proud to have been part of the new concrete walkway and flower bed linking lower Bi-Centennial Park to the upper park. Come see the fruits of our labor.

Last year, the Ardsley Public Library asked the Garden Club to care for their much neglected garden. Members joined in to weed and prepare the grounds for new plantings and it took all last Summer and Fall to accomplish this task. In addition, the Garden Club will be creating a pollinator garden at the Library to attract Monarch Butterflies, bees and other pollinators. The beloved Monarchs and Bees are 90% in decline due to extensive herbicide use. The Ardsley Garden Club has joined National Garden Clubs Inc. to help create one million pollinator gardens across the nation. The Garden Club will hold a ribbon cutting this Summer to open the garden to the public.

If you are interested in joining the Garden Club in working to improve our community, please call:  
Arline Weston, VP – 914-693-4206.



~ Arline Weston, Vice President

## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

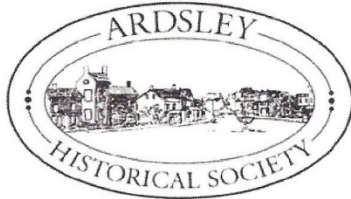
If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---



# Newsletter

P.O. BOX 523, ARDSLEY, NY 10502 ARDSLEYHISTORICALSOCIETY.ORG VOL. 31, NO. 1 SPRING 2017

## WOMEN OF ARDSLEY: MAKING THEIR PRESENCE KNOWN

By George F. Calvi

If ever there was a woman who came along at the right time, it was **Lorraine Kuhn**. When New York State in its wisdom enacted the highly complex Storm Water Management II regulations, I viewed it as yet another arcane piece of bureaucracy foisted upon the municipalities. Parks Commission member Lorraine Kuhn, PhD in Chemistry, viewed it differently and treated it respectfully as if it were a modern day Magna Carta. She quickly embraced all its intricacies, and generously shared her knowledge with the Building Inspector, the Village Board, and other officials. She made numerous formal representations to community groups, and became well known and respected in the so-called Storm Water community. While attending numerous inter-municipal meetings whenever the agenda touched upon the subject of Storm Water Management, I often proudly overheard exasperated representatives of other communities enviously wish they had a Lorraine Kuhn, too, to oversee matters.

Early in the 1990s the familiar recycling programs we rely on today were just getting off the ground thanks to the efforts of Registered Nurse Louise Giusti and longtime Girl Scout Leader Dorothy Kaufman. Together they launched a very successful newspaper recycling depot out of a large steel storage container in the rear parking lot of the old Village Hall. In 1991, they joined forces with future AHS newsletter editor, **Theresa DiStefano**, **Barbara Novich**, Trustee Linda Pohlmann and Trustee Dan Kelly to expand the program to the curbside pickup of all types of paper, cardboard, bottles, cans, and specific plastic containers. The effort included the free distribution of recycling bins and the first multi-colored recycling calendars to all residents.

**Susan Porcino**, environmentalist, who spearheaded the first installation of solar panels on a municipal structure in the Village, the Ardsley Fire House;

**Theresa Del Grosso**, SAYF coordinator, who has valiantly coordinated programs and public service announcement to spread the word about the dangers of illicit and prescription drugs;

Special mention must be made of the tireless women of the Ardsley Garden Club, perhaps Ardsley's biggest promoters, women like **Arline Weston**, **Mary Keehan**, **Linda Kiel**, and others who have improved the local landscape not just with flower beds but have been the vital force behind the installation of such beautiful landmarks as the Village Centennial Clock in Addyman Square and the Blue Star Memorial Highway marker beside it that pays tribute to our members of the Armed Forces, amongst other improvements.



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

### Literature and Item Distribution Log (3/9/2017 to 3/9/2018)

Item	Village Hall	Library	Comm Center	AMS Env Program	AHS Env Sci mtg & Event	Enviro-scape Program	Ardsley Day	Outfall Testing Team	Business Outreach	Great SMR Cleanup
"Soln to Poll" (EPA)	1						3			
"What On Earth Can You Do" (USDA)		5								
"Life Waters Edge" (DEC HREP)		4								
"Backyd Compost" (County Planning)	6	4					3			5
LELENY.org handout							2		13	
Riverkeeper Report 2017		1								
"Lawn Pesticides" (Cit Camp Env)	4	17								
"Bees in Crisis" (EcoBeneficial)		2								
"Planting Guide" (EcoBeneficial)		1								
Go Native U (SUNY WCC)		3								
"Green Lawn Blue Water" (LWV)		2								
HAB/Drought Notice (NYSDEC)		3								
Bronx River Alliance Map		1								
"Go Native" guide (County Parks)	7	8					4			3
Climate Change Facts (Cornell Univ)		4								
"Dogs & HABs" (NY Sea Grant Org)	1									

## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

Item	Village Hall	Library	Comm Center	AMS Env Program	AHS Env Sci mtg & Planting	Enviro-scape Program	Ardsley Day	Outfall Testing Team	Business Outreach	Great SMR Cleanup
Recycling Bins (VofA SW)							25			
"Hud Riv Fish" (NYSDOH)		3	1							
"Clean Water" bookmarks (EPA)										
"When It Rains" bookmarks (HRE)	6	4				296	3			
Aq Restor bkmrk (County Planning)	1		1							
Pet Biobaggies (VofA SW)	25	23					48			
SW Reference Cards (VofA SW)				74	8		9			6
Outfall Testing Letter (VofA SW)								1		
Great SMR Cleanup (SMR Coalition)										
SW Posters (County Planning)							9			
H2OK buttons (County Planning)							10			
SW Notepads (County Planning)							23			
SW Sticker Sheets (County Planning)							14			
SW Cartoon Magnet (VofA SW)							4			
SW Magnet (County Planning)							5			
SW Bumper Sticker (SMR Coalition)	13	1								
"After the Storm" Video (EPA)							1			

## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

FRIDAY, MARCH 9, 2018 THE RIVERTOWNS ENTERPRISE — PAGE 3



RIVERTOWNS ENTERPRISE FILE PHOTO

Arlene Gottlieb of Ardsley helps pick up trash during the Great Saw Mill River Cleanup on April 16, 2016.

## Clean water advocates call for more collaboration

By Kris DiLorenzo

REGION — Representatives of organizations concerned with the quality of water in the Hudson Valley met last Thursday, March 1, at Pace University in Pleasantville for the Lower Hudson Urban Waters Summit conference.

The event was organized by Sarah Lawrence College Center for the Urban River at Beczak (CURB) and Pace University Dyson College Institute for Sustainability and the Environment.

Representatives from New York City's Department of Environmental Protection (DEP) and its Office of Emergency Preparedness and Response; New York State's Department of Environmental Conservation (DEC); Westchester and Rockland Counties and local municipalities; eight colleges; and a variety of environmental organizations were in attendance.

The crowd of approximately 100 heard panels of experts discuss the condition of the lower Hudson tributaries and the progress, challenges, and opportunities involved in improving and protecting water quality in the Saw Mill River, Bronx River, Pocantico River, and Sparkill Creek watersheds.

Riverkeeper, Groundwork Hudson Valley, alliances representing each of the four bodies of water, and speakers from the Hudson River Watershed Alliance, DEC Hudson River Estuary Program, Rockland County Soil & Water Conservation District (SWCD), and the Westchester County Department of Planning all emphasized the need for collaboration to clean up the tributaries.

In his introductory remarks, Michael Rubbo, clinical associate professor of Environmental Studies and Science at Dyson College of Arts and Sciences of Pace University, stated that groups should work across boundaries of organizations, geography, and projects, instead of working in silos, characterizing the organizations present as "the Hudson River family."

Jennifer Epstein, water quality program scientist with Riverkeeper, echoed that sentiment, noting, "Interrelated issues foster collaboration." Ann-Marie Mitroff, director of Groundwork Hudson Valley's river programs, urged, "We need to have municipalities working in collaboration."

The Hudson River Watershed Alliance's director Maureen Cunningham simplified the reasons for cooperation: "Watersheds don't follow state or local municipality boundaries."

The speakers agreed that a comprehensive watershed management plan is crucial, with goals achievable by action steps including gathering water samples, testing for pathogens such as enterococcus bacteria, and analyzing the data, as Riverkeeper has done since 2008. The speakers also saw long-term monitoring and advocacy as integral.

The Saw Mill River hasn't been in good health for some time. "It's probably not the greatest news in the world about our water quality," Rubbo said. Epstein, whose group samples the river twice monthly, characterized the situation as "a legacy of pollution." In fact, the Saw Mill is the second most polluted of the four watersheds discussed. (Sparkill Creek, in Rockland County, is the worst.) Enterococcus resulting from fecal contamination is one factor; other sources of pollution are sewer overflows, sewer and runoff pipes being connected, agricultural runoff, septic system failures, and floating waste.

Riverkeeper is asking the County to allocate more in its 2019 budget for watershed planning for the Saw Mill and Pocantico. "Write to your officials," Epstein told the audience.

David Kvinge, director of environmental planning in Westchester County's Department of Planning, is one of the officials who can expect to hear from champions of clean water. He was optimistic about the funding possibilities for clean water initiatives, and told the Enterprise, "We've had a long history of getting grants, including through a variety of state agencies: the DEC, Department of State, and others, and federal funding through the State from the Department of Homeland Security and Emergency Services, to move a lot of projects. We're working on a stream restoration project now that's largely funded through the DEC."

He mentioned meetings his department had with Commissioner of Environmental Facilities Vincent Kopicki, the county's former public works commissioner. "We're looking for additional funding to prepare our watershed plan for the Saw Mill," Kvinge added.

One challenge the groups face is what the public and government think are priorities. Larry Vail of the Sparkill Creek Watershed Alliance, whose territory includes the Piermont Marsh, stated, "Most local authorities think flooding is the biggest problem. Municipalities respond to flooding. Decision-makers feel the infrastructure isn't a priority with the public, because pipes are underground and aren't seen."

However, they were seen during work on the \$19 million project of "daylighting" the Saw Mill River in Yonkers' Larkin Plaza. As the parking lot above the river was removed, pipes carrying sewage into the river were uncovered.

The four watersheds have that problem, but the Bronx River has an additional one: Dunkin' Donuts. According to Michelle Luebke, the Bronx River Alliance's director of environmental stewardship, since 2016 the Alliance has removed 3 tons of "floatable" trash from the river, much of it Styrofoam coffee cups from the chain. Luebke said the Canton, Mass.-based company told her it will be changing that situation.

Vail wants more than public awareness campaigns and "citizen science" to help heal the rivers. "The groups should get together and go to Albany to button-hole politicians," he said.

Riverkeeper's vision is ambitious. "We want clean, swimmable waters, the Hudson River teeming with life, and safe and abundant drinking water supplies," Epstein declared. While not the preferable method of getting the government to take action on these goals, lawsuits are a prod. "We do sue people," she acknowledged. "We have a case against Scott Pruitt at the moment."

Pruitt is the Trump-appointed Environmental Protection Agency (EPA) administrator and former attorney general of oil- and gas-intensive Oklahoma. On the day after the conference, he announced his intent to allow states more leeway in disposal of coal ash, which contains arsenic, lead, selenium, and other carcinogens; coal ash

has caused serious water contamination in many places around the country, according to Earthjustice.org.

"Citizen science" was a key topic at the summit. Several panelists stated that connecting people to the water, whether by participation in sampling or by kayaking on the Hudson, creates a sense of responsibility for the rivers. Citizens will have opportunities this spring to take care of area tributaries: on April 14 Riverkeeper will offer training in water sampling; Riverkeeper's Sweep on May 5 includes tree planting, invasive species removal, and trash cleanup at 100 locations along the Hudson; and on April 21, Groundwork Hudson Valley will conduct its ninth annual Great Saw Mill River Cleanup from Yonkers to Elmsford. CURB is always seeking volunteers for its educational work, and trains them for projects including its eel migration study, water quality monitoring, and marsh repairs.

To push forward with planning for watershed improvement, CURB's director, Ryan Palmer, will circulate information about resources for every stakeholder to share. He reiterated the strongest theme of the conference: the way to solve most of the problems is at the local level. "One of the major calls-to-action was for the municipalities in the Saw Mill watershed to band together to support the County in its effort," he stressed. "The watershed plan isn't hopeful unless they all adopt it. They have to do it in a comprehensive manner, and they need the County's buy-in."

The Saw Mill River Coalition will help the County with outreach to all the villages in the river's watershed. "That'll go a long way," Palmer said. "The County was asking to get on the same page. They're ready to take leadership on regional watershed planning."



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

THE RIVERTOWNS  
**Enterprise**  
VOLUME 42, NUMBER 3 • APRIL 14, 2017



Jennifer Epstein of Riverkeeper rinses a sample bottle behind the Sarah Lawrence Center for the Urban River on April 8.

### Training expands water-testing program

By John Scuderi

REGION — Buffeted by chilly winds coming off the river, and a morning temperature in the 40s, Jennifer Epstein dipped her feet in the Hudson on Saturday, April 8. Wearing red rubber boots, rubber gloves, and a multicolored hat, the water quality program scientist from Ossining-based Riverkeeper instructed a small gathering of volunteers on the proper procedures for collecting water samples.

She submerged the sample bottle upside-down, then tilted it upward while it was still underwater. She did this four times. The first three times she discarded the bottle's contents; the fourth produced water suitable for lab examination. All the while, a crowd of about 20, gathered behind the Sarah Lawrence College Center for the Urban River at Bezaak (CURB) in Yonkers, craned their necks for a closer look.

"People are very focused, very serious, and want to do a good job," Epstein said of her pupils in this shoreline classroom.

"They're concerned about these rivers and are willing to volunteer their time to care for these rivers... But toward the end, they wanted to go inside — they were cold!"

The occasion was the Lower Hudson Urban Waters Collaborative Community Science 2017 Season Kick-off, a joint effort of the Bronx River Alliance, Hudson River Watershed Alliance, Riverkeeper, and CURB. According to Ryan Palmer, director of CURB, this was the first time these like-minded grassroots organizations had come together under the Lower Hudson Urban Waters Collaborative banner.

Last weekend's program followed the Saw Mill River Summit, a gathering of concerned citizens and government organizations at CURB on March 2 at which the condition of the Saw Mill, which is a tributary of the Hudson, was discussed. This time, the focus was on community action — in particular, recruiting citizen scientists to gather samples from the Saw Mill, the Pocantico River, the Bronx River, and Sparkill Creek in Rockland County.

"At a boots-on-the-ground level, the goal was to bring together all the residents in the area who are interested in their local waterways, interested in being community scientists going out and sampling these

... rivers, or just doing something about it," Palmer said. "...Train them on how to do water testing, teach them a few things about what we're doing, and hopefully get them excited and get them engaged."

Palmer estimated that 40 to 45 people attended the summit.

After the enticement of a free breakfast to start the day, attendees were divided into two groups. While Epstein trained one half of the audience along the Hudson shoreline, handing out guidelines at the conclusion of her demonstration, the other half watched David Jofat, lab technician at CURB, demonstrate testing protocols in the laboratory. Then the groups switched places.

Next on the program, the attendees listened, some taking notes, during a 45-minute presentation by Andrew Juhl, Ph.D., of Columbia University's Lamont-Doherty Earth Observatory in Palisades, Rockland County. Juhl motivated his audience by pointing out how evidence of poor water quality can pressure politicians to take action, citing Gov. Andrew Cuomo's \$2.5 billion proposal to invest in sewage infrastructure statewide.

Juhl also gave a detailed explanation of why the water collected by the citizen scientists will be tested for enterococcus, a form of bacteria normally found in human feces. A slide on the screen behind him read that enterococcus "is usually not very dangerous itself," prompting surprise from some in the crowd. "It's an indicator of other things," Juhl said, comparing enterococcus to a credit rating that reflects a borrower's ability to pay off a loan.

Steve Pucillo of Hastings, a member of the Groundwork Hudson Valley board of directors, was impressed by Juhl. "His presentation was one of the best I've ever seen. It was so powerful," Pucillo said. "After the program, I congratulated him profusely. He had such far-reaching knowledge, and he presented it in a way that was not condescending. It was very, very important information."

Pucillo signed up for what will be his third season of sampling water quality in the Saw Mill River at two locations: the South County Trail at Hargrave Avenue in Hastings, and Hearst Street, just over the Yonkers border. "As a little boy, you'd swing over a river on a rope when you were 12 years old and thought it was the greatest thing in the world," Pucillo said, recalling his childhood on Staten Island. "...I've been a river keeper my whole life. I really love rivers. To save rivers — that's right up my alley."

The commitment to volunteer as a gatherer of water samples is a serious one. This is not something that families can do on a whim because it's a sunny day and parents want to take the kids outdoors. Citizen scientists must follow a predetermined schedule. On bad-weather days, collecting water is not for the faint of heart. "These are people who have the proper gear and can brave the elements if they have to," Epstein said. Twenty new volunteers signed up last Saturday to collect samples.

According to Epstein, keeping to a strict schedule serves two purposes. One, it provides data for what she called a "snapshot in time," comparing conditions on the same waterway at the same point in time. Two, the CURB lab is staffed with limited funds, and gathering the information on a set schedule is cost-efficient. "We only ask people to commit to a one-season schedule," Epstein said. "They have other priorities, and that's OK. We do have to bring in new people from time to time to keep things fresh."

The Sparkill and Pocantico watersheds will be sampled one Saturday per month, but the Saw Mill River will be tested more frequently: every other Thursday. "That was something I didn't know — that it has to be the same time," Hastings resident Marcia Brewster said.

Brewster, who sits on the Town of Greenburgh Water Advisory Committee, signed up as a volunteer despite the fact that she travels frequently. She plans to alternate with Pucillo to sample those Saw Mill locations twice a month on Thursdays at 8 a.m. Like Pucillo, Brewster is retired, having worked previously in the water resources sector at the United Nations.

"The Saw Mill River is practically in front of my house," she said. "I've been watching it for years."

Brewster expressed concern that under President Trump, the Clean Water Act may no longer be enforced. For her, the opportunity to collect water samples as a volunteer was empowering.

"With this evidence on water quality, at least that helps us fight back," she said. "How do we live with Trump? Do positive action on the local level."



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

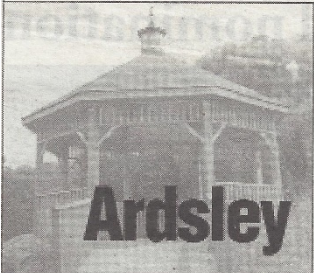
SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

THE RIVERTOWNS ENTERPRISE

FRIDAY, APRIL 14, 2017

PAGE 8 —



Ardsley

## Happenings

The **village board** hosts a public meeting about the future of Ardsley on Thursday, April 20, 8 p.m. at the firehouse, 505 Ashford Ave., 2nd floor.

# THE RIVERTOWNS Enterprise

VOLUME 42, NUMBER 5 • APRIL 28, 2017

## Process to update plan kicks off for village

By Kris DiLorenzo

ARDSLEY — More than 100 people attended the first public meeting on the development of a new Comprehensive Plan and Local Waterfront Revitalization Program (LWRP) for the Village of Ardsley. So many people responded to the invitation to the April 20 meeting that the venue was moved from the firehouse to the middle school auditorium, and the Village ran out of the questionnaires for participants.

"It's rather extraordinary to see this many people participating this early in the process," planner Patrick Cleary of Cleary Consulting, in Northport, Long Island, told the audience. Cleary represented the Village during the pre-development phase of Rivertowns Square in Dobbs Ferry and later when turmoil erupted over The Jefferson, a 272-unit residential complex proposed for Lawrence Street, across the Saw Mill Parkway from Rivertowns Square.

The crowd last Thursday ranged from born-and-bred villagers such as Sue Woodrow, a retired Verizon employee, to Nick Malitsis, an IBM employee who moved from Yonkers to Ardsley a year ago. "I'm interested to hear what they have to say about their vision, and what they're proposing, since I grew up here," Woodrow said.

Mayor Peter Porcino opened the meeting by introducing the board of trustees and Village Administrator Meredith Robson, who explained the financing that makes this planning possible. The project cost has been estimated at a maximum of \$150,000; the state's Regional Economic Development Council and the Hudson River Valley Greenway grant program committed a total of \$50,000; the remaining balance will come from the village budget.

Cleary began by explaining that this first public meeting was an attempt to manage peoples' expectations about the simultaneous process of devising a Comprehensive Plan and LWRP. He underscored that any plan would not be imposed on the village by a board. "It's a collaborative process, not an exercise that comes from the top down. Collaboration requires conversation that goes both ways."

Cleary opened the conversation by showing a slide depicting significant events in 1964: the World's Fair, the first performance by The Beatles on the "Ed Sullivan Show," and the formulation of the Comprehensive Master Plan of Ardsley. The pictures elicited laughter, but drove home the point that the plan, which has never been updated, is a piece of history.

To cover all aspects of the planning process, Cleary assembled a project team made up of John Collins, a principal of Maser Consulting, a Hawthorne-based traffic consulting firm, and James Lima, principal of James Lima Planning and Development, a marketing firm from Manhattan. Maser's projects include street conversions in Atlantic City, N.J., and the LaGuardia Airport redevelopment program. Lima has worked with New York City government departments, the Town of Babylon on Long Island, and the Town of Nyack in Rockland County.

Maser will handle the transportation engineering aspect of downtown planning — a complicated situation because Ardsley is bordered on all sides by major roadways, and the fact that its main street, Saw Mill River Road (Route 9A), is a state highway, and therefore the Village must work with New York's Department of Transportation (DOT). "The DOT's expectations about their state highway as a main street may not be the same as Ardsley's," Cleary stated. Lima will conduct a marketing study of the central business district, and analyze the area's economics.

Many attendees were surprised that the State mandates a Comprehensive Plan, but that it is a long-range policy guide, not a law. However, a plan is implemented through local law, which must be consistent with those guidelines as well as with New York's Department of State (DOS) Division of Coastal Resources regulations.

The complexity of developing the two plans was apparent when Cleary reeled off a list of considerations: demographics, zoning and land use, housing, natural resources and the environment, transportation, municipal services and infrastructure, parks and recreation, economics, historical and cultural resources, green building and sustainability, and aesthetics or community appearance.

To cover all those topics, the Village will schedule three public workshops beginning next month; dates will be announced. He emphasized that at every stage in the planning process the public will be involved, whether in hearings or meetings, and their input incorporated into the team's work.

Cleary gave the plans a visual context by projecting onscreen a land-use map and a bird's-eye view of Ardsley.

He also asked attendees to participate in an exercise consisting of 35 questions covering transportation, natural resources and the environment, housing, zoning and land use, municipal services and infrastructure, economics, and aesthetics and community appearance. Participants were to respond to a prompt — "In order to protect the unique character and improve the quality of life for all residents of the Village of Ardsley, a specific activity or action you feel is needed or should be done is to..." — by checking off to what degree a suggested action was important or feasible. Those actions touched on traffic improvement, residential and commercial development, and design guidelines, for example.

A Visual Preference exercise followed: participants were asked to select which of two images they preferred, choosing between surface parking and a garage, two different styles of apartment building, and two retail configurations. Residents can view the exercises and participate in the survey at [www.ardsleyvillage.com](http://www.ardsleyvillage.com).

Early in the meeting, Cleary preemptively addressed the question of a timeline for the planning process: "It will take time for the benefits of our hard work to become apparent. Patience is a virtue."



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

FRIDAY, JUNE 9, 2017 THE RIVERTOWNS ENTERPRISE — PAGE 9

# Planning process aims to address persistent problem

By Kris DiLorenzo

A vocal crowd of 40 gathered at the firehouse on June 6 for the first of three planning charrettes (workshops) on the Village of Ardsley's Comprehensive Plan and Local Waterfront Revitalization Plan (LWRP).

Mayor Peter Porcino opened the June 6 meeting with a call for the public to keep informed on the planning process by signing up to receive the Village's regular e-mails.

Patrick Cleary of Cleary Consulting in Northport, Long Island, who is leading the planning project team, clarified the purpose of the evening's workshop, stressing that it was for "focused discussion," not solutions. "Abandon your preconceptions — open your mind," he said. "Listen to your neighbor's ideas."

He explained that the charrette would focus on issues of traffic, transportation, and infrastructure, and presented the results of the preliminary survey taken at the April 20 public meeting and on the Village website, about the development of the plans.

Participants were given information packets that contained an aerial photo of the Central Business District (CBD), and drawn maps of the village, area transportation routes, and infrastructure, with highways, arterial roads, local streets, bus lines and bus stops, fire hydrants, sewer mains and manholes, catch basins and manholes marked. The materials included worksheets on which people could elaborate on what they perceived as the strengths, weaknesses, opportunities, and threats of the existing traffic and infrastructure.

The worksheets covered traffic volume and congestion, roadway configurations, traffic control devices, transit, pedestrian and bicycle circulation, parking supply and regulation, stormwater, wastewater, solid waste, recycling, electricity, and telecommunications (phone, cable, and wireless).

Cleary shared the survey tallies via a PowerPoint presentation: 97 percent of respondents said that traffic congestion was the biggest issue in their neighborhoods, and were unanimous in asserting that the CBD needs more parking options.

Regarding quality-of-life issues, walkability was important to village residents, but their biggest concern was the schools. The most important challenge they cited was parking in the CBD; the second most important was the use of Saw Mill River Road (Route 9A). Respondents were ambivalent about a significant issue: whether to slow down or speed up traffic on 9A.

Following Cleary's presentation, breakout sessions, headed by John Collins and Peter Russillo of Maser Consulting and Cleary and Benjamin Haslip of Cleary Consulting, divided the audience into two groups seated at round tables on either side of the room.

Collins is a principal of Maser Consulting, a Hawthorne-based traffic consulting firm whose projects have included street conversions in Atlantic City, N.J., and the LaGuardia Airport redevelopment program. Cleary selected Maser for the project because 9A is a state highway, requiring the Village to work with New York's Department of Transportation (DOT) and several other state agencies in the planning process, mainly the Office of Planning and Development.

The breakout sessions soon became noisy, with people talking over one another and having conversations among themselves, while the four leaders led them through questions about their concerns and opinions.

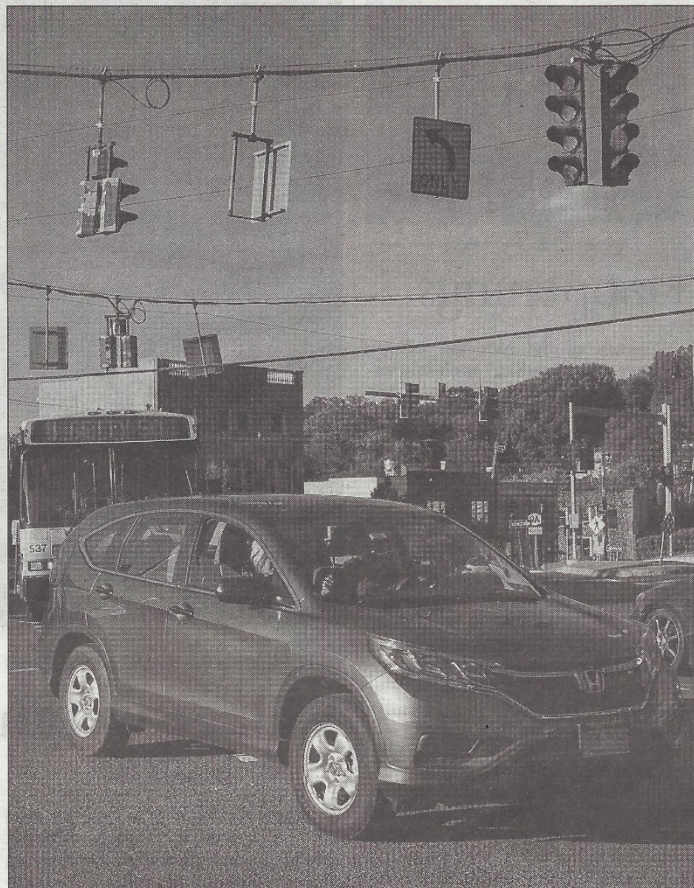
Most people agreed that the worst traffic congestion was in school areas during drop-off and pickup times, and that to prevent traffic backups, the timing of traffic lights needs to be adjusted to suit the volume of traffic at different periods, especially at the Ashford Avenue and 9A intersection.

Susan Jainchill, a landscape designer and urban planner who has lived in Ardsley for 11 years, had a different take on the situation. "Once you live here long enough, you find the ways to get around the traffic."

Others pointed out the dangers of Heatherdell Road, entrances and exits at the small malls on 9A, and bike riding in many locations.

A big topic of conversation was the fact that trucks often bypass the state Thruway (I-87) toll near the Ridge Hill development in Yonkers by using 9A. A couple of participants suggested imposing a weight limit on vehicles using 9A to cut down on the number of trucks on that road.

Regarding whether measures should be taken to widen roads and speed traffic through the village, Paul Kleidman, who moved to Ardsley three years ago, commented, "It's not necessarily a good idea to expand the roads and make the traffic go faster. I think you want to be smart about the kind of traffic you're attracting."



TIM LAMORTE/RIVERTOWNS ENTERPRISE

Traffic heads south on Saw Mill River Road, through the intersection with Ashford Avenue.

People were virtually unanimous on the CBD parking situation. One man floated the idea of building a parking deck behind the Village Green shopping enclave. Another stated that people often don't know that parking is available behind other businesses, and suggested that the village put up signs directing people to those parking areas. On the other side of the room, a business owner proposed reserving parking spaces for merchants and their employees near their businesses.

One man didn't consider parking an issue. "Have you ever come to Ardsley and not found a parking spot?" he asked his tablemates.

Transit was labeled an issue, too. Kleidman and another commuter noted that most people don't use public buses to get to nearby train stations because the bus schedules don't align with the train schedules. They also pointed out the infrequency and inadequate number of buses as a factor in low ridership.

Ardsley residents who were unable to attend the April 20 or June 7 meetings can read the Comprehensive Plan Overview, and register their opinions in the Importance/Feasibility Exercise and the Village Planning Survey (Ardsley Comprehensive Plan survey), all of which are available on the village website:

<http://www.ardsleyvillage.com/new-village-planning-process>.

Dates for the second and third charrettes have not yet been announced.



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

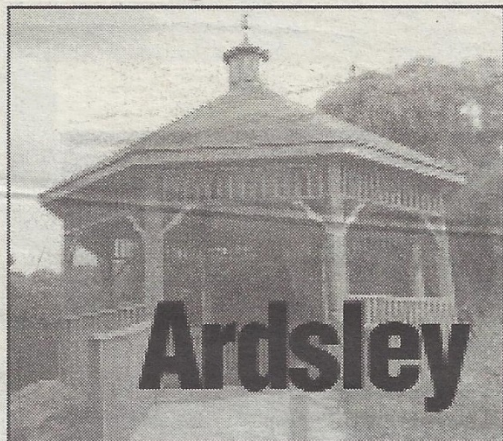
SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

### THE RIVERTOWNS ENTERPRISE

FRIDAY, APRIL 28, 2017

PAGE 8 —



## Happenings

The Ardsley SAYF Coalition teams up with the police department and the U.S. Drug Enforcement Administration to host a **Prescription Drug Giveback Day** tomorrow (April 29), at village hall, 507 Ashford Ave., 10 a.m.-2 p.m. Bring unwanted, unused, or expired prescriptions or over-the-counter drugs (but no syringes) for proper disposal.

FRIDAY, APRIL 28, 2017 THE RIVERTOWNS ENTERPRISE — PAGE 13

## In your view

By Anne Marie Leone

*What trash did you pick up during Groundwork Hudson Valley's annual Great Saw Mill River Cleanup on Saturday, April 22?*



**Kyle Matsen, Ardsley**

Some beer bottles, some metal rings that are about half a foot in diameter — perhaps from a car or construction from the bridge, some water bottles, wrappers.



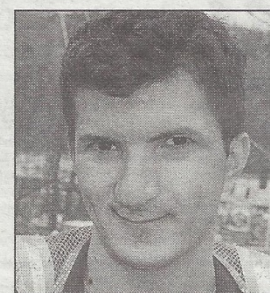
**Sharon Bean, Dobbs Ferry**

Styrofoam and water bottles is 90 percent of what I've picked up.



**Stephanie von Stein, Hastings**

I'm staffing this area [Farragut Avenue] and you can see a street sign, 15 bags of garbage filled with water bottles, beer cans, a lot of plastic. There's a fence post that looks like it weighs 150 pounds, another fence post, an old anchor, a board.



**Justin de la Garza, Dobbs Ferry**

A box with some pickles and a bag of liquid, a can about two-thirds full of butane, a flowered footstool, several large tires.



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

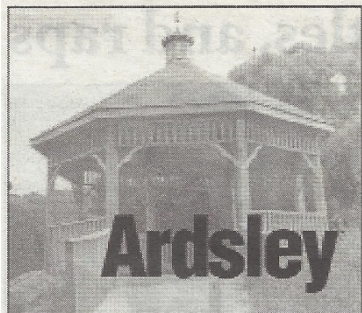
Village of Ardsley									
--------------------	--	--	--	--	--	--	--	--	--

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

PAGE 12 — THE RIVERTOWNS ENTERPRISE FRIDAY, JUNE 23, 2017

THE RIVERTOWNS ENTERPRISE  
FRIDAY, JUNE 9, 2017  
PAGE 8 —



## Happenings

The **Ardsley Garden Club** hosts opening day of its Pollinator Garden at the public library, 9 American Legion Drive, tomorrow (June 10), 10 a.m.-3 p.m. Garden and plant information will be available. Call 693-4328.

## V I L L A G E V I E W



ANNE MARIE LEONE/RIVERTOWNS ENTERPRISE

**Arline Weston, a past president of the Ardsley Garden Club, checks out begonias during the opening of the new pollinator garden at the Ardsley Public Library on Saturday, June 10.**

PAGE 12 — THE RIVERTOWNS ENTERPRISE FRIDAY, JULY 21, 2017

## Letters to the Editor

### Club's practices contribute to cleaner waterways

#### To the Editor:

On behalf of Village of Ardsley Stormwater Management, I would like to thank the Ardsley Garden Club for their wonderful new Pollinator Garden, which was featured in The Rivertowns Enterprise July 14 edition. It is a lovely garden, and it promotes healthy ecological concepts. In particular, it should be noted that the use of pesticides and herbicides is discouraged. This is especially important for nearby waterways, as well as flora and fauna. The little footbridge

mentioned in the article crosses over a small tributary to the Saw Mill River. Runoff from the Pollinator Garden site winds up in the river. It is good that this runoff is a cleaner due to Ardsley Garden Club efforts. It's a helpful lesson for everyone.

Thanks again to the Ardsley Garden Club for helping the bees, butterflies, and our waterways!

**Lorraine Kuhn**

*Village of Ardsley Stormwater Management*



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

FRIDAY, JULY 14, 2017 THE RIVERTOWNS ENTERPRISE — PAGE 9

# Garden club plants pollinators' paradise outside library

By Kris DiLorenzo

"When you see a monarch butterfly now, it's an occasion, whereas it used to be very common," Linda Keil, the new vice president of the Ardsley Garden Club, said this week.

Statistics from the National Pollinator Garden Network bear out her observation: the population of that distinctive orange-and-black butterfly has declined 90 percent in the past two decades.

To reverse that trend, the garden club, which celebrated its 60th anniversary this year, last month opened its Pollinator Garden to attract butterflies, honeybees (which also are disappearing), bumblebees, and hummingbirds. The quarter-acre plot at the Ardsley Public Library is planted with 15 varieties of native plants that these pollinators love.

Open to the public, the Pollinator Garden is the equivalent of Disneyland for those species. Monarch, swallowtail, and Painted Lady butterflies can feast on milkweed, while bees can buzz around their favorites, including bee balm and coneflower (better known, as echinacea, for its medicinal properties). Butterflies, however, are picky eaters. "You have to have the right kind of milkweed," Keil explained. "There are many kinds."

Hummingbirds haven't yet made an appearance, but it's likely they'll be drawn to any bright blooms; they prefer red, orange, and yellow. The garden includes tansy, whose clusters of small yellow pompoms might prove tempting.

The garden club's strategy for maintaining and even boosting the number of pollinators in the area appears to be working. This past Monday, a monarch

and a honeybee both visited the same 5-foot-tall butterfly bush full of purple flower spikes; later, a dragonfly made an appearance.

Arlene Weston, past president of the Ardsley Garden Club, was happy to see those rewards of all the digging, planting, weeding, and watering by club members and volunteers. Their effort is part of a nationwide push to counteract the damaging effects of habitat loss, herbicides, and pesticides, by planting pollinator gardens to help survival rates of pollinators and the plants they need.

Kiel cites chemical manufacturer Monsanto's use of the weed killer Roundup to protect genetically modified crops such as corn. "Roundup kills milkweed," she explained, "and honeybees are disappearing because of overuse of pesticides. Monarchs used to migrate from Mexico to Canada, and lay their eggs on milkweed as they went." (Glyphosate, the main ingredient in Roundup, also has been linked to cancer in humans.)

She pointed out that the plants and insects in the garden are "all part of one big system," a concept that indigenous peoples around the world have understood for thousands of years. The library Pollinator Garden shows that circuit operating in miniature: a bee dips into a blossom seeking nectar, pollen clings to its legs, and when it touches down at its next stop, the pollen is transferred to that plant. A butterfly follows the same procedure. A bird pollinates by eating berries, for example, excreting the seeds in its droppings, and thereby spreading plant species to a new location.

CONTINUED ON PAGE 17



TIM LAMORTE/RIVERTOWNS ENTERPRISE

A bee probes a flower at the garden.

## Pollinator

CONTINUED FROM PAGE 9

The Pollinator Garden evolved from library director Angela Groth's request last year that the garden club take over the library's neglected grounds. Last summer, members of the club and volunteers began creating the Pollinator Garden. "Two Boy Scouts helped with weeding and planting," Keil said, "and in this spring's planting season, three Girl Scouts helped."

The garden club bought seedlings and plants from Sprainbrook Nursery in Scarsdale, and from Prospero Nursery and Carlson's Greenhouse and Nursery, both in White Plains. Carlson's also donated plants. A \$200 donation from the Friends of the Ardsley Library enabled the club to purchase the basics, including a hose, and during the past year, the Village of Ardsley allotted \$200 from its budget, for plantings. (The Village also pays for maintenance.)

In a separate — though synergistic — endeavor, the library's youth group, which can include as many as 80 children per week, incubated monarch butterfly caterpillars in the Children's Room, and recently released the half-dozen adults into the Pollinator Garden. Their project was part of a summer reading program called "Build a Better World."

A Pollinator Garden ribbon-cutting event on June 10, which was hosted by the Ardsley Garden Club, included a plant sale, gifts of milkweed seeds, an appearance by Bill Pisani, author of 2016's "The Little Bumblebee" book, and a raffle for Weston's embroidered butterfly pillows.

Visitors to the Pollinator Garden during library hours will be able to pick up a

handout listing the plants and their locations. The garden is a two-second stroll from the parking lot, over a little footbridge that the Department of Public Works painted for the club.

While time spent in the garden is idyllic, two issues — invasive plants and deer — evoke concern from Mary Keehan, outgoing garden club president. "Deer are a big problem. They like everything," she noted. A border of unappealing native plants (deer prefer exotics) doesn't do the trick. "They just reach over," she explained.

Keil has discovered Deer Defeat, an all-natural repellent resembling black pepper that she uses on the plants in her own garden. The deer don't like the taste, so after a while, they don't return. "If you can break the pattern of the deer, they won't come back," she said.

The biggest problem, she continued, is the overgrowth of invasive species like bittersweet vine, knotweed, and porcelain berry. Even if those plants are cut down or pulled up by the roots, birds still carry the seeds elsewhere. Those species are fast growing and can easily take over a garden, but the garden club is determined to fight back.

Not only is the organization prepared to defend its turf, but now is looking to extend the Pollinator Garden by reclaiming the tangled patch by the footbridge.

"The thing about gardening is, it's never finished," Keil commented.

"We're going to maintain it," Weston affirmed.

"We're happy to have more volunteers to come in to work in the garden," Keil added. "There's always more work to do. Weeding is its own reward."

To volunteer for the Pollinator Garden or to join the Ardsley Garden Club, contact Arlene Weston at 693-4206; Mary Keehan at 693-4328; or Linda Keil at 693-6840.



TIM LAMORTE/RIVERTOWNS ENTERPRISE

Flowers bloom at the garden.





## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---



**Great SMR Cleanup  
4/22/2017**



**Scout Cleanup 5/20/2017**



**Ardsley  
Cares  
Cleanup  
10/21/2017**





## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

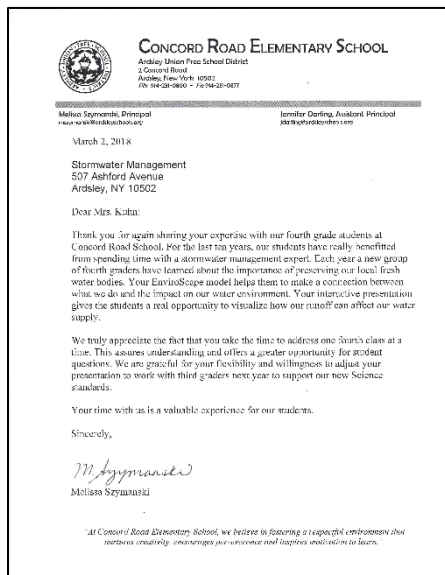
If submitting this form as part of a joint report on behalf of a coalition leave SPDES ID blank.

Name of MS4/Coalition 

V	i	l	l	a	g	e	o	f	A	r	d	s	l	e	y
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---



### Concord Road Elementary School EnviroScape Program 2018

### 5 Things You Can Do:

#### #5 Become an engineer



### Ardsley Middle School Program 2017



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley									
--------------------	--	--	--	--	--	--	--	--	--

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---



**AHS Env Sci McDowell Drain Retrofit**  
**5/6/2017**



## MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6



County Rep Shimsky



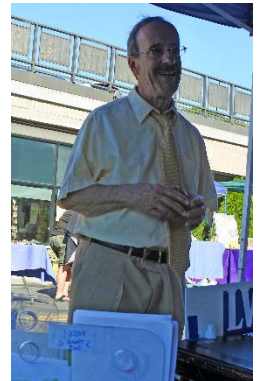
Trustee Kaboolian  
(now Mayor Kaboolian)

Ardsey Day 2017



Mayor  
Porcino

US Rep  
Engel



NYS Rep Stewart Cousins



Town Supv Feiner



Former VM Calvi



# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

**Subwatershed:** Spran Brook Bx Riv  
**Today's date:** 03/17/2017  
**Investigator(s):** Hurley, Kuhn  
**Temperature (°F):** 41°  
**Latitude:** -41.00192  
**Longitude:** -73.50227  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial  
 Ultra-Urban Residential  
 Suburban Residential  
 Commercial  
**Notes (e.g., origin of outfall, if known):** Pascone Park

Outfall Reconnaissance Sheet

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

Temp 50 units  
pH 6.2 units  
Ammonia 0 mg/l

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	ft, in		Tape measure
	Flow width	ft, in		Tape measure
	Measured length	ft, in		Tape measure
	Time of travel	Sec		Stop watch

**Subwatershed:** Saw Mill River  
**Today's date:** 4/7/2017  
**Investigator(s):** Hurley, Kuhn  
**Temperature (°F):** 47°  
**Latitude:** -41.00192  
**Longitude:** -73.50227  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial  
 Ultra-Urban Residential  
 Suburban Residential  
 X Commercial  
**Notes (e.g., origin of outfall, if known):** Ashford Avenue Retention Basin

Outfall Reconnaissance Sheet

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

Temp 50 units  
pH 6.2 units  
Ammonia 0 mg/l

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	ft, in		Tape measure
	Flow width	ft, in		Tape measure
	Measured length	ft, in		Tape measure
	Time of travel	Sec		Stop watch

**Subwatershed:** Saw Mill River  
**Today's date:** 4/28/2017  
**Investigator(s):** Hurley, Kuhn  
**Temperature (°F):** 78°  
**Latitude:** -41.00192  
**Longitude:** -73.50227  
**Camera:** Samsung Galaxy Mega  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial  
 Ultra-Urban Residential  
 X Suburban Residential  
 X Commercial  
**Notes (e.g., origin of outfall, if known):** Almena Rd, NYS Thruway

Outfall Reconnaissance Sheet

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

Temp 58 units  
pH 7.5 units  
Ammonia 0 mg/l

FIELD DATA FOR FLOWING OUTFALLS				
PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter	320, 260, 400, 325, 200, 175	Bottle
	Time to fill	Sec	2.6, 2.4, 1.84, 1.45, 1.53, 2.44	Stop watch
Flow #2	Flow depth	ft, in		Tape measure
	Flow width	ft, in		Tape measure
	Measured length	ft, in		Tape measure
	Time of travel	Sec		Stop watch

**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 N/A Sewage Rancid/sour Sulfide Other: Petroleum gas 1 - Faint 2 - Easily detected 3 - Noticeable from a distance  
 Color N/A Clear Brown Gray Yellow 1 - Faint colors in sample bottle 2 - Clearly visible in sample bottle 3 - Clearly visible in outfall flow  
 Turbidity N/A Green Orange Red Other: 1 - Slight cloudiness 2 - Cloudy 3 - Opaque  
 Floatables -Does Not Include Trash! N/A Sewage (Toilet Paper, etc.) Suds 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 suds, or floating sanitary materials)  
 Petroluem (oil sheen) Other:

**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	Flow line Only Flow Line Paint Other:	
Abnormal Vegetation	No	Excessive Inhabited	
Poor pool quality	N/A	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

**Overall Outfall Characterization**

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

**Section 7: Data Collection**

1. Sample for the lab? Yes 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-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** No

Collected: Wet: Dry:



**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No  
**INDICATOR CHECK IF Present DESCRIPTION RELATIVE SEVERITY INDEX (1-3)**  
 Odor No Sewage Rancid/sour Sulfide Other: Petroleum gas 1 - Faint 2 - Easily detected 3 - Noticeable from a distance  
 Color Faint Yellow Clear Brown Gray Yellow 1 - Faint colors in sample bottle 2 - Clearly visible in sample bottle 3 - Clearly visible in outfall flow  
 Turbidity clear Green Orange Red Other: 1 - Slight cloudiness 2 - Cloudy 3 - Opaque  
 Floatables -Does Not Include Trash! N/A Sewage (Toilet Paper, etc.) Suds 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 suds, or floating sanitary materials)  
 Petroleum (oil sheen) Other:

**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	Algae, Yellow stain Only Flow Line Paint Other:	
Abnormal Vegetation	No	Excessive Inhabited	
Poor pool quality	Yes, muddy	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

**Overall Outfall Characterization**

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

**Section 7: Data Collection**

1. Sample for the lab? Yes 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-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** No

Collected: Wet: Dry:



**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No  
**INDICATOR CHECK IF Present DESCRIPTION RELATIVE SEVERITY INDEX (1-3)**  
 Odor No Sewage Rancid/sour Sulfide Other: Petroleum gas 1 - Faint 2 - Easily detected 3 - Noticeable from a distance  
 Color Clear Clear Brown Gray Yellow 1 - Faint colors in sample bottle 2 - Clearly visible in sample bottle 3 - Clearly visible in outfall flow  
 Turbidity Clear Green Orange Red Other: 1 - Slight cloudiness 2 - Cloudy 3 - Opaque  
 Floatables -Does Not Include Trash! Wood & mud debris at culvert Sewage (Toilet Paper, etc.) Suds 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 suds, or floating sanitary materials)  
 Petroleum (oil sheen) Other:

**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	Flow line Only Flow Line Paint Other:	
Abnormal Vegetation	Yes	X Excessive Inhabited	
Poor pool quality	No	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

**Overall Outfall Characterization**

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 4:15 PM

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

Collected: 4/29/2017 5PM  
 Wet: NEG  
 Dry: NEG 5/12/2017



# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

**Subwatershed:** Saw Mill River  
**Today's date:** 05/30/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 59 **Rainfall (in.):** Last 24 hours: 0.15" Last 48 hours: 0.15"  
**Latitude:** 41.00.813 **Longitude:** 73.50.760 **GPS Unit:** Garmin etrex **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Lead Use in Drainage Area (Check all that apply):**  
 Industrial ☒ X Open Space  
 Ultra-Urban Residential ☒ Institutional  
 Suburban Residential ☒ Other: Known Industries: Dry Cleaner, Restaurants, Supermarket, Macy Park  
 X Commercial

Outfall Reconnaissance Sheet

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow?

INDICATOR	CHECK if Present	Yes	No	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	N/A			Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	N/A			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	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 suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present?

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

Overall Outfall Characterization

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

Section 7: Data Collection

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

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

Collected: Wet: Dry:



OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow?

INDICATOR	CHECK if Present	Yes	No	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	N/A			Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	N/A			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	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 suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present?

INDICATOR	CHECK if Present	Yes	No	DESCRIPTION	COMMENTS
Outfall Damage	Chipped			Spalling Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	Yellow brown			Only Flow Line Paint Other:	
Abnormal Vegetation	No			Excessive Inhibited	
Poor pool quality	No			Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No			Brown Orange Green Other:	

Overall Outfall Characterization

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

Section 7: Data Collection

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

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

Collected: Wet: Dry:



OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow?

INDICATOR	CHECK if Present	Yes	No	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	N/A			Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	N/A			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	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 suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

Are physical indicators that are not related to flow present?

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

Overall Outfall Characterization

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

Section 7: Data Collection

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

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

Collected: Wet: Dry:



LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	X RCP CMP	X Circular	X Single	Diameter/Dimensions: In Water: X No Partially Fully
	PVC HDPE	Elliptical	Double	30"
	Steel	Box	Triple	With Sediment: No X Partially Fully
	Other:	Other:	Other:	
Open drainage	Concrete	Trapezoid	Depth:	
	Earthen	Parabolic	Top Width:	
	rip-rap	Other:	Bottom Width:	
	Other:	Other:	Other:	
In-Stream (applicable when collecting samples)				
Flow Present?	Yes	X No	If No, Skip to Section 3	
Flow Description (If present)	Trickle	Moderate	Substantial	

Temp	°F
pH	units
Ammonia	mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
	Flow depth	" "	Ft. In	Tape measure
Flow #2	Flow width	" "	Ft. In	Tape measure
	Measured length	" "	Ft. In	Tape measure
	Time of travel	" "	Sec	Stop watch

**Subwatershed:** Saw Mill River  
**Today's date:** 8/1/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 59 **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** 41°00.709 **Longitude:** 73°50.937 **GPS Unit:** Garmin etrex **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Lead Use in Drainage Area (Check all that apply):**  
 Industrial ☒ X Open Space  
 Ultra-Urban Residential ☒ Institutional  
 Suburban Residential ☒ Other: Known Industries: NYS Thruway, Restaurant, Deli, Nail Salon  
 X Commercial

Outfall Reconnaissance Sheet

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

Temp	°F
pH	units
Ammonia	mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
	Flow depth	" "	Ft. In	Tape measure
Flow #2	Flow width	" "	Ft. In	Tape measure
	Measured length	" "	Ft. In	Tape measure
	Time of travel	" "	Sec	Stop watch

**Subwatershed:** Saw Mill River  
**Today's date:** 8/8/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 76 **Rainfall (in.):** Last 24 hours: 0.45" Last 48 hours: 0.45"  
**Latitude:** 41°00.895 **Longitude:** 73°50.799 **GPS Unit:** Garmin etrex **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Lead Use in Drainage Area (Check all that apply):**  
 Industrial ☒ X Open Space  
 Ultra-Urban Residential ☒ Institutional  
 Suburban Residential ☒ Other: Macy Park  
 Commercial ☒ Known Industries:

Outfall Reconnaissance Sheet

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

Temp	°F
pH	units
Ammonia	mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
	Flow depth	" "	Ft. In	Tape measure
Flow #2	Flow width	" "	Ft. In	Tape measure
	Measured length	" "	Ft. In	Tape measure
	Time of travel	" "	Sec	Stop watch

# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

Subwatershed: Saw Mill River  
 Today's date: 8/8/2017  
 Investigator: Siddiqui, Kuhn  
 Temperature (°F): 79°  
 Rainfall (in.):  
 Latitude: 41°09.589' Longitude: 73°50.975'  
 Camera: Samsung Galaxy  
 Land Use in Drainage Area (Check all that apply):  
 Industrial  
 Ultra-Urban Residential  
 Suburban Residential  
 Commercial  
 Outfall ID: AZ22  
 Time: 3:40 PM  
 Form completed by: Siddiqui, Kuhn  
 GPS Unit: Garmin etrex  
 GPS LMK #:  
 Photo #s:  
 X Open Space  
 Institutional  
 Other: Macy Park  
 Known Industries:

Outfall Reconnaissance Sheet

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

Temp 79  
 pH 7.3  
 Ammonia mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	Ft. In		Tape measure
	Flow width	Ft. In		Tape measure
	Measured length	Ft. In		Tape measure
	Time of travel	Sec		Stop watch

Subwatershed: Saw Mill River  
 Today's date: 9/14/2017  
 Investigator: Siddiqui, Kuhn  
 Temperature (°F): 79°  
 Rainfall (in.):  
 Latitude: 41°09.589' Longitude: 73°50.975'  
 Camera: Samsung Galaxy  
 Land Use in Drainage Area (Check all that apply):  
 Industrial  
 Ultra-Urban Residential  
 Suburban Residential  
 Commercial  
 Outfall ID: AZ22  
 Time: 3:35 PM  
 Form completed by: Siddiqui, Kuhn  
 GPS Unit: Garmin etrex  
 GPS LMK #:  
 Photo #s:  
 Open Space  
 Institutional  
 Other:  
 Known Industries: Self-storage facility, Medical Offices

Outfall Reconnaissance Sheet

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

Temp 79  
 pH 7.3  
 Ammonia mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	Ft. In		Tape measure
	Flow width	Ft. In		Tape measure
	Measured length	Ft. In		Tape measure
	Time of travel	Sec		Stop watch

Subwatershed: Bronx River/Sprain Brook  
 Today's date: 6/8/2017  
 Investigator: Siddiqui, Kuhn  
 Temperature (°F): 69°  
 Rainfall (in.):  
 Latitude: 41°09.589' Longitude: 73°50.975'  
 Camera: Samsung Galaxy  
 Land Use in Drainage Area (Check all that apply):  
 Industrial  
 Ultra-Urban Residential  
 X Suburban Residential  
 Commercial  
 Outfall ID: AZ23  
 Time: 2:30 PM  
 Form completed by: Siddiqui, Kuhn  
 GPS Unit: Garmin etrex  
 GPS LMK #:  
 Photo #s:  
 X Open Space  
 Institutional  
 Other: Veteran's Town Park, AHS  
 Known Industries:

Outfall Reconnaissance Sheet

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

Temp 64  
 pH 7.3  
 Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	0' 1.5"		94.3 gal/min
	Flow width	1' 3"		Tape measure
	Measured length	2' 3"		Tape measure
	Time of travel	1.72", 1.50", 1.62", 1.91", 1.62"		Stop watch

## OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	N/A	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	N/A	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	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 suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

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

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

## Overall Outfall Characterization

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

## Section 7: Data Collection

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

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

Collected: Wet Dry:



## OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

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

Physical Indicators for Both Flowing and Non-Flowing Outfalls

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

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

## Overall Outfall Characterization

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

## Section 7: Data Collection

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

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

No Collected: Wet Dry:



## OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	Clear	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	Clear	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 suds, or floating sanitary materials)

Physical Indicators for Both Flowing and Non-Flowing Outfalls

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

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

## Overall Outfall Characterization

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

## Section 7: Data Collection

1. Sample for the lab?	Yes	X No
2. If yes, collected from:	Flow	Pool
3. Intermittent flow trap set?	X Yes	No
		If Yes, type: X OBM Caulk dam 2:50 PM

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

Collected: 6/9/2017 3 PM Wet: NEG Dry: NEG 6/1/2017





# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

**Subwatershed:** Sprain Brook Bx River  
**Today's date:** 6/21/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 81° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** 41.00.513 **Longitude:** 73.50.233 **GPS Unit:** Garmin etrex **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ Open Space ☐  
 Ultra-Urban Residential ☐ Institutional ☐  
 X Suburban Residential ☒ Other: Known Industries: ☐  
 Commercial ☐

Outfall Reconnaissance Sheet

**LOCATION** **MATERIAL** **SHAPE** **DIMENSIONS (IN.)** **SUBMERGED**

**Closed Pipe**  
 PVC HDPE Elliptical Double 16"  
 Steel Box Triple  
 Other: Other: With Sediment: X No Partially Fully

**Open drainage**  
 Concrete Trapezoid Depth:   
 Earthen Parabolic Top Width:   
 rip-rap Other: Bottom Width:   
 Other: Other:   
**In-Stream** (applicable when collecting samples)  
**Flow Present?** Yes X No If No, Skip to Section 5  
**Flow Description (If present)** Trickle Moderate Substantial

Temp 78 °F  
 pH 7.2 units  
 Ammonia 0 mg/l

**FIELD DATA FOR FLOWING OUTFALLS**

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	Ft, In		Tape measure
	Flow width	Ft, In		Tape measure
	Measured length	Ft, In		Tape measure
	Time of travel	Sec		Stop watch

**Subwatershed:** Sprain Brook Bx Riv  
**Today's date:** 6/27/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 68° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** N 41.00.933 **Longitude:** W 73.50.178 **GPS Unit:** Garmin etrex **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ Open Space ☐  
 Ultra-Urban Residential ☐ X Institutional ☒  
 X Suburban Residential ☐ Other: Ardsley High School  
 Commercial ☐ Known Industries: ☐

Outfall Reconnaissance Sheet

**LOCATION** **MATERIAL** **SHAPE** **DIMENSIONS (IN.)** **SUBMERGED**

**X Closed Pipe**  
 RCP CMP X Circular X Single Diameter: 15"  
 PVC HDPE Elliptical Double  
 Steel Box Triple  
 Other: Other: With Sediment: X No Partially Fully

**Open drainage**  
 Concrete Trapezoid Depth:   
 Earthen Parabolic Top Width:   
 rip-rap Other: Bottom Width:   
 Other: Other:   
**In-Stream** (applicable when collecting samples)  
**Flow Present?** X Yes No If No, Skip to Section 5  
**Flow Description (If present)** X Trickle (very slight, rate not measurable) Moderate Substantial

Temp 78 °F  
 pH 7.2 units  
 Ammonia 0 mg/l

**FIELD DATA FOR FLOWING OUTFALLS**

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	Ft, In		Tape measure
	Flow width	Ft, In		Tape measure
	Measured length	Ft, In		Tape measure
	Time of travel	Sec		Stop watch

**Subwatershed:** Saw Mill River  
**Today's date:** 7/25/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 62° **Rainfall (in.):** Last 24 hours: 0.04" Last 48 hours: 0.04"  
**Latitude:** N 41.00.807 **Longitude:** W 73.50.770 **GPS Unit:** Garmin etrex **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ X Open Space ☒  
 Ultra-Urban Residential ☐ Institutional ☐  
 Suburban Residential ☐ Other: Known Industries: Bicentennial Park, Restaurants, Nail Salon, Hair Dresser, Supermarket  
 X Commercial ☒

Outfall Reconnaissance Sheet

**LOCATION** **MATERIAL** **SHAPE** **DIMENSIONS (IN.)** **SUBMERGED**

**X Closed Pipe**  
 X RCP CMP X Circular X Single Diameter: 18"  
 PVC HDPE Elliptical Double  
 Steel Box Triple  
 Other: Other: With Sediment: X No Partially Fully

**Open drainage**  
 Concrete Trapezoid Depth:   
 Earthen Parabolic Top Width:   
 rip-rap Other: Bottom Width:   
 Other: Other:   
**In-Stream** (applicable when collecting samples)  
**Flow Present?** X Yes No If No, Skip to Section 5  
**Flow Description (If present)** X Trickle Moderate Substantial

Temp 70 °F  
 pH 5.0 units  
 Ammonia 3.0 mg/l

**FIELD DATA FOR FLOWING OUTFALLS**

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	10 ml, 20 ml, 25 ml, 25 ml, 25 ml		Bottle
	Time to fill	3.93", 6.93", 8.28", 7.16", 8.71"	0.045 gal/min	Stop watch
Flow #2	Flow depth	Ft, In		Tape measure
	Flow width	Ft, In		Tape measure
	Measured length	Ft, In		Tape measure
	Time of travel	Sec		Stop watch

**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	N/A	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	N/A	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	N/A	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables - Does Not Include Trash!!	N/A	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 suds, or floating sanitary materials)

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

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

**Overall Outfall Characterization**

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

**Section 7: Data Collection**

- Sample for the lab? Yes X No
- If yes, collected from: Flow Pool
- 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)?**  
 Collected: Wet: Dry:



**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	Yellow orange	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	Clear	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables - Does Not Include Trash!!	Slight trash, trace of oil sheen	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 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	Orange	Only Flow Line Paint Other:	
Abnormal Vegetation	No	Excessive Inhibited	
Poor pool quality	No	Odors Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

**Overall Outfall Characterization**

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

**Section 7: Data Collection**

- Sample for the lab? Yes X No
- If yes, collected from: Flow Pool
- 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)?**  
 Collected: Wet: Dry:



**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	Yes, 3 - Noticeable from a distance	Sewage Rancid/sour Sulfide Other: X Rancid/sour Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	1 - Faint	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, 2 - Cloudy	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables - Does Not Include Trash!!	Yes, 3 - Obvious	Sewage (Toilet Paper, etc.) Suds food foam Petroleum (oil sheen) Other: Shiny white slime	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 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	Missing stones on wall
Deposits/Stains	Yes	Only Flow Line Paint Other: heavy white slime	
Abnormal Vegetation	Yes	X Excessive Inhibited	Plant growing at opening
Poor pool quality	Yes	X Odors Colors Excessive Algae Floatables Oil Sheen Other:	cloudy, milky
Pipe benthic growth	No	Brown Orange Green Other:	

**Overall Outfall Characterization**

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

**Section 7: Data Collection**

- Sample for the lab? Yes X No
- If yes, collected from: Flow Pool
- Intermittent flow trap set? X Yes No If Yes, type: X OBM 3:56 PM Caulk dam

**Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** Yes, missing stones in wall  
 Collected: 7/26/2017 4:02 PM  
 Wet: NEG  
 Dry: NEG 7/28/2017  
 Note: crews cleaning DeCasso's SD 4 PM 7/26/2017.  
 Water flowing at outfall at time of OBM collection



# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

SPDES ID

N Y R 2 0 A 3 1 6

Name of MS4/Coalition Village of Ardsley

**Subwatershed:** Saw Mill River  
**Today's date:** 8/4/2017  
**Investigators:** Kuhn  
**Temperature (°F):** 82° **Rainfall (in.):** Last 24 hours: 0.11" Last 48 hours: 0.3"  
**Latitude:** **Longitude:** **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Mega  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial  
 Ultra-Urban Residential  
 Suburban Residential  
 Commercial  
**Other:** Open Space  
 Institutional  
 Other: Known Industries:

Outfall  
 Reconnaissance  
 Sheet  
**RECHECK**

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

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

Temp 72 °F  
 pH 7.6 units  
 Ammonia 2.0 mg/l

METHOD	PARAMETER	RESULT	UNIT	EQUIPMENT
Flow #1	Volume	75 ml	Liter	
	Time to fill	1' 59"	Sec	Stopwatch
Flow #2	Flow depth	" "	ft. in	Tape measure
	Flow width	" "	ft. in	Tape measure
AVE RATE ~	Measured length	" "	ft. in	Tape measure
	Time of travel		Sec	Stopwatch

**Subwatershed:** Saw Mill River  
**Today's date:** 8/13/2017  
**Investigators:** Siddiqui, Kuhn  
**Temperature (°F):** 73° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** 41.00.802 **Longitude:** 73.50.835 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial  
 Ultra-Urban Residential  
 Suburban Residential  
 X Commercial  
**Other:** Open Space  
 Institutional  
 Other: Known Industries: Dry Cleaner, Restaurant, Gas Station

Outfall Reconnaissance Sheet

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

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

Temp 76 °F  
 pH 7.2 units  
 Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter	2.99 gal/min	Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	0' 0.5"	ft. in	Tape measure
	Flow width	1' 1"	ft. in	Tape measure
Measured length	0' 11"	ft. in	Tape measure	
	Time of travel	3.58", 5.13", 8.06", 6.29", 7.81", 6.31"	Sec	Stop watch

**Subwatershed:** Sprain Brook/**Br Riv**  
**Today's date:** 10/6/2017  
**Investigators:** Siddiqui, Kuhn  
**Temperature (°F):** 79° **Rainfall (in.):** Last 24 hours: 0.03" Last 48 hours: 0.03"  
**Latitude:** 41.00.0.204 **Longitude:** 73.50.0.098 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial  
 Ultra-Urban Residential  
 X Suburban Residential  
 Commercial  
**Other:** Open Space  
 X Institutional  
 Other: OLPH School  
 Known Industries:

Outfall Reconnaissance Sheet

**Notes (e.g., origin of outfall, if known):** Old Sprain Rd

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

Temp 68 °F  
 pH 7.5 units  
 Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	200, 250, 220, 225, 220	Liter	Bottle
	Time to fill	3.07", 3.56", 2.88", 2.54", 2.57"	Sec	1.22 gal/min
Flow #2	Flow depth	" "	ft. in	Tape measure
	Flow width	" "	ft. in	Tape measure
Measured length	" "	ft. in	Tape measure	
	Time of travel		Sec	Stop watch

**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	Clear	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	Clear	See severity	1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables -Does Not Include Trash!!	No	Sewage (Toilet Paper, etc.) Suds Sulfide Other: Petroleum (oil sheen)	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 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	same as initial, no change
Deposits/Stains	No	Only Flow Line Paint Other:	slimy coating is gone
Abnormal Vegetation	No	Excessive Inhibited	growth at corner of outfall
Poor pool quality	No	Odors Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

Overall Outfall Characterization

Unlikely X Potential (presence of two or more indicators) (Ammonia still present) 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)? More without needed, Small fish seen in outfall pool!!!



Collected:  
 Wet:  
 Dry:



**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	Dark Gray	Clear Brown 3 - 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	Opaque	See severity	1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables -Does Not Include Trash!!	No	Sewage (Toilet Paper, etc.) Suds Sulfide Other: Petroleum (oil sheen)	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 suds, or floating sanitary materials)

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

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

Overall Outfall Characterization

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

Section 7: Data Collection

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

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

Collected: 8/17/2017 2:00 PM  
 Wet: NEG  
 Dry: NEG 8/29/2017



**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	Clear	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	Clear	See severity	1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables -Does Not Include Trash!!	No	Sewage (Toilet Paper, etc.) Suds Sulfide Other: Petroleum (oil sheen)	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 suds, or floating sanitary materials)

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

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

Overall Outfall Characterization

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

Section 7: Data Collection

1. Sample for the lab?	Yes	X No
2. If yes, collected from:	Flow	Pool
3. Intermittent flow trap set?	X Yes	No If Yes, type: X OBM 4:09 PM Caulk dam

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

Collected: 10/9/2017 2 PM  
 Wet: NEG  
 Dry: NEG 10/13/2017  
 Fish seen in stream!!!  
 1 Outreach letter given to homeowner Ashford Ave



# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID  
N Y R 2 0 A 3 1 6

**Subwatershed:** Saw Mill River  
**Today's date:** 10/17/2017  
**Investigator:** Siddiqui, Kuhn  
**Form completed by:** *(Signature)*  
**Temperature (°F):** 51° **Rainfall (in.):** Last 24 hours: 0.04" Last 48 hours: 0.04"  
**Latitude:** 41.00.949 **Longitude:** 73.50.656 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ Open Space ☐  
 Ultra-Urban Residential ☐ Institutional ☐  
 Suburban Residential ☐ Other: St. Barnabas, CR School  
 Commercial ☐ Known Industries: ☐

Outfall Reconnaissance Sheet

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

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

Temp 51°  
pH 7.3  
Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
	Flow depth	" "	Ft. In	Tape measure
Flow #2	Flow width	" "	Ft. In	Tape measure
	Measured length	" "	Ft. In	Tape measure
	Time of travel	Sec	Stop watch	

**Subwatershed:** Saw Mill River  
**Today's date:** 10/27/2017  
**Investigator:** Siddiqui, Kuhn  
**Form completed by:** *(Signature)*  
**Temperature (°F):** 63° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** 41.00.831 **Longitude:** 73.50.737 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ X Open Space ☐  
 Ultra-Urban Residential ☐ Institutional ☐  
 Suburban Residential ☐ Other: Macy Park, Motel, Dry Cleaner, Restaurant  
 Commercial ☐ Known Industries: ☐

Outfall Reconnaissance Sheet

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

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

Temp 63°  
pH 7.3  
Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
	Flow depth	" "	Ft. In	Tape measure
Flow #2	Flow width	" "	Ft. In	Tape measure
	Measured length	" "	Ft. In	Tape measure
	Time of travel	Sec	Stop watch	

**Subwatershed:** Saw Mill River  
**Today's date:** 11/16/2017  
**Investigator:** Siddiqui, Kuhn  
**Form completed by:** *(Signature)*  
**Temperature (°F):** 51° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** 41.01.010 **Longitude:** 73.50.718 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ X Open Space ☐  
 Ultra-Urban Residential ☐ Institutional ☐  
 Suburban Residential ☐ Other: Restaurants, Medical Offices, Dry Cleaner, Nail Salon, Concord Rd Elementary School  
 Commercial ☐ Known Industries: ☐

Outfall Reconnaissance Sheet

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

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

Temp 50°  
pH 7.3  
Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
	Flow depth	0" 2"	Ft. In	Tape measure
Flow #2	Flow width	1" 3"	Ft. In	Tape measure
	Measured length	1" 6"	Ft. In	Tape measure
	Time of travel	2.97, 2.88, 3.22, 3.59, 3.00, 4.03	Sec	Stop watch

**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	N/A	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	N/A	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	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 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	Flow Line Only	Flow Line Paint Other:	
Abnormal Vegetation	No	Excessive Inhabited	
Poor pool quality	N/A	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

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

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

**Section 8: Any Non-Illlicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** No  
 Collected: Wet: Dry:



**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	N/A	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	N/A	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	N/A	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables - Does Not Include Trash!!	N/A	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 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	Flow line Only	Flow Line Paint Other:	
Abnormal Vegetation	No	Excessive Inhabited	
Poor pool quality	N/A	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

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

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

**Section 8: Any Non-Illlicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** No  
 Collected: Wet: Dry:



**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No  

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	Clear	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	Clear	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 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	Flow line Only	Flow Line Paint Other:	
Abnormal Vegetation	Moderate	Excessive Inhabited	
Poor pool quality	No	Odors Suds Colors Excessive Algae Floatables Oil Sheen Other:	
Pipe benthic growth	No	Brown Orange Green Other:	

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

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

**Section 8: Any Non-Illlicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** No  
 Collected: 11/17/2017 3PM  
 Wet: NEG  
 Dry: NEG 11/21/2017





# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

**Subwatershed:** Saw Mill River  
**Today's date:** 11/21/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 48° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0.15"  
**Latitude:** 41.01293 **Longitude:** 73.50657 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ Open Space ☐  
 Ultra-Urban Residential ☐ Institutional ☐  
 Suburban Residential ☐ Other: Known Industries: CR School, Woodlands Senior Facility,  
 X Commercial ☒ Dry Cleaners, Restaurants, Gas Station

Outfall Reconnaissance Sheet

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

Temp 48  
pH 8.8  
Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	Ft. In		Tape measure
	Flow width	Ft. In		Tape measure
	Measured length	Ft. In		Tape measure
	Time of travel	Sec		Stop watch

**Subwatershed:** Spring Brook/Bronx River  
**Today's date:** 11/28/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 42° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** **Longitude:** **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 X Industrial ☒ Open Space ☐  
 Ultra-Urban Residential ☐ Institutional ☐  
 X Suburban Residential ☐ Other: Known Industries: AHS, Con Ed transmission lines  
 Commercial ☐

Outfall Reconnaissance Sheet

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

Temp 48  
pH 8.8  
Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	10 ml, 15 ml, 20 ml, 10 ml, 20 ml	Liter	Bottle
	Time to fill	12.87", 18.09", 22.13", 18.69", 27.71"	Sec	Stop watch
Flow #2	Flow depth	Ft. In		Tape measure
	Flow width	Ft. In		Tape measure
	Measured length	Ft. In		Tape measure
	Time of travel	Sec		Stop watch

**Subwatershed:** Saw Mill River  
**Today's date:** 12/22/2017  
**Investigator:** Siddiqui, Kuhn  
**Temperature (°F):** 41° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** 41.01051 **Longitude:** 73.50657 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☐ Open Space ☐  
 Ultra-Urban Residential ☐ Institutional ☐  
 X Suburban Residential ☐ Other: Known Industries: Water Wheel & Stonegate Condominiums  
 Commercial ☐

Outfall Reconnaissance Sheet

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

Temp 48  
pH 8.8  
Ammonia 0 mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	Ft. In		Tape measure
	Flow width	Ft. In		Tape measure
	Measured length	Ft. In		Tape measure
	Time of travel	Sec		Stop watch

**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	N/A	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	N/A	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	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 suds, or floating sanitary materials)

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

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

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

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

**Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** Clear invasive vegetation  
 Collected: Wet: Dry:



**OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET**  
 Are Any Physical Indicators Present in the flow? Yes No  

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	No	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	Light brown	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	Cloudy	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 suds, or floating sanitary materials)

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

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

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

**Section 7: Data Collection**  
 1. Sample for the lab? Yes X No  
 2. If yes, collected from: Flow Pool  
 3. Intermittent flow trap set? X Yes No If Yes, type: X OBM Caulk dam 2:56 PM

**Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** No  
 Collected: 11/30/2017 4:00 PM  
 Wet: NEG  
 Dry: NEG 12/11/2017



**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	n/a	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance
Color	n/a	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	n/a	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 suds, or floating sanitary materials)

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

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

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

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

**Section 8: Any Non-Illicit Discharge Concerns (e.g., trash or needed infrastructure repairs)?** Clear out mud  
 Collected: Wet: Dry:





# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

**Subwatershed:** Spring Brook/Bk Rav  
**Today's date:** 1/9/2018  
**Investigator(s):** Siddiqui, Kuhn  
**Temperature (°F):** 35° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** N41°00'21" **Longitude:** W073°50'363" **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☒ X Open Space  
 Ultra-Urban Residential ☒ X Institutional  
 X Suburban Residential ☒ Other: AMS, Pascone Park, Snack Bar  
 Commercial ☒ Known Industries:

Outfall Reconnaissance Sheet

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	n/a	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	n/a	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	n/a	See severity	1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables	n/a	Sewage (Toilet Paper, etc.) Suds	1 - Few/light; origin not obvious 2 - Some, indications of origin (e.g., possible suds or oil sheen) 3 - Some, origin clear (e.g., obvious oil suds, or floating sanitary materials)
Does Not Include Trash!!	no	Petroleum (oil sheen) Other:	

Physical Indicators for Both Flowing and Non-Flowing Outfalls

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

Overall Outfall Characterization

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

Section 7: Data Collection

1. Sample for the lab?	Yes	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-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? No

Collected:

Wet:

Dry:



LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
X Closed Pipe	RCP X CMP	X Circular	X Single	Diameter/Dimensions: 18"
	PVC HDPE	Elliptical	Double	In Water: X No Partially Fully
	Steel	Box	Triple	With Sediment: X No Partially Fully
	Other:	Other:	Other:	
Open drainage	Concrete	Trapezoid	Depth:	
	Earthen	Parabolic	Top Width:	
	rip-rap	Other:	Bottom Width:	
	Other:	Other:	Other:	

Temp	°F
pH	units
Ammonia	mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	ft, in		Tape measure
	Flow width	ft, in		Tape measure
	Measured length	ft, in		Tape measure
	Time of travel	Sec		Stop watch

**Subwatershed:** Bronx River/Spring Brook  
**Today's date:** 1/19/2018  
**Investigator(s):** Siddiqui, Kuhn  
**Temperature (°F):** 34° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** N41°00'49" **Longitude:** W073°50'099" **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☒ X Open Space  
 Ultra-Urban Residential ☒ X Institutional  
 X Suburban Residential ☒ Other: Known Industries: AHS  
 Commercial ☒ Known Industries:

Outfall Reconnaissance Sheet

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	no	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	n/a	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	n/a	See severity	1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables	n/a	Sewage (Toilet Paper, etc.) Suds	1 - Few/light; origin not obvious 2 - Some, indications of origin (e.g., possible suds or oil sheen) 3 - Some, origin clear (e.g., obvious oil suds, or floating sanitary materials)
Does Not Include Trash!!	no	Petroleum (oil sheen) Other:	

Physical Indicators for Both Flowing and Non-Flowing Outfalls

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

Overall Outfall Characterization

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

Section 7: Data Collection

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

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

Collected:

Wet:

Dry:



**Subwatershed:** Spring Brook/Bronx River  
**Today's date:** 02/06/2018  
**Investigator(s):** Kuhn  
**Temperature (°F):** 34° **Rainfall (in.):** Last 24 hours: 0" Last 48 hours: 0"  
**Latitude:** 41.00380 **Longitude:** 73.50111 **GPS Unit:** Garmin **GPS LMK #:**  
**Camera:** Samsung Galaxy  
**Land Use in Drainage Area (Check all that apply):**  
 Industrial ☒ X Open Space  
 Ultra-Urban Residential ☒ X Institutional  
 X Suburban Residential ☒ Other: OLPH School  
 Commercial ☒ Known Industries:

Outfall Reconnaissance Sheet

OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	n/a	Sewage Rancid/sour Sulfide Other: Petroleum gas	1 - Faint 2 - Easily detected 3 - Noticeable from a distance
Color	n/a	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	n/a	See severity	1 - Slight cloudiness 2 - Cloudy 3 - Opaque
Floatables	n/a	Sewage (Toilet Paper, etc.) Suds	1 - Few/light; origin not obvious 2 - Some, indications of origin (e.g., possible suds or oil sheen) 3 - Some, origin clear (e.g., obvious oil suds, or floating sanitary materials)
Does Not Include Trash!!	no	Petroleum (oil sheen) Other:	

Physical Indicators for Both Flowing and Non-Flowing Outfalls

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	no	Spalling Cracking or Chipping Peeling Paint Corrosion	
Deposits/Stains	Flow line	Only Flow Line Paint Other:	
Abnormal Vegetation	excessive	Excessive Inhibited	partially blocked with large rocks
Poor pool quality	no	Odors Colors Suds Excessive Algae	Floatables Oil Sheen Other:
Pipe benthic growth	no	Brown Orange Green Other:	

Overall Outfall Characterization

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

Section 7: Data Collection

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

Section 8: Any Non-Ilicit Discharge Concerns (e.g., trash or needed infrastructure repairs)? Clear away excess vegetation at pipe outlet

Collected:

Wet:

Dry:



LOCATION	MATERIAL	SHAPE	DIMENSIONS (IN.)	SUBMERGED
X Closed Pipe	X RCP CMP	X Circular	X Single	Diameter/Dimensions: 18"
	PVC HDPE	Elliptical	Double	In Water: X No Partially Fully
	Steel	Box	Triple	With Sediment: X No Partially Fully
	Other:	Other:	Other:	
Open drainage	Concrete	Trapezoid	Depth:	
	Earthen	Parabolic	Top Width:	
	rip-rap	Other:	Bottom Width:	
	Other:	Other:	Other:	

Temp	°F
pH	units
Ammonia	mg/l

PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT
Flow #1	Volume	Liter		Bottle
	Time to fill	Sec		Stop watch
Flow #2	Flow depth	ft, in		Tape measure
	Flow width	ft, in		Tape measure
	Measured length	ft, in		Tape measure
	Time of travel	Sec		Stop watch



# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID  
N Y R 2 0 A 3 1 6

Subwatershed: Sprain Brook/Bronx River		Outfall ID: AZ46	
Today's date: 2/20/2018		Time: 2:00 PM	
Investigator: Siddiqui, Kuba		Form completed by: Siddiqui, Kuba	
Temperature (°F): 63°		Rainfall (in.): Last 24 hours: 0.05" Last 48 hours: 0.05"	
Latitude: 41°00'26.53"N		Longitude: W073°50'13.7"	
Camera: Samsung Galaxy		GPS Unit: Garmin eTrex	
Land Use in Drainage Area (Check all that apply):		Photo #s:	
Industrial		Open Space	
Ultra-Urban Residential		X Institutional	
X Suburban Residential		Other: Ardsley High School	
Commercial		Known Industries:	

Outfall Reconnaissance Sheet

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

Temp 50 °F  
pH 5.8 units  
Ammonia 0 mg/l

FIELD DATA FOR FLOWING OUTFALLS					
PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT	
Flow #1	Volume	475 ml, 470 ml, 375 ml, 450 ml, 475ml	Liter	0.77 gal/min	Bottle
	Time to fill	12.5", 9.7", 6.0", 11.0", 9.1"	Sec		Stop watch
Flow #2	Flow depth	-	ft, in		Tape measure
	Flow width	-	ft, in		Tape measure
	Measured length	-	ft, in		Tape measure
	Time of travel	-	Sec		Stop watch

Subwatershed: Sprain Brook/Bx River		Outfall ID: AZ 42	
Today's date: 03/06/2018		Time: 2:20 PM	
Investigator: Siddiqui, Kuba		Form completed by: Siddiqui, Kuba	
Temperature (°F): 43°		Rainfall (in.): Last 24 hours: 0" Last 48 hours: 0"	
Latitude: 41°00'26.53"N		Longitude: W073°50'13.7"	
Camera: Samsung Galaxy		GPS Unit: Garmin eTrex	
Land Use in Drainage Area (Check all that apply):		Photo #s:	
Industrial		Open Space	
Ultra-Urban Residential		X Institutional	
X Suburban Residential		Other: OLP School	
Commercial		Known Industries:	

Outfall Reconnaissance Sheet

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

Temp 48 °F  
pH 7.0 units  
Ammonia 0 mg/l

FIELD DATA FOR FLOWING OUTFALLS					
PARAMETER	RESULT	UNIT	AVERAGE FLOW RATE (gal/min)	EQUIPMENT	
Flow #1	Volume		Liter	50.5 gal/min	Bottle
	Time to fill		Sec		Stop watch
Flow #2	Flow depth	0' 5"	ft, in		Tape measure
	Flow width	3' 0"	ft, in		Tape measure
	Measured length	1' 2"	ft, in		Tape measure
	Time of travel	15.25, 19.15, 12.50, 9.90, 8.22, 12.75	Sec		Stop watch

## OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow?		Yes	No	RELATIVE SEVERITY INDEX (1-3)			
INDICATOR	CHECK if Present	DESCRIPTION					
Odor	no	Sewage Rancid/sour	Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance	
Color	clear	Clear Brown, Gray	Yellow	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity	clear	Green Orange Red	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque	
Floatables (Does Not Include Trash!!)	no	Sewage (Toilet Paper, etc.)	Suds	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 suds, or floating sanitary materials)	
		Petroleum (oil sheen)	Other:				

### 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/Sludge	Flow line	Only	Flow Line	Faint	Other:		
Abnormal Vegetation	excessive	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 Caulk dam 2:25 PM

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

no  
Collected: 2/21/2018 4 PM  
Wet: NEG  
Dry: NEG 3/1/2018



## OUTFALL RECONNAISSANCE INVENTORY FIELD SHEET

Are Any Physical Indicators Present in the flow?		Yes	No	RELATIVE SEVERITY INDEX (1-3)			
INDICATOR	CHECK if Present	DESCRIPTION					
Odor	No	Sewage Rancid/sour	Petroleum gas	1 - Faint	2 - Easily detected	3 - Noticeable from a distance	
Color	Clear	X Clear Brown, Gray	Yellow	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity	No	Green Orange Red	See severity	1 - Slight cloudiness	2 - Cloudy	3 - Opaque	
Floatables (Does Not Include Trash!!)	Small floating patches of hydrocarbon (approx. 2 cm X 2 cm)	Sewage (Toilet Paper, etc.)	Suds	X 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 suds, or floating sanitary materials)	
		X Petroleum (oil sheen)	Other:				

### 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/Sludge	Orange, rust, flow line	Only	X Flow Line	Faint	Other:		
Abnormal Vegetation	No	Excessive	Inhibited			under control, pruned back	
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 2:51 PM If Yes, type: X OBM Caulk dam

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

No  
Collected: 3/8/2018 1:00 PM  
Wet: NEG  
Dry: NEG 3/19/2018



# MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition Village of Ardsley

SPDES ID

N Y R 2 0 A 3 1 6

<u>Catch Basin Head Cleaning</u>		<u>Bulk Roadside Cleaning</u>	<u>Bulk Leaf Clean-up</u>	
<b>Routes:</b> A = Ashford Ave H = Heatherdell Rd EV = Entire Village		<b>Route:</b> Entire Village (litter, small brush, and leaf bags)		
ROUTES	DATE	DATE	ROUTE	DATE
A	3/10/2017	4/13/2017	OUTFALLS	5/1/2017
H	3/13	4/17/2017	FLOOD CONTROL	5/2/2017
EV-SNOW	3/17	5/22/2017	EV	5/22/2017
EV	3/27/17	5/24/2017	A	5/26/2017
EV	4/6/2017	5/30/2017	H	5/27/2017
EV	5/5/2017	6/5/2017	EV	6/21/2017
A	6/20/2017	6/6/2017/	EV	7/7/2017
H	6/21/2017	6/11/2017	A	9/5/2017
EV	6/26/2017	6/12/2017	H	9/6/2017
EV	7/7/2017	6/12/2017	A	10/30/2017
EV	8/8/2017	6/23/2017	H	10/31/2017
A	10/23/2017	7/3/2017	A	11/7/2017
H	10/24/2017	7/5/2017	H	11/8/2017
EV	10/27/2017	7/7/2017	A	11/27/2017
A	11/16/2017	7/10/2017	H	11/28/2017
H	11/17/2017	7/11/2017	EV	12/20/2017
EV	11/20/2017	7/17/2017	A	2/13/2018
EV	12/6/2017	7/18/2017	H	20/14/2018
EV-SNOW	1/8/2018	7/21/2017	EV	2/22/2018
EV	1/23/2018	8/3/2017		
EV	2/15/2018	8/4/2017		
EV	2/21/2018	8/18/2017		
		8/21/2017		
		8/22/2017		
		8/28/2017		
		8/29/2017		
		9/15/2017		
		9/18/2017		
		9/19/2017		
		9/22/2017		
		9/26/2017		
		9/29/2017		
		10/2/2017		
		10/4/2017		
		10/6/2017		
		10/10/2017		
		10/11/2017		



## MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition	Village of Ardsley
-----------------------	--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

[illegible]

\*\* CT= CHRISTMAS TREES

## MS4 Annual Report Form

This report is being submitted for the reporting period ending March 9, 2018

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

Name of MS4/Coalition	Village of Ardsley
-----------------------	--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

## Catch Basin Internal Clean-out

[illegible]



### MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

### Incident Report

Location (st/cross st)	Description (water main, sewage)	Date incident	Repair (DPW or other)	Date repaired
ELM STREET	SEWER	3/5/2017	GREENBURGH	SAME
RIDGE RD	WATER	4/13/2017	SUEZ	4/16/2017
9A @ MACY PARK	SEWER	4/26/2017	GREENBURGH	SAME
9A @ SC	SEWER	6/6/2017	GREENBURGH	6/6/2017
15 PARK AVE	SEWER	6/19/2017	GREENBURGH	SAME
9A/SHOPPING	SEWER	8/14/2017	DPW	SAME
9A/REVOLUTION	SEWER	9/19/17	GREENBURGH	SAME
HUNTLEY DR.	WATER MAIN	12/31/17	SUEZ	1/6/18
GLEN RD.	WATER MAIN	1/5/18	SUEZ	1/16/18
REVOLUTIONARY	WATER MAIN	1/9/18	SUEZ	1/12/18
9A/SHOPPING	WATER MAIN	1/12/18	SUEZ	1/14/18
9A/HEATHERDELL	WATER BOX	1/13/18	SUEZ	1/19/18
PLAINVIEW	WATER MAIN	1/15/18	SUEZ	1/18/18

**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley									
--------------------	--	--	--	--	--	--	--	--	--

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Road Repair**

Location (st/cross st)	Material	Amount (tons)	Date of use
VARIOUS	PHK	8	3/21/2017
VARIOUS	CURB MIX	5	3/29/2017
VARIOUS	CURB MIX	6	3/30/2017
VARIOUS	CURB MIX	6	4/3/2017
VARIOUS	CURB MIX	5	4/5/2017
VARIOUS	CURB MIX	4	4/7/2017
VARIOUS	CURB MIX	4	4/10/2017
VARIOUS	CURB MIX	4	4/11/2017
VILLAGE PARKING LOTS	7F	5	5/4/2017
VARIOUS	7F	5	5/11/2017
MCCORMICK, BRIDGE, CROSS	7F	4	6/1/2017
VARIOUS	CURB MIX	6	6/8/2017
VARIOUS	CURB MIX	5	6/22/2017
RIDGE, BONAVENTURE, KING	7F	4	6/26/2017
VICTORIA, HUNTLEY, OVERLOOK	7F	3	7/10/2017
VARIOUS	CURB MIX	4	7/11/2017
BEACON HILL, COLUMBIA, CONCORD	7F	3	8/31/2017
VILLAGE HALL, BRIDGE ST.	7F	3	9/3/2017
REPAVE VILLAGE HALL LOT	7F	216	10/10/2017
REPAVE PROSPECT AVE	7F	689	10/12/2017
REPAVE BONAVENTURE	7F	312	11/1/2017
REPAVE ABBINGTON	7F	1149.8	11/13/2017
REPAVE MCCORMICK DR.	7F	526.5	10/10/2017
REPAVE MAJOR APPLEBY	7F	479.5	10/25/2017
REPAVE LOOKOUT	7F	288	10/25/2017
REPAVE CONCORD, CROTON COURT	7F	648	10/27/2017
VARIOUS	COLD PATCH	6	1/31/2018
VARIOUS	COLD PATCH	5	2/5/2018



**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Road Salt Application**

<b>Village (total) or Neighborhood (name)</b>	<b>Amount</b>	<b>Condition</b>	<b>Date applied</b>
VILLAGE	6	SNOW	3/10/2017
VARIOUS	3	ICE	3/13/2017
VILLAGE	12	SNOW/SLEET 15"	3/14/2017
VILLAGE	15	SNOW 12"	3/15/2017
VARIOUS	5	ICE	3/16/2017
VARIOUS	5	ICE	3/17/2017
VARIOUS	3	RUNOFF REFREEZE	3/20/2017
12/9/2017	8	SNOW	12/9/2017
VARIOUS	3	ICE	12/10/2017
VILLAGE	8	SNOW	12/14/2017
VARIOUS	3	ICE	12/15/2017
VARIOUS	2	ICE	12/16/2017
VARIOUS	2	ICE	12/18/2017
VILLAGE	8	SNOW	12/25/2017
VARIOUS	6	ICE, WATER MAIN BREAK	12/26/2017
VARIOUS	3	WATER MAIN BREAK	12/27/2017
HUNTLEY DR.	1.5	WATER MAIN	12/31/2017
VILLAGE	18	SNOW	1/4/2018
VARIOUS	4	ICE	1/5/2018
VARIOUS	4	ICE	1/6/2018
REVOLUTIONARY&9A	6	WATER MAIN	1/8/2018
REVOLUTIONARY, 9A, HEATHERDELL	12	WATER MAINS	1/13/2018
REVOLUTIONARY, 9A, HEATHERDELL	10	WATER MAINS	1/14/2018
REVOLUTIONARY, 9A, HEATHERDELL	12	WATER MAINS	1/15/2018
GLEN RD., PLAINVIEW	6	WATER MAINS	1/15/2018
VILLAGE	12	SNOW	2/17/2018
VILLAGE	8	SNOW	2/18/2018

### MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

### 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	DATE	ROUTES
3/1/2017	HN,HS	9/11/2017	HN,HS,BD
3/3/2017	AS,AN,BD	9/12/2017	AS,AN,BD
3/6/2017	BD,SCHOOLS,PARKS	9/27/2017	HS,HN,LOTS,PARKS
3/22/2017	HN,HS	9/28/2017	AS,AN,BD
3/23/2017	AS,AN,BD	10/2/2017	HN,HS,BD
3/31/2017	BD,AS	10/3/2017	AS,AN,BD
4/11/2017	HN,HS,BD	10/17/2017	HN,HS,LOTS
4/12/2017	AS,AN	10/18/2017	AS,AN,PARKS
4/13/2017	BD,PARKS,LOTS	10/26/2017	HN,HS,BD
4/20/2017	HN,HS,BD	10/27/2017	AS,AN,LOTS
4/21/2017	AS,AN	10/30/2017	BD,LOTS,PARKS,9A
6/1/2017	HN,HS,BD	10/31/2017	HN,HS,BD
6/5/2017	AS,PARKS,LOTS	10/31/2017	AS,BD,LOTS
6/6/2017	AN,BD	11/29/2017	HN,HS,LOTS
6/21/2017	HN,HS,BD	11/30/2017	AS,AN,BD
6/22/2017	AS,AN	12/20/2017	HN,HS,9A
6/27/2017	BD,PARKS,LOTS	12/21/2017	AS,AN
7/10/2017	HS,HN,BD	2/1/2018	AN,AS,BD
7/11/2017	AS,AN,ELM ST	2/5/2018	HS,HN,LOTS
7/24/2017	HS,HN,BD	2/6/2018	9A,LOTS,PARKS,BD
7/25/2017	AS,AN,PARKS	2/14/2018	AN,AS,BD
8/1/2017	HS,HN,BD	2/15/2018	HS,HN,LOTS
8/2/2017	AS,AN,LOTS	2/21/2018	AN,AS,PARKS
8/16/2017	HS,HN,PARKS	2/22/2018	HS,HN,BD
8/17/2017	AS,AN,BD		
8/19/2017	BD,PARKS,LOTS,9A		



**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Vehicle Maintenance**

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
PICKUP	7	STEAM CLEAN	3/15/17
PICKUP	6	STEAM CLEAN	3/1/17
PICKUP	9	STEAM CLEAN	3/1/17
DUMP TRUCK	1	STEAM CLEAN	3/1/17
DUMP TRUCK	3	STAEAM CLEAN	3/1/17
DUMP TRUCK	5	STEAM CLEAN	3/1/17
LOADER	PL	STEAM CLEAN	3/1/17
TRACTOR	JD 1	ROUTINE MAINT.	3/2/17
CHARGER	#98	TUNE UP & OIL CHANGE	3/2/17
Packer	16	HYDRAULIC HOSE	3/5/17
PACKER	16	CHANGE 6 TIRES	3/21/17
DUMP	2	MAINTENANCE	3/22/17
DUMP	11	MAINTENANCE	3/23/17
DUMP	2	CHANGE 4 TIRES	3/28/17
CHARGER	94	MAINTENANCE	3/31/17
PICK UP	7	MAINTENANCE	4/4/17
PACKER	12	STEAM CLEAN	4/5/17
PACKER	8	STEAM CLEAN	4/5/17
PACKER	14	STEAM CLEAN	4/5/17
DUMP	5	MAINTENANCE	4/6/17
DUMP	3	MAINTENANCE	4/6/17
TRACTOR	JD 2	MAINTENANCE	4/7/17
TRACTOR	JD 3	MAINTENANCE	4/7/17
Explorer	94	MAINTENANCE	4/17/17
Packer	16	REPAIR OIL LEAK	4/19/17
PICK UP	7	REPLACE BRAKES	4/19/17
DUMP	11	LUBE & GREASE	4/21/17
TAHOE	96	MAINTENANCE	4/25/17
SWEEPER	VAC	MAINTENANCE	4/26/17
PACKER	8	REPLACE SPRINGS	4/28/17
TAHOE	HW 1	WASH	4/28/17
PACKER	15	MAINTENANCE	5/2/17
PACKER	15	REPLACE BRAKES	5/3/17

**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Vehicle Maintenance**

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
PACKER	14	MAINTENANCE	5/15/17
TAHOE	2013	WASH	4/15/17
TRACTOR	JD 2	HYDRAULIC LEAK	5/16/17
PACKER	16	HYDRAULIC HOSE	5/19/17
PICK UP	6	MAINTENANCE	5/22/17
PACKER	14	HYDRAULIC LEAK	5/22/17
DUMP	11	STEAM CLEAN	5/24/17
DUMP	5	STEAM CLEAN	5/24/17
PACKER	8	STEAM CLEAN	5/24/17
PACKER	8	STEAM CLEAN	5/24/17
PACKER	14	STEAM CLEAN	5/24/17
PACKER	15	STEAM CLEAN	5/24/17
PICK UP	6	DIAGNOSTICS	5/25/17
SUBURBAN	BI	MAINTENANCE	5/26/17
PACKER	16	OIL LEAK	5/30/17
SWEeper	VAC	REPLACE BROOM	6/1/17
PACKER	15	CHANGE 8 TIRES	6/5/17
PICK UP	4	REPLACE BRAKES	6/6/17
PICK UP	4	REPLACE SEALS AXLE	6/7/17
PICK UP	9	REPLACE 4 TIRES	6/9/17
PICK UP	7	REPLACE BRAKE LINE	6/13/17
PACKER	14	REPLACE BRAKE VACCUM	6/14/17
DUMP	3	REPLACE BRAKE DRUMS	6/15/17
DUMP	3	MAINTENANCE	6/16/17
EXPLORER	96	DIAGNOSTICS	6/16/17
POLICE	95	MAINTENANCE	6/19/17
TAHOE	2013	REPLACE 2 TIRES	6/20/17
PACKER	16	REPLACE BRAKE LINE	6/20/17
PICK UP	4	WASH	6/23/17
PICK UP	6	WASH	6/23/17
PICK UP	7	WASH	6/23/17
PICK UP	9	WASH	6/23/17
DUMP	1	WASH	6/23/17



**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Vehicle Maintenance**

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
DUMP	11	REPLACE STEERING LINKAGE	6/27/17
LOADER	PL	REPLACE HYDRAULIC LINE	6/30/17
PACKER	8	WASH	6/30/17
PACKER	12	WASH	6/30/17
PACKER	14	WASH	6/30/17
PACKER	15	WASH	6/30/17
PACKER	16	WASH	6/30/17
PAYLOADER	PL	LUBE & GREASE	7/3/17
POLICE	97	MAINTENANCE	7/5/17
PACKER	14	REPLACE FUEL LINE	7/6/17
POLICE	95	REPLACE BRAKES,OIL CHANGE	7/10/17
PACKER	8	REPLACE 8 TIRES	7/12/17
PACKER	14	MAINTENANCE	7/13/17
TAHOE	HW 1	MAINTENANCE	7/19/17
TAHOE	2013	MAINTENANCE	7/19/17
TAHOE	2012	MAINTENANCE	7/20/17
PACKER	15	REPLACE FREON	7/21/17
POLICE	98	REPLACE STRUTS & LINKAGE	7/24/17
PACKER	12	REPLACE 2 BATTERIES	7/24/17
SWEEPER	VAC	REPAIR LEAKS WATER TANK	7/27/17
SWEEPER	VAC	MAINTENANCE	7/27/17
PACKER	16	CLEAR REGEN	7/28/17
PACKER	16	REPLACE ALL FILTERS	7/31/17
PACKER	15	REPAIR HYDRAULIC LEAK	8/1/17
DUMP	3	REPLACE PUMP	8/2/17
PACKER	8	REPAIR HYDRAULIC PUMP	8/4/17
SWEEPER	VAC	WASH	8/4/17
DUMP	3	WASH	8/4/17
DUMP	5	WASH	8/4/17
TAHOE	HW 1	WASH	8/4/17
SUBURBAN	BI	WASH	8/4/17
TRACTOR	JD 1	REPACE STEERING LINE	8/8/17
TRACTOR	JD 2	REPLACE ALL HYDRAULIC LINES	8/10/17

**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley									
--------------------	--	--	--	--	--	--	--	--	--

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Vehicle Maintenance**

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
PICK UP	6	REPLACE BEARINGS	8/10/17
PICK UP	10	REPAIR RADIATOR LEAK	8/10/17
PACKER	14	REPLACE FUEL PUMP	8/14/17
POLICE	98	REPLACE BATTERY	8/14/17
PACKER	14	PTO	8/15/17
POLICE	97	MAINTENANCE	8/17/17
POLICE	95	REPAIR RADIATOR	8/18/17
POLICE	97	DIAGNOSTICS	8/18/17
PICK UP	6	WASH	8/18/17
PICK UP	7	WASH	8/18/17
PICK UP	10	WASH	8/18/17
PICK UP	9	WASH	8/18/17
TAHOE	HW 1	WASH	8/18/17
TAHOE	2011	WASH	8/18/17
POLICE	95	REPLACE FAN	8/21/17
PACKER	8	STEAM CLEAN	8/25/17
PACKER	12	STEAM CLEAN	8/25/17
PACKER	14	STEAM CLEAN	8/25/17
PACKER	15	STEAM CLEAN	8/25/17
PACKER	16	STEAM CLEAN	8/25/17
POLICE	94	BRAKE LEAK	8/25/17
BUCKET	BT	MAINTENANCE	8/31/17
BUCKET	BT	REPLACE HYDRAULIC HOSE	9/1/17
SWEEPER	VAC	REPLACE SIDE BROOMS	9/1/17
PACKER	14	REPLACE FUEL TANK	9/5/17
PACKER	15	REPLACE PACKER LINE	9/6/17
PACKER	16	FRONT END LEAK	9/8/17
FIRE	165	REPLACE PUMP MOTOR	9/8/17
PICK UP	6	MAINTENANCE	9/12/17
PACKER	16	REPAIR HYDRAULIC LEAK	9/12/17
POLICE	CC	REPLACE 4 TIRES	9/13/17
DUMP	5	MAINTENANCE	9/14/17
POLICE	DC	MAINTENANCE	9/15/17



**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Vehicle Maintenance**

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
PICK UP	9	REPLACE 4 TIRES	9/18/17
PICK UP	6	UNDERCOAT	9/19/17
PACKER	15	STARTER	9/20/17
DUMP	3	MAINTENANCE	9/26/17
POLICE	97	DIAGNOSTICS	9/26/17
DUMP	5	REPLACE 4 TIRES	9/27/17
PAYLOADER	PL	REAIR 2 TIRES	9/28/17
DUMP	1	MAINTENANCE	9/28/17
PACKER	16	TRANSMISSION	9/29/17
TAHOE	HW 1	ROAD SERVICE	10/2/17
TAHOE	HW 1	REPLACE BATTERY	10/3/17
DUMP	1	REPAIR SPREADER MOTOR	10/3/17
DUMP	1	MAINTENANCE	10/4/17
POLICE	94	REPLACE BATTERY	10/10/17
POLICE	98	REPAIR FUEL LEAK	10/10/17
PACKER	14	REPLACE FUEL PUMP	10/11/17
PACKER	16	REPLACE DRIVE SHAFT	10/12/17
PICK UP	6	WASH	10/13/17
PICK UP	7	WASH	10/13/17
PICK UP	9	WASH	10/13/17
PICK UP	10	WASH	10/13/17
SWEeper	VAC	WASH	10/13/17
BUCKET	BT	WASH	10/13/17
TAHOE	HW 1	WASH	10/13/17
PACKER	14	REPLACE HOSE	10/16/17
SUBURBAN	BI	REPLACE 4 TIRES	10/16/17
DUMP	11	FRONT END	10/19/17
PACKER	12	MAINTENANCE	10/20/17
BUCKET	BT	INSPECTION	10/26/17
DUMP	3	INSPECTION	10/26/17
DUMP	11	INSPECTION	10/27/17
PACKER	8	INSPECTION	10/30/17
PACKER	12	INSPECTION	10/30/17

**MS4 Annual Report Form**This report is being submitted for the reporting period ending March 9, 

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley									
--------------------	--	--	--	--	--	--	--	--	--

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

**Vehicle Maintenance**

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
PACKER	14	INSPECTION	10/30/17
PACKER	15	INSPECTION	10/30/17
DUMP	3	SPREADER ASSEMBLY	11/2/17
DUMP	1	SPREADER ASSEMBLY	11/2/17
PACKER	8	POWER STEERING LEAK	11/6/17
PICK UP	10	INSTALL SPREADER	11/7/17
PICK UP	10	INSTALL BATTERY	11/8/17
TRACTOR	JD 3	STABILIZER	11/8/17
TAHOE	HW 1	REPLACE 2 TIRES	11/9/17
PICK UP	6	INSTALL SPREADER	11/13/17
PICK UP	7	INSTALL SPREADER	11/13/17
SWEeper	VAC	REPAIR HYDRAULIC LEAK	10/20/17
PICK UP		REPAIR FUEL LEAK	10/20/17
PICK UP	4	REPLACE MOTOR	12/4/17
DUMP	5	REPLACE PLOW MOTOR	12/5/17
DUMP	1	REPLACE PLOW LIFT	12/6/17
PICK UP	6	REPLACE SPREADER CHAIN	12/6/17
POLICE	96	REPLACE BRAKES	12/7/17
PICK UP	6,7,9,10	POWER WASH	12/11/17
DUMP	1,3,5,11	POWER WASH	12/12/17
TRACTOR	JD1,2,3	POWER WASH	12/12/17
BUCKET	BT	MAINTENANCE & LIFT	12/13/17
PICK UP	6,7,9,10	SALT WASH	12/14/17
DUMP	1,3,5,11	SALT WASH	12/14/17
TRACTOR	JD 1	REPLACE BLOWER MOTOR	12/15/17
PACKER	15	MAINTENANCE	12/18/17
PACKER	14	MAINTENANCE	12/18/17
PICK UP	7	REPLACE SPINNER MOTOR	12/18/17
POLICE	99	MAINTENANCE	12/21/17
PICK UP	6,7,9,10	SALT WASH	12/26/17
DUMP	1,3,5,11	SALT WASH	12/26/17
PICK UP	6	PLOW CONTROLLER	12/27/17
TRACTOR	JD 2	REPLACE CHAIN	12/29/17



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition	Village of Ardsley
-----------------------	--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

## Vehicle Maintenance

[illegible]

## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

<b>Used Oil Storage Tank:</b>		(used oil pick up is documented in separate Highway Foreman file)					
	<b>Date:</b>	4/13/2017					
	<b>Volume (gallons):</b>	50 gal					
	<b>Condition:</b>	fully enclosed with sign "Motor Oil only"					
<b>Motor Fluids:</b>							
	<b>Date:</b>	4/13/2017					
	<b>Volume (gallons):</b>	2 X 5 gal	2 X 50 gal	2 X 50 gal	1 X 50 gal	1 X 50 gal	
	<b>Type:</b>	Hyd oil	Trans	10W30	5W20	5W30	
<b>(antifreeze, transmission, etc.)</b>		fluid					
	<b>Condition:</b>	good	good	good	good	good	
<b>Solvents:</b>							
	<b>Date:</b>	4/13/2017					
	<b>Volume (gallons):</b>	4 X 5 gal	1 X 50 gal	1 X 50 gal			
	<b>Type:</b>	sealant	ethylene glycol	engine wash			
<b>(alcohol, acetone, etc.)</b>							
	<b>Condition:</b>	good	good	good			
<b>Paint:</b>							
	<b>Date:</b>						
	<b>Volume (gallons):</b>	4/13/2017					
	<b>Type:</b>	5 X 5gal	3 X 1gal				
<b>(oil, latex, enamel, etc.)</b>		traffic pt	latex				
	<b>Condition:</b>	good	goo				
<b>Spill Kit:</b>							
	<b>Date:</b>	4/13/2017					
	<b>Condition:</b>	good					
<b>Fire Extinguishers:</b>		(there are five fire extinguishers in the Highway Garage facility)					
	<b>Date:</b>	4/13/2017					
	<b>Condition:</b>	good					
<b>(Salt and Sand Storage and Use cataloged elsewhere)</b>							



## MS4 Annual Report Form

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

2	0	1	8
---	---	---	---

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

Name of MS4/Coalition 

Village of Ardsley
--------------------

SPDES ID

N	Y	R	2	0	A	3	1	6
---	---	---	---	---	---	---	---	---

<b>Used Oil Storage Tank:</b>		(used oil pick up is documented in separate Highway Foreman file)					
	<b>Date:</b>	12/6/2017					
	<b>Volume (gallons):</b>	empty					
	<b>Condition:</b>	good					
<b>Motor Fluids:</b>							
	<b>Date:</b>	12/6/2017					
	<b>Volume (gallons):</b>	1 X 5 gal	1 X 50 gal	3 X 50 gal	1 X 50 gal	1 X 50 gal	
	<b>Type:</b>	lube	15W40	AW32	syn oil	10W30	
<b>(antifreeze, transmission, etc.)</b>							
	<b>Condition:</b>	good	good	good	good	good	
<b>Solvents:</b>							
	<b>Date:</b>	12/6/2017					
	<b>Volume (gallons):</b>	1 X 5 gal	1 X 50 gal	1 X 50 gal	1 X 50 gal		
	<b>Type:</b>	thinner	exhaust	truck	ethylene		
<b>(alcohol, acetone, etc.)</b>			fluid	wash	glycol		
	<b>Condition:</b>	good	good	good	good		
<b>Paint:</b>							
	<b>Date:</b>	12/6/2017					
	<b>Volume (gallons):</b>	9 X 5 gal	1 X 5 gal	6 X 1 gal			
	<b>Type:</b>	traffic	driveway	latex			
<b>(oil, latex, enamel, etc.)</b>		paint	sealer				
	<b>Condition:</b>	good	good	good			
<b>Spill Kit:</b>							
	<b>Date:</b>	12/6/2017					
	<b>Condition:</b>	good					
<b>Fire Extinguishers:</b>		(there are five fire extinguishers in the Highway Garage facility)					
	<b>Date:</b>	12/6/2017					
	<b>Condition:</b>	good					
<b>(Salt and Sand Storage and Use cataloged elsewhere)</b>							