This report is being submitted for the reporting period ending March 9, 2 0

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Name of MS4/Coalition VILLAGE OF ARDSLEY

SPI	DES	ID						
И	Y	R	2	0	3	1	6	

<u>Page</u>	Appendix Item
1	Stormwater Online Survey
2	Ardsley School District and Village Newsletter Articles
3	Literature Log
4	Scout Clean up and Erosion Awareness Event Photos
5	Village of Ardsley Drainage Map
6 - 13	Outfall Inspection Sheets 3/2008 – 3/2009
14 – 22	Department of Public Works Log Sheets 3/2008 – 3/2009

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Village of Ardsley Phase II Stormwater Management Survey

We're trying to clean up all the waters of the United States, including the ones right here in Ardsley – the Saw Mill River and the Sprain Brook.

To help us out, please take a minute to fill out our survey.
1. Keeping more runoff water on your own property is a big help.
Do your roof drains run to a dry well? Yes No Have you put in a dry well in the last five years? Yes No Have you redirected your downspouts onto your lawn or into your garden? Yes No Do you use a rain barrel? Yes No Would you consider using a rain barrel? Yes No
Information about rain barrels, rain gardens and more, www.marc.org/Environment/water .
2. Using less pesticide, herbicide and fertilizer on your property keeps them out of our water.
Do you use lawn chemicals sparingly? Yes No Have you replanted some lawn with plants or a rain garden? Yes No Do you use alternative methods (native plants, compost, soil testing)? Yes No Would you consider using alternative methods? Yes No
www.grassroots.org is a great resource for alternate methods.
3. We need to use less salt and sand in the winter to keep them out of the water, too.
Do you try to break up your driveway ice instead of salting? Yes No Do your downspouts empty onto the driveway? Yes No Do downspouts empty into the street (water runs down street before getting to drain)? Yes No Have you fixed your leaky gutters so they don't cause icy buildup on the walkways? Yes No
These may be problems, so please make a note for fixing them in the spring.
4. Pet waste can be a big source of water pathogens.
Do you always pick up after your dog? Yes No I don't have a dog Do you dispose of the waste in a trash barrel or carry it home for proper disposal? Yes No
Never throw pet waste or anything else into the storm drains. They are for runoff water only.
Thanks so much for taking the survey!
Please indicate if you are an Ardslev resident: Yes No

Appendix – page 1

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SPDES ID N Y R 2 0 A 3 1

The Ardsley Villager

STORMWATER NEWS: H₂O = \$

Yes, water conservation makes "cents" (sense)! It's expensive to chlorinate our drinkable water and treat wastewater. Here are some summer garden tips: buy hardy, native plants which require less herbicide, pesticide and water, mow lawns less frequently to develop strong roots, don't over water and try using a rain barrel to collect water for your plants. Save money and reduce polluted runoff,

The Stormwater Annual Report 2007-8 is now available at www.ardsleyvillage.com, Village Hall and the Library. NYSDEC has issued a new SPDES permit to the Village covering May 1, 2008 to April 30, 2010. Stormwater Management Program continues, Annual Reports in June.

September 2008

Lastly, looking for a change of scene that's "fuel-friendly"? Visit the Bronx River. There's a great hiking and biking path and two Stormwater spots to visit. Park at

the Crestwood RR station in Tuckahoe and walk a few yards north on the trail to the Management Demo garden. Also, stop by the County Center parking lot in White Plains and check out progress on conversion to a SW Management Practices Demo. Bronx River clean-up is ongoing and a healthier waterway will benefit all of us. Keep up the good work helping to make our water cleaner and have a great summer!

The Ardsley Villager

STORMWATER NEWS: **MUDDY WATERS**

No, we're not singin' the blues. That is unless your backyard construction project is washing dirt into the street with every rainstorm The Village has had an Erosion and Sedimentation Control (ESC) on the books since 2005. NYSDEC is requiring an update of that Law to ensure certification of

SWPPP's (Stormwater Pollution Prevention Plans). Just to check up, you need a SWPPP if your project exceeds one acre, is a teardown of any size, is new construction of any size on a previously undeveloped lot or is part of a multi-unit development project. Make sure your contractor is in compliance.

Last tip of the soundon't over-water. We've made of rain. Turn off that automatic sprinkler timer and check that your watering pattern doesn't include the street or driveway.

Fall is coming. Place those leaves in biodegradable bags, and keep our storm drains clear. Thanks for making our water cleaner! Lorraine Kuhn, SWM Asst

RECYCLING: Two large plastic containers were recently in Ashford Park and McDowall Park for use by the general public. It is hoped that these will be the first of several set up around the heavily pedestrian trafficked areas of the Village for bottles and cans particularly near bus stops. Thus far, the ones set up in the parks have proven to be very popular since the DPW has to

empty them often. containers were the suggestion of Environmental Action Committee chaired by Susan Porcino.

THE POOPER SCOOPER LAW

Word has reached our offices that dog walkers are not picking up after their pets. Please be advised that there is a local law prohibiting this action, and that observance of this law is not optional.

Section 190-10 of the Ardsley Village Code states that:

"No person owning, harboring, keeping or in charge of any dog shall cause, suffer, or allow such dog to soil, defile, defecate on, or commit any nuisance on any common thoroughfare sidewalk, passageway, bypath, play area, park, or ay place where people

congregate or walk or upon any public property whatsoever or upon any private property without the permission of the owner of said property . . . The person who curbs a dog shall immediately remove all feces deposited by such by any sanitary method

Therefore, if you are the owner of a dog or in charge of one, please pick up after the pet. No one should have to experience the indignity of stepping into what dogs leave behind on front walks, driveways, or lawns. If a dog or dog owner is causing a nuisance in your neighborhood, please contact the Police Desk (693-1700) immediately. There is little the Police can do once the dogs and their walkers have departed. I thank you in advance for your cooperation in this matter. -George F. Calvi, Village Manager

December 2018

The Ardsley Villager

et distinguish coher vita a round it in com-

STORMWATER UPDATE:

"P" for Phosphorous, that is! The Environmental Subcommittee of the County Board of Legislators is hard at work on regulations to lower the phosphorous content of lawn fertilizer. The law is not yet final, but the message is clear. Too much fertilizer running off lawns is causing algae overgrowth and very poor water quality in our lakes and streams. You can do your part right now by reducing your use of lawn fertilizer and/or asking your landscaper to do so. too.

You can also help out by using less chemical pesticide. ICM (Integrated Cultural Management) is a lawn and garden technique using native plants and grasses, compost "tea" and even beneficial fungi. For more information. www.grassrootsinfo.org.

Winter's on its way and we all appreciate the incredible efforts of Highway Dept to keep our roads clear and safe. But our road salt needs a home! We're happy to report that Advanced Storage Technology, which designs salt shed for groups across the State including the NYS Thruway Authority, is busy preparing plans for Ardsley's salt shed on Elm Street, Fish and other aquatic life in the Saw Mill River will cheer this runoff water quality improvement. Expect construction in summer 2009.

It's a good idea to limit home pavement salting as much as possible, too. And it's never too early to plan a spring water quality improvement project. The Village may try a porous pavement application in Bicentennial Park. The pathway may be replaced with a Geogrid system or Flexi-pave, a porous pavement made from recycled tires. Either way, stormwater runoff will get a better chance to get back into the ground.

Watch for Ardsley's Rain Barrel drive coming this spring and thanks for keeping our water cleaner! - Lorraine



Ardsley Union Free School District

THE CONNECTION

knale 100

Intergraded Pest Management (IPM)

is a process for managing, preventing and suppressing pests with minimal impact on human health, the environment and non-target organisms. IPM incorporates all reasonable measures by properly identifying, monitoring and controlling pests through the use of cultural, physical, biological and chemical control methods to reduce pests to acceptable levels. Pesticides are only used as a last resort, and if pesticides are needed, the lease toxic pest-specific alternative is always selected. It is rare that we have to use a pesticide. There were no pesticides used in any of our buildings last year. Pesticide Neighbor Notification

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

- Pesticide products may be used periodically throughout the school year.
- Schools are required to maintain a list of parents, guardians and staff who wish to receive 48-hour written advanced notice of an actual pesticide application.
- The name of the school representative to contact for further information.

If you have any pesticide related questions, please call Joseph Urbanowicz, Director of Facilities and Transportation, at 914-693-6300 X 2208. If you would like to register to receive a written notification 48 hours prior to an actual application, please write to Mr. Urbanowicz at Ardsley UFSD, 500 Farm Road, Ardsley, NY 10502 indicating that you would like to be put on a list.

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		$\overline{}$	_	•	_	_	_	_	_	$\overline{}$

Item: Literature Distribution Log – number of copies taken (3/10/2008 – 3/10/2009)

LOCATION											
	"After the Storm" (EPA 833 B03002)	"Make Your Home the Solution to SW Pollution" (EPA 833B03003)	"Grassroots Healthy Lawns" (Grassroots/ Westchester County Planning)	"New Req's for Small Construc Projects" (NYSDEC)	"When It Drains" bookmark (Hudson River Estuary)	"Don't Dump, Drains to Saw Mill River" Bumper sticker (SMRC)	"Step by Step" (LI Sound Study EPA)	"Guide to Living in Harmony with Streams" (Chemung County 2006)	"Green Cycle" (Westchester County Planning)	"Geosynthetics for SW Management" (ACF Environmental /Westchester County Planning)	Outreach Letters
Village Hall		5	3	4		7	1				
Library		12	23			3	6	2	5		
SMO										1	
AHS AP	3	3				3		1			
Env Sci											
class											
Earth Day		5			13						
Erosion											
Awareness											
event	0										
League of	9										
Women											
Voters											
meeting	1.1										1.1
Business	11										11
Outreach	4										4
Outfall	4										4
Testing											

Other items distributed: 17 Village of Ardsley SW Program refrigerator magnets given out at Eath Day Erosion Awareness event.

- 2 Construction BMP posters given out at LWV meeting.
- 1 Construction BMP poster given out during **Outfall Testing**.

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Bicentennial Planting / Erosion Awareness Event



















Brownie Scout Planting Event

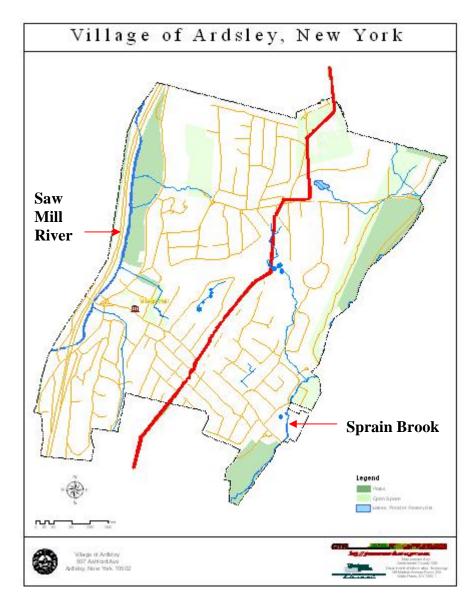
Appendix – page 4

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Name of MS4/Coalition VILLAGE OF ARDSLEY N Y R 2 0 A 3 1

Village of Ardsley Watershed Map



Saw Mill River Watershed:

(H-4 1301-0007, 303d listed) POC – floatables, chlordane

Bronx River Watershed:

(ER-3 1702-0107, 303d listed)

POC – dissolved oxygen/oxygen demand, pathogens



VILLAGE OF ARDSLEY

MS4 Annual Report period ending March 9, 2009

NYR20A316

OUTFALL B	ECONN	AISSANCE	INVENTO	RV/SAMPLE	COLLECTION	FIELD SHEET

Section 1: Background Data	YUGUE
Subwatershot: Sorgin Brook	Outfall ID: AZ 35
Today's date: 3 10 2008	Time (Military): 3,4 \ P, M.
Investigances: Japing, Kuhn	Form completed by: X4 Kuhn
	Ott Last 48 hours: Ott
Latitutde: N 410 . 7 [5 Longitude: W 73 50 .031	GPS Unit: GPS LMK #:
Camera:	Photo #s:
Land Use in Drainage Area (Check all that apply):	
☐ Industrial	☐ Open Space
Ultra-Urban Residential	☐ Institutional
☑ Suburban Residential	Other: Ardsley High School
Commercial	Known Industries:
Notes (e.g., origin of outfall, if known): Alaryton Road	

Section	2:	Outfall	Descrip	tion

LOCATION	MATERIAL	/	SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	RCP CA PVC HD Steel Other:		Single Double Triple Other:	Diameter/Dimensions:	In Water: No Partially Fully With Sediment: No Partially Pully Pully
☐ Open drainage	☐ Concrete ☐ Earthen ☐ rip-rap / ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when colle	cting samples)			
Flow Present?	☐ Yes / D	No If No.	Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Mo	derate Substantial			

		FIELD DATA FOR FLOWING OUT	TFALLS	
P	ARAMETER	RESULT	UNIT	EQUIPMENT
□Flow #1	Volume		Liter	Bottle
	Time to fill		Sec	
	Flow depth	3"	In	Tape measure
Flow#2	Flow width	1 8 -	Ft, In	Tape measure
	Measured length	9. 6.	Ft, In	Tape measure
	Time of travel	7.06, [1:31 , 5:44 , 7.79, 9.19 -	S	Stop watch
	Tomperature	46	ok.	Thermometer
	pH	0,5	pH Units	Test strip/Probe
	Ammonia	0 /	Tym.	Test strip

>931,931 Averate = 55.1 gal/min

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Subwintershed: Saw Mill River	Outfall ID: OF 172 / A7 17
Today's date: 3/17/2008	Time (Military): 3:45 P.W.
Investigators: Japasa, Kuhn	Form completed by:
Temperature (°F): 30 Rainfall (in.): Last 2	24 hours: 0 11 Last 48 hours: 0 11
Latitutde: N 5/00,801 Longitude: W 73°50,7	7 GPS Unit: GPS LMK #:
Camera:	Photo #s:
and Use in Drainage Area (Check all that apply):	
☐ Industrial	Dopon Space
Ultra-Urban Residential	☐ Institutional
Suburban Residential	oner Decicco Stip Mell, Bicenternial Roh
Commercial	Known Industries:
Notes (e.g, origin of outfall, if known): Q - Ve Q A	

on 2: Outfall Description

LOCATION	MATERIAL	/ 5	HAPE/	DIMENSIONS (IN.)	SUBMERGED
☑ Closed Pipe	CMP PVC HDPE Steel Other: 6 CC A M	Circular Eliptical Box Other:	Single Double Triple Other:	Diameter/Dimensions:	In Water: No Partially Fully With Sediment: No Partially Fully Fully Fully Fully
Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)			
Flow Present?	Yes 🗆 No	Jf No. 3	ikip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderas	Substantial			

Section 3: Quantitative Characterization

		FIELD DATA FOR FLOWING	OUTFALLS		
Р	ARAMETER	RESULT	UNIT	EQUIPMENT	
□Flow#1	Volume		Liter	Bottle	
	Time to fill		Sec		
	Flow depth	٤')	ln	Tape measure	
☐Flow #2	Flow width	<u>2 . 10 .</u>	Ft, In	Tape measure	
	Measured length	5. 9.	Ft, In	Tape measure	
	Time of travel	7,60,6.75,6.71,42,7.37.	S	Stop watch	
	Temperature	440	°F	Thermometer	
	pH	6.0	pH Units	Test strip/Probe	
	Ammonia	0	mp/L	Test strip	
pHo-9 a	e7.16.4		-	rate = 270.3 gal/m	

\$ 6.35,6.00 Are rate = 270.3 gat/min

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

INDICATOR	CHECK if Present				(1-3)
Odor	- No	Sewage Ranoid/sour Petroleum/gas Sulfide Other:	1 - Faint	2 - Fasily detected	3 - Noticeable from a distance
Color	- NO	□ Clear □ Brown □ Gray □ Yellow □ Green □ Orange □ Red □ Other:	☐ 1 — Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	- n 10	See severity	☐ 1 — Slight cloudiness	2 - Cloudy	3 - Opaque
Flourables -Does Not Include Trashil	ø/	Sewage (Toilet Paper, etc.) Syds Petroleum (cil sheen) Pother: 5 9 1	1 - Few5light; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

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

INDICATOR	CHECK if Present	resent? Ves No (If No. Skip to Section b) DESCRIPTION	COMMENTS
INDICATOR	CHECK II Present	DESCRIPTION	COMMENTS
Outfall Damage	120	S Spalling, Cracking or Chipping. Peeling Paint Cornstop	
Deposits/Stains	63	☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation	- no	Excessive Inhibited	
Poor pool quality	0 NO	Odors Colors Floatables Oil Sheen Sods Excessive Algae Other:	
Pipe benthic growth	- NO	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Pipe benthic growt	h		10	Brown	☐ Orange	Green	Other:				
Sectión 6: Overall	Outfall Char	acteriza	tion								
Unlikely	Unlikely Detential (presence of two or more indicators)			cators)	Suspect (o	ne or more in	dicators with a	severity of 3)	☐ Obvious		
Continue de Porto Co											

WET: NEGATIVE SIGNED



Section 4: Physical Indicators for Flowing Outfalls Only

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

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

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	9 NO	Spalling, Cracking or Chipping Peeling Paint Cornosion	
Deposits/Stains	EØ	Doily Mentine Print Mother Car INCHT	
Abnormal Vegetation	- NO	Excessive Inhibited	
Poor pool quality	- n()	Olors Colors Disatables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth	- NV	☐ Brown ☐ Orange ☐ Green ☐ Other:	

| Section 6: Overall Outfall Characterization | Support (one or more indicators with a severity of 3) · Obvious | Ob

_						
Sec	ction 7: Data Collection		/			
1.	Sample for the lab?	☐ Yes	☑ No			
2.	If yes, collected from:	☐,Flow	☐ Pool		/	
3.	Intermittent flow trup set?	☑ Yes	□ No	If Yes, type:		☐ Caulk dam

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

3/24/2008 dey: trace spots



Appendix - page 6

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 6: Overall Outfall Characteriza

Section 2: Outfall Description Definition Description Descriptio	IN.) SUBMERGED In Water Avoid Printley
Temperature (*P)	IN.) SUBMERGED In Water Ownerhally Fully With Sediment:
Consect Process Proc	IN.) SUBMERGED In Water Ownerhally Fully With Sediment:
Conserved Cons	IN.) SUBMERGED In Water One metally pruly With Sediment: One main to the metally pruly With Sediment: One main to the metally pruly With Sediment:
Industrial Open Space Ope	In Water: No Partially Fully With Sediment: No Partially
Utra-Urban Residential B'fastitutional Other: AHS	In Water: No Partially Fully With Sediment: No Partially
Consecial Cons	In Water: No Partially Fully With Sediment: No Partially
Conserved	In Water: No Partially Fully With Sediment: No Partially
Closed Pipe Steel Concrete Trapecoid Concrete Trapecoid Trapecoi	In Water: No Partially Fully With Sediment: No Partially
Closed Pipe Concret	In Water: No Partially Fully With Sediment: No Partially
Constrain MATERIAL SHAPE DIMENSIONS (RCP SCMP Collection Single Dimensions (Chosed Pipe PVC HDPE Biptical Chosed Pipe Other Other Other Other Other Depti: Open drainage Farthen Other Other Depti: Open drainage Other Other Other Bottom Width In-Stream Cappilicable where collecting samples	In Water: No Partially Fully With Sediment: No Partially
RCP	In Water: No Partially Fully With Sediment: No Partially
PVC	
Closed Pipe	With Sediment: □ No □ Partially
Other	With Sediment: No Partially Fully
Concrete	Partially Fully
Open drainage	Crany
Open drainage	
rip-rap Other Bottom Wijda: Other In-Stream Opplicable when collecting samples)	
In-Stream (applicable when collecting samples)	
ow Present?	
ow Description present) Trivide	
FAR - A = A - (2 = 1 -)	
rtion 3: Quantitative Characterization CHST PIPE TO FULL FIELD DATA FOR FLOWING OUTFALLS	
PARAMETER RESULT UNIT	EQUIPMENT
Flow#1 Volume Liter	Bottle
Time to fill Sec	
Flow depth 5	Tape measure
Trans 42	Tape measure
Measured length	Tape measure
Temperature 18	Stop watch Thermometer
pH 6.5 PH Units	Test strip/Probe
Ammonia mg/L	Test strip
Subwatershed: Saw, Mill River Outfall ID: A"	7 55
Today's date: 5 16 2006 Time (Military): 3 Investigators: Journal Q., Kuhy Form completed by: X//	52 PM
Temperature (°F): 72° Rainfall (in.): Last 24 hours: 0 " Last 48 hours: 0 "	part .
Latituide: N 4/0 0-439 Longitude: W 73 51.049 GPS Unit: Garmin etrex G	PS LMK #:
Camera: Nikon Coolpix Photo is:	
Land Use in Drainage Area (Check all that apply);	
□ Industrial □ Open Space	
Ultra-Urban Residential Institutional	1.
Suburban Residential Other: NYS Throwa	y exit
Commercial lots of dwinpistry throway Known Industries:	0.51
Notes (e.g., origin of cutall, if known): Ridge Road Almena Ave House Ho measure and way is not of interest instead of the Ave	ur Ridge Rd auto
	43 SDinggred
LOCATION MATERIAL SHAPE DIMENSIONS	(IN.) SUBMERGED
☐ RCP ☐ CMP ☐ Circular ☐ Single Diameter/Dimension	
PVC HDPE Eliptical Double	In Water: No Partially Fully
Ly Details Ly Details	
Closed Pipe Steel Bax Triple	With Sediment:
	With Sediment:
Steel Box Triple Other Other	□ No. □ Partially
Steel Box Triple Other Other	□ No. □ Partially
	□ No. □ Partially
Steel Box Triple Other: Other	□ No. □ Partially
Steel Box Triple Other Other	□ No. □ Partially
Other Othe	□ No. □ Partially
Other Othe	□ No. □ Partially
Open drainage	No. Paritally, Parity
Steel	Solution Pally Pal
Steel	No Sparitally Fally Fally
Steel	Solution Pally Pal
Steel Box Triple Other Other	No Pairs
Open drainage	EQUIPMENT Bottle Tape measure Tape measure Tape measure
Other Othe	EQUIPMENT Bottle Tape measure Tape measure

Ave. rate = 50.4 gallmin

Ammonia

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical I Are Any Physical Indica					
INDICATOR	CHECK if Present	DESCRIPTION	RE	LATIVE SEVERITY INDEX	(1-3)
Odor	- No	Sewage Rancid/sour Petroleum/gas Sulfide Other:	□ 1 – Faint	2 - Easily detected	3 - Noticeable from a distance
Color	Æ	□ Clear □ Brown □ Gray □ Yellow □ Gréen □ Orange □ Red □ Other:	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 – Clearly visible in outfall flow
Turbidity	Q	See severity all a go selected by the lock	☐ 1 – Slight cloudiness	2-Cloudy	3 - Opeque
Florables	/	Sewage (Toilet Paper, etc.) Such 70%, Marky himsel	□ L. Fowt-light origin	2 - Some; indications	3 - Some; origin clear

	icators for Both Flowing hat are not related to flow	SAW SMALL G" FIGH	
INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	_ N0	Spaffing, Cracking or Chipping. Peeling Paint Cornosing	
Deposits/Stains	Ð	Oily Selow Line Paint Other:	
Abnormal Vegetation	- ND	Excessive Inhibited	
Poor pool quality	Q	Odors Golors Floatables Oil Sheen Sads Excessive Algae Other:	,
Pipe benthic growth	Ø	☐ Brown ☐ Orange ☐ Green ☐ Other:	

☐ Unlikely ☐ Potential (prese	nce of two or more indi	cators)	Suspect (one or more indicators with a severity of 3) · Obvious
Section 7: Data Collection			
1. Sample for the lab?	☐ Yes	No No	
2. If yes, collected from:	Flow	☐ Pool	
3. Intermittent flow trup set?	▼ Yes	□ No	If Yes, type: 🗹 OBM 🔲 Caulk dam

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

collected 3(28/2008 1008 1008 1008 10008



Outfall Reconnaissance Inventory Field Sheet

| Description |

		LJ :NE	L.J. L. LCC SHITE	repair L	ORBAT.	36 26	
Pipe beathic growth		No □Bro	sun Orange	Green	Other:		
Section 6: Overall Outfall C	haracteriza	tion					
		e of two or more	indicators)	Suspect (one or	more indicators with a se	everity of 3) · Dovious	
Section 7: Data Collection							
 Sample for the lab? 		☐ Yes	☐ No				
2. If yes, collected from:		□/Flow	☐ Pool		,		
Intermittent flow trap set?		Yes Yes	□ No	If Yes, type:	OBM Caulk	dam	
Section 8: Any Non-Illicit D	ischarge Co	ncerns (e.g., tra	sh or needed infra	structure repairs)	2 4:21 P.1	n collect 5 [3] 2008 43; wet = PUSS BLE dry: 5 [17 2008 NEGATIVE	WY E



OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET Section 1: Background Data Saw Mill River 7/7/2008 Time (Military): 4-93 P. M Investigation: 7 P. 2008 Investigation: 7 P. 2008 Rainfall (in): Last 24 hours: 0 1 Last 48 hours: 0.38" Latitude: 1 P. 10 6 L. Longstude: W 73"> 50 Unit Gazarin e-frey. GPS LMK #: Camera: Nikon Coo Pix Land Use in Drainage Area (Check all that apply): Ultra-Urban Residential Institutional Suburban Residential Known Industries: Consoud Rd Elementary

LOCATION	MATER	IAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	RCP CMP PVC HDPE Steel Other:		Discular Diptical Box Other:	Single Double Triple Other:	Diameter/Dimensions:	In Water No Partially Fully With Sediment: No Partially Fully Fully
Open drainage	Concrete Earthen rip-rap Other:		☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bettern Width:	
☐ In-Stream	(applicable when	collecting	samples)			
Flow Present?	∑ Yes	_ □ No	If No. 2	kip to Section 5		
Flow Description (If present)	☐ Trickle	Moderate	Substantial			

soles (e.g., origin of outfall, if known): Heather dell Rd

		FIELD DATA FOR FLOWING O	UTFALLS	
/ P	ARAMETER	RESULT	UNIT	EQUIPMENT
E Flow #1	Volume	175,175 , 120 , 175 , 150 , 155	po Liter	Bottle
<u></u>	Time to fill	235 259 228 26 218231	See	
	Flow depth		In	Tape measure
□Flow#2	Flow width		Ft, In	Tape measure
	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature	71	°F	Thermometer
pН		6.8 (+6-8 paper)	pH Units	Test strip/Probe
Ammonia		0	mg/L	Test strip

Ave rate = 1.06 gal/min

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Brook Outsill D: OF 29 (South)
Time (Military): 16 5"
Form completed by: Coc (a) ten
in.); Last 24 hours: (),() "Last 48 hours: (), () "
49.750 W GPS Unit Garnin etrex GPS LMK#:
Photo #s:
Open Space
☐ Institutional
one AHS Veterna Park
Known Industries:
lan Lane, Heatherdell Rd

LOCATION	MATERIAL	SH	APE	DIMENSIONS (IN.)	SUBMERGED	
Closed Pipe	CMP PVC HDPE Steel Other:	☐ Circular ☐ Eliptical ☐ Box ☐ Other:	Single Straw Double No. Dr. P Triple Other:	Diameter/Dimensions:	In Water: No Partially Fully With Sediment: No Partially Fully	
Open drainage	Concrete Earthen rip-cap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:		
☐ In-Stream	(applicable when collecting	g samples)				
Flow Present?	¥ Yes □ N	o If No. Ski	p to Section 5			
Flow Description (If present)	☐ Trickle	ate Substantial				

Section 3: Quantitative Characterization

P	ARAMETER	RESULT	UNIT	EQUIPMENT
Elow#1	Volume Po	235, 205, 180, 225, 175	THE ML	Bottle
	Time to fill 5	4.12. 3.84, 3.12, 4.19, 3.69	See	
□Flow #2	Flow depth	, , , , , , , , , , , , , , , ,	ln	Tape measure
	Flow width		Ft, In	Tape measure
	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
1	Comperature	59° F	ok.	Thermometer Test strip/Probe
	pH	6.2 M (6-8)	pH Units	
	Ammonia	0/	mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

Section 6: Overall Outfall Characterization

INDICATOR	CHECK if Present	DESCRIPTION			REL	RELATIVE SEVERITY INDEX (1-3)		
Odor	□ /b	Sewage Rancid/sour Sulfide Other:	Petroleum/g	ns	1 - Faint	2 - Easily detected	3 - Noticeable from a distance	
Color	- n		☐ Gray ☐ Red	☐ Yellow ☐Other:	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow	
Turbidity	0 10	S	See severity			2 - Cloudy	3 - Opaque	
Flortables -Does Not Include Trash!!	- N		Sowage (Toiket Paper, etc.) Suds Petroleum (eil sheen) Other:			2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)	

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	0 M	Spalling, Cracking or Chipping Pecling Paint Corrosion	
Deposits/Stains	- n	Oity Flow Line Paint Other:	
Abnormal Vegetation	- 10	Excessive Inhibited	
Poor pool quality	- no	Glors Glors Floatables Gli Sbeen Sads Excessive Algae Glober:	
Pipe benthic growth	□ s.0	☐ Brown ☐ Orange ☐ Green ☐ Other:	

	☑ Unlikely	Dotential (presence of two or more indic	ators)	Suspect (one or more indicators with a severity of 3) · Dovious	
	Section 7: Data 6	Collection					
I	1. Sample for the	a lab?	☐ Yes	☐ No]
I	2. If yes, collecte	ed from:	Flow	Pool	/]
ı	2 Intermittant (I	our tone out?	□ Ves	□ No	If Yes type: 🖾 OBM 🔲 Coulk dam		1

Collect 7/14/2008 GP4 WET - NEG dry: NEG 7/15/2008



Outfall Reconnaissance Inventory Field Sheet

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor	□ _{4/0}	Sewage Rancid/tour Petroleum/gas Selfide Other:	1 - Fains	2 - Hasily detected	3 - Noticeable from a distance
Color	□ N°	☐ 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	□ (Jo.f	See severity	☐ 1 Slight cloudiness	2 - Cloudy	3 - Opaque
Flourables -Does Not Include Trashil	Nue	Sewage (Toilet Paper, etc.) Stads Petroleum (eil sheen) Other:	1 - Feu/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil shoen, suds, or floating sanitary materials)

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

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	□ N ₀	Spolling, Cracking or Chipping. Peeling Paint Connoises	
Deposits/Stains	QÍ	Dolly How Line Paint Mother Brook + 9 feet	
Abnormal Vegetation	□ Norte	☐ Excessive ☐ Inhibited	
Poor pool quality	ø,	Olders Colors Floatables Oll Sheen Colors Sads Docesive Algae Other:	1
Pipe beathic growth	D/	Brown Grange Green Gother: Algare	

Section 6: Ove	rall Outfall Char Potential	racterization (presence of two or more inc	licators)	Suspect (one or more indicate	rs with a severity of 3)	☐ Obvious	
Section 7: Data	Collection		,				
 Sample for t 	he lab?	☐ Yes	□ No				
2. If yes, collec	ted from:	□,Flow	Pool				
2 Intermitteet	floor tenn cut?	T/v-	ED No.	ICV-s tone Micony	Down to		

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





OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET Section 1: Background Data ☐ Industrial Open Space Ultra-Urban Residential ☐ Institutional Suburban Residential Other: ____ Becommercial Known Industries: AUTO BODY SHOP Notes (e.g., origin of outfall, if known): POUTE 9A, Catch ORSIN at AUTO BODY SKOP Commercial

LOCATION	MAT	ERIAL		SHAPE	DIMENSIONS (IN.)	SUBMERGED	
Closed Pipe Obstructe) Pice W/	□ RCP □ PVC □ Steel X Other: □	CMP □ HDPE	Circular Eliptical Box Other:	Single Double Triple Other:	Diameter/Dimensions:	In Water: No Partially Fully With Sodiment: No Partially Fully	
Open drainage	☐ Earthen				Depth: Top Width: Bottom Width:		
In-Stream	(applicable v	hen collecting	samples)			200000000000000000000000000000000000000	
Flow Present?	XYes	□ No	If No. :	Skip to Section 5		-	
Flow Description (If present)	7 Trickle	☐ Moderate	Substantial			-	

		FIELD DATA FOR FLOWING	OUTFALLS		
P	PARAMETER	RESULT	UNIT	EQUIPMENT	
Ø€low#1	Volume	25, 30, 30, 30, 40	X rol	'allerte	
,	Time to fill	35.90, 47,28, 49.72, 48,5	0.5454 See	Messing Cap	
	Flow depth	, , , , , ,	In	Tape measure	
Flow#2	Flow width		Ft, In	Tape measure	
	Measured length		Ft, In	Tape measure	
	Time of travel		S	Stop watch	
	Temperature	60°F	ok.	Thermometer	
	pH	6.5 (+14 scale), 6.4 (68)	pH Units	Test strip/Probe	
Ammonia		1.0	mg/L	Test strip	

OUTFALL RECONNAISSANCE	INVENTORY/ SAMPLE (COLLECTION FIELD:	SHEET

Section 1: Background Data	SUNNY
Subwatershed: BRONX RIVIER SPRAIN BROOK	Outfall ID: A 2 46
Today's date: 10 24 2008	Time (Military): 160 7
Investigators: GOUREUTCH, KJHW	Form completed by: Jesse Gowevitch & Prets
Temperature (°F): 50° F Rainfall (in.): Last 24 hours:	O 44 Last 48 hours: O 47
Latitutde: 41°00.678 W Longitude: 73°49,999	GPS Unit: Garnin etrey GPS LMK #: 470 Landmark #
Camera: Nikon Cool Pix	Photo#s:
Land Use in Drainage Area (Check all that apply):	
Industrial Spoke to Passidential Street Kens who h	☐ Open Space
Ultra-Urban Residential	☑ Institutional
Suburban Residential She read the appeal	other: Ardsley High School
Commercial Toro backy and stream	Known Industries:
Notes (e.g., origin of outfall, if known): Abington cree	K NOTE: 2ft diam. cement
Dell wind crea	pipe (from SD) is dry

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

		FIELD DATA FOR FLOWING	OUTFALLS	
	PARAMETER	RESULT	UNITMI	EQUIPMENT
□Flow#1	Volume	325, 320, 349, 310.	400 Diet 360	MERSON, MERTE CAP
	Time to fill	5.50, 6.35, 5.81, 6.50	5.35" Sec 5.56"	
	Flow depth))))	In	Tape measure
□Flow#2	Flow width		Ft, In	Tape measure
	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature	60°F	°F	Thermometer
	pH	6.4 (6-8).6.5 (0-14	pH Units	Test strip/Probe
	Ammonia	0	mg/L	Test strip

Ave rate = 0.94 gal/min

Outfall Reconnaissance Inventory Field Sheet

INDICATOR	CHECK If Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)			
Odor	2	Salfide Cotter:	□ 1 – Faint	12 - Easily detected	3 - Noticeable from distance	
Color	Ø,	☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Grange ☐ Red ☐ Other:	1 – Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible is outfall flow	
Turbidity	₽/	See severity	□ I – Slight cloudiness	2-Cloudy	3 - Opaque	
Floatables -Does Not Include Trash!	None	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Dther:	T Fewfilight; origin not obvious	2 – Some; indications . of origin (e.g., possible suds or oil sheen)	3 - Some; origin cles (e.g., obvious oil sheen, suds, or flo sanitary materials)	

	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage		Spotling, Cracking or Chipping Pecling Paint	Pile is obstructed by object *
Deposits/Stains	pd .	Doily Describe Desirt Other Brook Brook	DON DER IFFINGE
bnormal Vegetation	- None	☐ Excessive ☐ Inhibited	
Poor pool quality	1 None	Other Color Houtables Oll Sheen Stale Discensive Algae Other:	,
ipe beathic growth		☐ Berrin ☐ Orange ☐ Green ☐ Other:	069 (weed *
	Il Characterization stential (presence of two	cortch loasin leading to lipe has leaves are pumps to empty water, obstruction to promore indicators \(\) \(\) Suspect (one or more indicators \(\) with a	
on 7: Data Collectio	n	and walks ago. OBM Ne = Week	eatch basin & he powed blead has a blead Decaring leaves & is
ample for the lab?		Yes No may be leasing to a	odorat ammonia retilt
If yes, collected from:		Flow Peol Re-check recomm	ended -
yes, collected from: itermittent flow trup set			

Outfall Reconnaissance Inventory Field Sheet

INDICATOR	CHECK if Present		D	ESCRIPTION	N	REI	RELATIVE SEVERITY INDEX (1-3)			
Odor	□ 1/0	Sewage Sulfide	Rancid/so	ur 🏻 Petroleu	m/yas	□ 1 – Faint	2 - Easily detected	3 - Noticeable from a distance		
Color		☐ Clear ☐ Gréen	□ Orange	☐ Gray	☐ Yellow ☐Other:	☐ 1 — Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow		
Turbidity	0 NO			See severity		☐ 1 — Slight cloudiness	2 - Cloudy	3 - Opaque		
Floatables -Does Not Include Trashii	□ N°	Sewage (To	oilet Paper, etc.) (oil sheen)	Sués Other:		☐ I — Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible sads or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin sanitary materials)		

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS		
Outfall Damage	×	Spalling, Cracking or Chipping Peeling Paint			
Deposits/Stains	75	Oily How Line Paint Other: Block Sed 1/104			
Abnormal Vegetation	□ No	☐ Excessive ☐ Inhibited			
Poor pool quality	M	Odors Colors : Floatables Oil Sheen Snds Excessive Algae Softer:	Leaves, little sodiport		
Pipe benthic growth	□ <i>\</i> \ <i>\</i> b	☐ Brown ☐ Orange ☐ Green ☐ Other:			

ection 7: Data Collection	n						
Sample for the lab?		Yes	No				
If yes, collected from:		Flow	Pool				20
Intermittent flow trap se	47	Yes	□ No	If Yes, type:	MI OBM	Caulk dam	SPT 4-BM

e	0	UTFALL RECO	NAIS	SANCE INVENTO	RY/ SAM	PLE COL	LECTION F	ELD SHEE	т
Section 1: Bac	lanou	nd Date				0	YMNU		
Subwatershed:		rain Broo	6		Outfall		AZ 43	S/OF.	47
Today's date:	7		.008		Time (N	filitary):	1520) 01	
Investigators:	Con	-	(u hy	`	Form co	impleted by:		Goert	evica. Al Muy
Temperature (°F)	1 - 0	36°F		all (in.): Last 24 hours:	O" La	st 48 hours:	0"	Conte	1
Latitutde: 410	00.	266 N Lon	itude: "	73° 500 127	GPS Un	it: Gracon	inetrex	GPS LMK #:	
Camera:	_	n Cooloix			Photo #	-	,		
Land Use in Drai	inage Ar	ca (Check all that appl	y):		-				
☐ Industrial					Ope	n Space			
☐ Ultra-Urban F	Paridonti	iol			M Institutional				
Suburban Res		iai			- msu	OI OT	/Lycee	8.11	
	sidential						12900	Denog	
☐ Commercial			` '		Known	Industries: _			
Notes (e.g, origi	in of out	fall, if known): S	rain	Road					
Section 2: Out		_							
LOCATIO	N	MATERIAL		_	IAPE		DIMENSI	(,	SUBMERGED
			CMP	☑ Circular	☑ Single		Diameter/Dimer	nsions:	In Water: ☑ No
		□ PVC □	HDPE	☐ Eliptical	Double		74.		Partially Fully
Closed Pipe		Steel COTT.		Box	☐ Triple	riple			
		Other:	-	Other:	Other:				With Sediment:
		☐ Concrete	· ·			P. d.			
		☐ Earthon		Trapezoid			Depth:		
Open drainag	e	☐ rip-rap		☐ Parabolic			Top Width:		
		□ Other:		☐ Other:			Bottom Width:		
☐ In-Stream		(applicable when co	II						
Flow Present?	-	Yes	□ No						
Flow Present?					ip to Section	3			
(If present)		☐ Trickle ☐	Moderate	Substantial					
Section 3: Qua	ntitati	ive Characteriza	ion						
			_	FIELD DATA FOR F	LOWING				
P	ARAME		_	RESULT			NIT	EQ	UIPMENT
IMFlow#1		Volume	2	2, 2.5		_	iter		Bottle
	-	Time to fill	1,5	5, 2.80,2.7	15,2,69		Sec		
	-	Flow depth	-				In	Ta	pe measure
□Flow#2	l	Flow width					t, In	Ta	pe measure
		Measured length	-			F	t, In		pe measure
-		Time of travel		.100			S		itop watch
	Tempera pH	nuic	-	40 F	7		°F	_	ermometer
			6.,	2 (6-8), 6-3	(0-14)	1	Units	Tes	t strip/Probe
	Ammo	118		0		n	ng/L		Test strip

Section 1: Bac	kground Data			30144		_				-		
Subwatershed:	Sprain Broo		Outfall ID:		47	Section 4: Physics	al Indicators for FI	owing Outfa	alls Only es No (If No. Skin to Section 5)			
Today's date:	12 5 1		Time (Military):	1520	21.1		CHECK if	How: KA A		T		
Investigators:		Kuhn	Form completed by		review of Muk	INDICATOR	Present		DESCRIPTION		RELATIVE SEVERITY INDEX	(1-3)
Latitutde: 41°		Rainfall (in.): Last 24 hours			#: ' {	Odor	□ //o	Sewage	Rancid/sour Petroleum/gas Other:	□ 1 – Faint	2 - Easily detected	3 - Noticeable from a distance
	likon Coolpix		Photo #s: V	'		Color	□ No	Clear	☐ Brown ☐ Gray ☐ Yellow	☐ 1 – Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
	nage Area (Check all that app	dy):				Turbidity	- A0	Gréen	☐ Orange ☐ Red ☐ Other:	☐ I — Slight cloudines		3 - Opaque
☐ Industrial			Open Space				- NO				□ 2 – Some: indications	3 - Some; origin clear
Ultra-Urban F			☑ Institutional	1/Lycee Schoo	,	Floatables -Does Not Include Trash!	Ø		(Toilet Paper, etc.) Suds m (oil sheen) Other: T C A	T - Few/slight; orig not obvious	in of erigin (e.g., possible suds or oil	(e.g., obvious oil shoon, suds, or floatin
Suburban Res	idential		Other: OLP+	1/ FACE DENO	1				- 1 - 2		sheen)	senitary meterials)
☐ Commercial			Known Industries:			Section 5: Physics	al Indicators for Bo	th Flowing	and Non-Flowing Outfalls			
Notes (e.g, origi	n of outfall, if known):	prain Road				Are physical indic	ators that are not rel	ated to flow	present? Yes No (If No. Skip to Se	ction 6)		
						INDICATOR	CHECK if	Present	DESCRIPTION		COMMEN	TS
Section 2: Out	fall Description					Outfall Damage	×	Ī	Spalling, Cracking or Chipping Peeling Pai	int (V.	ely Signt	
LOCATION	N MATERIA	L S	HAPE	DIMENSIONS (IN.)	SUBMERGED	Deposits/Stains	Ž)	☐ Oily ☐ Flow Line ☐ Paint ☐ SOther:		Slight Glove St	in.
	□ RCP □	CMP Circular	Single	Diameter/Dimensions:	In Water:	Abnormal Vegetat	ion	1 V ₀	☐ Excessive ☐ Inhibited		9	
	□ PVC □	HDPE Eliptical	☐ Double		☑ No ☐ Partially	Poor pool qualit	, [1 1/0	Odors Colors Floatables Oil She Sués Excessive Algae Other:	en		
Closed Pipe	Steel COTT.	. Box	☐ Triple		☐ Fully	Pipe benthic grow	th E	1 10 .	Brown Orange Green Other:			
	☐ Other:	Other:	Other:		With Sediment:	Section 6: Overal	Outfall Character	ization				
					☐ Fully	□ CUnlikely	Potential (pre-	sence of two	or more indicators) Suspect (one or more	indicators with a seve	rity of 3) · 🔲 Obvious	
	Concrete	☐ Trapezoid		Depth:		Section 7: Data C						
☐ Open drainage		☐ Parabolic		Top Width:		1. Sample for the		Г] Yes ⊠ No	***************************************		
	☐ rip-rap	Other:		Bottom Width:		2. If yes, collected			Flow Pool			
	Other:					3. Intermittent flo			Yes □ No If Yes, type: ☑ 0	OBM Caulk dar	m 711/2- 154	
☐ In-Stream	(applicable when c	ollecting samples)								Production Assessment and account of	collected 12	11 200 2384
Flow Present?	√Yes	□ No If No. 5	ikip to Section 5			Section 8: Any No	on-Illicit Discharge	Concerns (e	e.g., trash or needed infrastructure repairs)?		wet NE	-G
Flow Description (If present)	☐ Trickle ☐	Moderate Substantial				3	Ν	ь		130	dry 12/1	11 2008 2 3 My EG- 6/2008 NEG
Section 3: Qua	ntitative Characteriza	tion										
	-	FIELD DATA FOR	FLOWING OUTFALLS						10000			
P	ARAMETER	RESULT		UNIT	EQUIPMENT				建 放在2	DEC 1888		
TAFlow#1	Volume		,2-25 , 2	Liter	Bottle				2/11/1/1/10/18	1000		
	Time to fill	1,53, 2,80,2	75,2,69, 2.59	Sec					0 金额设备公公	981		
	Flow depth	, , ,	, ,	In	Tape measure							
□Flow#2	Flow width			Ft, In	Tape measure				TO COLUMN			
	Measured length			Ft, In	Tape measure				A Carried			
	Time of travel	1				7						

Section 1: Backgro	und Data				SUNNY		
Subwatershed:	Saw M	ill Riv	06	Outfall ID:	AZ54/OF5	12	
Today's date:	11/28	3/2008		Time (Military):	400		
Investigators:	(JHN)			Form completed by	- Kui	20	
Temperature (°F):	470		all (in.): Last 24 hour		0"	6.60	
Latitutde: N4 (0)	,498"	Longitude: y	173°50.819	GPS Unit:	GPS LMK #	t:	
Camera:				Photo #s:			
Land Use in Drainage A	trea (Check all	that apply):					
☐ Industrial				Open Space			
Ultra-Urban Resider	itial			☐ Institutional	☐ Institutional		
Suburban Residentia	d			Other:	Other:		
☐ Commercial				Known Industries:			
Notes (e.g, origin of or): Br	amble Bri	ook			
LOCATION	MA	TERIAL	5	HAPE	DIMENSIONS (IN.)	SUBMERGE	
	RCP	☐ CMP	☐ Circular	Single	Diameter/Dimensions:	In Water:	
	□ PVC	☐ HDPE	☐ Eliptical	☐ Double	_33 " d	□ No □ Partially	
Closed Pipe	▼ Steel	corr	Box	Triple		☐ Fully	
	Other:		Other:	Other:		With Sediment:	

Closed Pipe	RCP CMP PVC HDPE Steel COFF Other:	Circular Eliptical Box Other:	Single Double Triple Other:	Diameter/Dimensions:	In Water: No Partially Fully With Sediment: No Partially Fully
☐ Open drainage	☐ Earthen ☐ rip-rap ☐ Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☑ In-Stream	(applicable when collecting	samples)			
Flow Present?	Yes No	If No. Ski	ip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moderate	Substantial	1, 1 m		

		FIELD DATA FOR FLOWI	NG OUTFALLS	
P	ARAMETER	RESULT	UNIT	EOUIPMENT
□Flow#1	Volume		Liter	Bottle
	Time to fill		Sec	
Flow #2	Flow depth	111	In	Tape measure
	Flow width	1 . 14 .	Ft, In	Tape measure
	Measured length	1: 2 "	Ft, In	Tape measure
	Time of travel	1.78, 2.50, 3.57, 2,25%	2:53" (-50"s	Stop watch
	Temperature	144°F) °F	Thermometer
pH		6.4	pH Units	Test strip/Probe
	Ammonia	0	mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow? Yes No (If No. Skip to Section 5) DESCRIPTION RELATIVE SEVERITY INDEX (1-3) Odor 1 - Faint 2 - Easily detected □ 2 - Clearly visible in sample bottle outfall flow □ 3 - Clearly visible in outfall flow □ 2 - Cloudy □ 3 - Opaque □ 2 - Senne, indications of origin (e.g., obvious oil shoon) analysis and shoon on the contract of the co 1 - Faint colors in sample bottle Turbidity ☐ 1 – Slight cloudiness □ the: 1 – Few/slight; origin not obvious

INDICATOR CHECK if Present		DESCRIPTION	COMMENTS
Outfall Damage	n 40	Spalling, Cracking or Chipping Pecling Paint Corresion	
Deposits/Stains	cl,	Oily Flow Line Paint Other:	
Abnormal Vegetation	D 1/10	Excessive I Inhibited	
Poor pool quality	□ 1 ₁ / ₂ / ₂	Odoss Colors Floatables Off Sheen Studs Excessive Algne Other:	
Pipe beathic growth	Ut 🗆	☐ Brown ☐ Orange ☐ Green ☐ Other:	

Unlikely Potential (pre	sence of two or more ind	icators)	Suspect (one or more indicate	ors with a severity o	f3) Obvious	
Section 7: Data Collection						
 Sample for the lab? 	☐ Yes	□/No				
If yes, collected from:	Flow	☐ Pool			2.0	
 Intermittent flow trap set? 	☐ Yes	□ No	If Yes, type: OBM	Caulk dam	4 PM	
					collected : 12 4 20	08 10AM

Wet = NEG 12/9/2008



OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Section 1: Backgrou	nd Data		SUNA	Y,
Subwatershed:	Saw Mill Ri	10	Outfall ID:	1228 / of 181
Today's date:	19/200	9	Time (Military):	2:19 PM
Investigators:	KUHA)	Form completed by:	X/ Kento
Temperature (°F):	28°F	Rainfall'(in.): Last 24 hours:	Oll Last 48 hours: C) ⁽⁴
Latitutde: N41	30 \ Longi	tude: W 7350 652	GPS Unit: Grasmin	etrex GPS LMK #:
Camera: N	con Cool Pi	7	Photo #s:	
Land Use in Drainage Ar				Concord Rd. School
☐ Industrial	NOTE : check	add-pige	Open Space	Strip May
Ultra-Urban Resident	tial.	N 20ft North	Institutional	
✓ Suburban Residential		124 metal corr	Other: Wood le	and Nursing Home
Commercial		ary	Known Industries:	ands Nursing Home
Notes (e.g.,, origin of out	tfall, if known):	He 9A	- /	catch lasin at 9A 72 dry
Santi		1 - 1 - 1 - 1	Int /.	1/1 01 0-1 .

LOCATION	MATERIAL		SHAPE	DIMENSIONS (IN.)	SUBMERGED	
T Closed Pipe	RCP CMF PVC HDP Steel Cov Other:		Double Triple Other:	Diameter/Dimensions:	In Water: M6	
☐ Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:		
☐ In-Stream	(applicable when collect	ing samples)				
Flow Present?	☐ Yes	No If No.	Skip to Section 5			
Flow Description	□ Teistle □ 1656	ena 🗆 Subminist				

Section 3: Quantitative Characterization

		FIELD DATA FOR FLOWIN	IG OUTFALLS	
P	ARAMETER	RESULT	UNIT	EQUIPMENT
□Flow#1	Volume		Liter	Bottle
	Time to fill		Sec	
□Flow #2	Flow depth		In	Tape measure
	Flow width		Ft. In	Tape measure
	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		°F	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

OUTFALL RECONNAISSANCE INVENTORY/ SAMPLE COLLECTION FIELD SHEET

Subwatershed: Saw Mill River	Outfall ID: OF 182
Today's date: 1/9 2009	Time (Military): 1:54 PM
Investigators: KV W	Form completed by: Xf Kulin
Temperature (°F): 28° F Rainfall (in.): Last 24 hours	1
Latitude: N 4 00 9765 Longitude: 173 50 731	GPS Unit: Germin etrex GPS LMK #:
Camera: Niken Cool Pix	Photo #s:
Land Use in Drainage Area (Cheek all that apply):	'
☐ Industrial	Open Space
Ultra-Urban Residential	Vinstitutional Concord Rd School
☑ Suburban Residential	Other: St. Bornalogs
☐ Commercial	Known Industries:
Notes (e.g, origin of outfall, if known):	St Bornalpas roof drain

Section 2: Outfall Description

LOCATION	MAT	TERIAL	S	HAPE	DIMENSIONS (IN.)	SUBMERGED
	RCP	☐ CMP	Circular	Single	Diameter/Dimensions:	In Water:
	□ PVC	☐ HDPE	☐ Eliptical	☐ Double	181	□ No □ Partially
☑ Closed Pipe	Steel C	770	Box	☐ Triple		☐ Fully
	Other:		☐ Other:	Other:		With Sediment: No Partially
						Fully
	☐ Concrete		☐ Trapezoid		D. d.	
	☐ Earthen				Depth:	
Open drainage	☐ rip-rap		☐ Parabolic		Top Width:	
	Other:	_	Other:		Bottom Width:	
☐ In-Stream	(applicable)	when collecting	samples)			<u> </u>
Flow Present?	☐ Yes	250	If No. 5	kip to Section 5		
Flow Description (If present)	☐ Trickle	☐ Moderate	☐ Substantial			

Section 3: Quantitative Characterization

		FIELD DATA FOR FLOWIN	NG OUTFALLS	
P.	ARAMETER	RESULT	UNIT	EQUIPMENT
□Flow#1	Volume		Liter	Bottle
	Time to fill		Sec	
□Flow#2	Flow depth		In	Tape measure
	Flow width		Ft, In	Tape measure
	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
1	Temperature		ok.	Thermometer
pH			pH Units	Test strip/Probe
Ammonia			mg/L	Test strip

Outfall Reconnaissance Inventory Field Sheet

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

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)			
Odor		Sewage Rancid/sour Petroleum/gas Sulfide Other:	□ 1 – Faint □ 2 – Easily detected □ 3 – Neticeable from a distance			
Color		☐ Clear ☐ Brown ☐ Gray ☐ Yellow ☐ Green ☐ Orange ☐ Red ☐ Other:	□ 1 - Faint colors in sample bottle □ 2 - Clearly visible in outfall flow			
Turbidity		See severity	☐ 1 – Slight cloudiness ☐ 2 – Cloudy ☐ 3 – Opaque			
Floatables -Does Not Include Trash!!	0	Sewage (Toilet Paper, etc.) Sods Petroleum (oil sheen) Other:	1 - Fowl-dight, origin 2 - Some; indications of origin (e.g., possible suds or oil sheen) 3 - Some; origin clear (e.g., obvious oil sheen) 5 - Some; or			

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

Are physical indicators that are not related to flow present? \[\] Yes \[\] No \(\text{(If No. Skip to Section 6)} \]

INDICATOR CHECK if Present		DESCRIPTION	COMMENTS	
Outfall Damage	5	pulling, Cracking or Chipping. Peeling Paint [9] Connesion	Bottom completely rusted over)	
Deposits/Stains	1 No	Oily Bow Light Paint El Other:		
Abnormal Vegetation	D/	Excessive Established	HERMY INVASIVES	
Poor pool quality	- D No	Odors Colors Floatables Oil Sheen Stals Excessive Algae Other:		
Pipe beathic growth	0 1/10	☐ Brown ☐ Orange ☐ Green ☐ Other:		

Section 6: Overall Outfall Characterization

☑ Unlikely	☐ Potential (pr	resence of two or more indi	icators)	Suspect (one or n	nore indicate	es with a severity of 3)	Obvious	
Section 7: Dut	a Collection		/					
1. Sample for	the lab?	Yes	□/No					
2. If yes, colle	ected from:	Flow	☐ Pool					
3. Intermittent	t flow trap set?	☐ Yes	□No	If Yes, type:	□ OBM	Caulk dam		

erns (e.g., trash or needed infrastructure repairs)? LAS OF TRASH, PIPE BROKEN AT END



Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only

INDICATOR	CHECK if Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)
Odor	0	Sewage Rancid/sour Petroleum/gas Sulfide Other:	□ 1 – Faint □ 2 – Easily detected □ 3 – Noticeable from a distance
Color		☐ Clear ☐ Brown ☐ Grzy ☐ Yello ☐ Grèen ☐ Orange ☐ Red ☐ Other.	□ 1 – Faint colors in sample bottle □ 2 – Clearly visible in cutful flow
Turbidity		See severity	☐ 1 – Slight cloudiness ☐ 2 – Cloudy ☐ 3 – Opaque
Floatables -Does Not Include Trash!!	0	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Other:	2 – Some; indications of origin (e.g., possible suds or oil sheem, suds, or floating sheem).

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	9	Spolling, Cracking or Chipping Pecling Paint Corrosion	slight chipping on and
Deposits/Stains	19	Oily Blow Line Paint Other:	black thin on side
Abnormal Vegetation	19	Stracesive [] Inhibited	invasive vines
Poor pool quality	□ ¹⁷³	Odors Créons Houtables Oil Sheen Sads Excessive Algae Other:	·
Pipe benthic growth	□ ½°	Berun Crange Green Cother:	

Section 6: Overall Outfall Characterization
Unlikely Potential (presence of two

	Unlikely Potential (preser	nce of two or more ind	cators)	Suspect (one or more indicators with a severity of 3)	Obvious
Sec	ction 7: Data Collection				
1.	Sample for the lab?	☐ Yes	□ ★		
2.	If yes, collected from:	☐ Flow	Pool		
3.	Intermittent flow trap set?	☐ Yes	□ 100	If Yes, type: OBM Caulk dam	



Section 1: Back Subwatershed:		sprein Bio.	ou /	BYRIV	Outfal	HD:			F	
Today's date:		1/20/200		107-1-10		(Military):	AZ4		170	
Investigators:		sorevitch.	Κυ			Form completed by: Tesse Contact to				
Temperature (°F):	C	16°F		all'(in.): Last 24 hours:		ast 48 hours:		T	Zyrun	
Latitutde: [] \	00	355 M Lon		73°50,130	Photo	init: Grossw	un etrek	GPS LMK #		
		a (Check all that appl			PHOTO	BS V				
☐ Industrial		- (9,		По	en Space				
Ultra-Urban R	Recidentis	4 .				titutional				
Suburban Resi					Other:		cee:			
☐ Commercial						n Industries:				
Notes (e.g., origi	in of outf	all, if known):	Cros	s Rd.						
				, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,						
section 2: Out	fall De	scription								
LOCATION		MATERIAL	_	SI	IAPE		DIMENSI	ONS (IN.)	SUBMERGED	
		□ RCP □	CMP	Circular	Single	0	Diameter/Dime		In Water:	
/		□ PVC □	HDPE	☐ Eliptical	☐ Doubl	le	30"		□ No □ Partially □ Fully	
Closed Pipe		☐ Steel		Box	Triple					
		DOBER CEME	ot	Blomer circle	Other				With Sediment:	
				wo pan out et	1				□ No □ Partially □ Fully	
		Concrete								
Open drainage		☐ Earthon		☐ Trapezoid			Depth:			
Open orainage	e	☐ rip-rap		☐ Parabolic			Top Width:			
		Other:		Other:			Bettem Width:			
In-Stream		(applicable when or	llecting	samples)						
Flow Present?		¥ Yes	□ No	If No. SI	kip to Sectio	n S				
Flow Description If present)		□ Trickle 🔯	Moderate	Substantial						
	mate	o Chr								
ection 3: Qua	ntitátív	re Characterizat	100	FIELD DATA FOR !	EI OWTNO	OUTEALLO				
P)	ARAME	TER		RESULT	LOWING		INIT	EC	UIPMENT	
□Flow#1		Volume		110001			Liter		Bottle	
Ciriow #1		Time to fill					Sec			
,		Flow depth		3"			In	Ti	pe measure	
Flow #2	<u>.</u>	Flow width	_	27"			t, In		pe measure	
		leasured length	101	77 5 41 5			t, In		pe measure	
Т.	Temperat		1 1.	36°F	1-30 17	1 - 1 day	0-15-11		otop watch	
	pH			6.4 / OHG	Bouser	pH	Units		t strip/Probe	
	Ammon	ia		0	110		ng/L		Test strip	
							-0.0		rest surp	
_	0	UTFALL RECO	NNAIS	Ave rate =		MPLE CO	LLECTION F		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
Section 1: Bace Subwatershed:	ekgrou	nd Data		SANCE INVENTO	DRY/SA	MPLE CO	LLECTION F	SUNNY	TT.	
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Subwatershed: Today's date: Investigators: Temperature (*F) Latitude: Camera: Land Use in Drai	Gou	md Data W Mill A 30 200 Devitch 32 F 2439 N Lon	Raini gitude:	SANCE INVENTO	ORY/SA	MPLE CO	AZ	SUNNY 56 Se GO	1 (evitch	
Subwatershed: Today's date: Investigators: Temperature (*F) Latitutde:	South	nd Data W Mill 30 200 De Witch 32 F 2439 V Lon Cool Qi × ca (Check all that app	Raini gitude:	SANCE INVENTO	ORY/ SA: Outfai Time: Form GPS 1 Photo	MPLE CO	AZ	SUNNY 56 Se GO	1 (evitch	
Subwatershed: Today's date: Investigators: Temperature (*F) Latitude: **\text{\text{Camen:}} \text{\text{V}} Land Use in Drail	South	nd Data W Mill 30 200 De Witch 32 F 2439 V Lon Cool Qi × ca (Check all that app	Raini gitude:	SANCE INVENTO	ORY/SA! Outfai Time Form Office Photo	MPLE CO	AZ 1516 Jes 0"	SUNNY 56 Se GO	1 (evitch	
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Subvatershed: Today's date: Investigators: Tomperature (*P) Latinude: U Latinu	Soproside Sopros	and Data Data Data Data Data Data	Raint	SANCE INVENTO AMA All (in): Last 24 hours All (in): Last 24 hours All (in): Last 24 hours Bill (in): Last 24 hours Substance Substance (in): Substance (in): Substance FIELD DATA FOR F	OREY/SA! Outfall Time Form Form Form Other Short Shor	MPLE COI III ID: (Military): by completed by fix and 48 hours: fix fix end 59 hours end 50 hours conflicted by end 50 hours	DIMENSI Diameter/Dimet	SUNDY 56 COS LMK # THE UNIX	SUBMERGED In Water. No Pertinity With Sodiments No Partially Partially	
Subvatershed: Today's date: Investigators: Tomperature (*P) Latinude: U Latinu	Soproside Sopros	ad Data W MC 1 30 200 200 30 ° F All, if known): 2 scription MATERIAL RCP M PVC PVC Other Seed Other concise Earthern Other capplicate when co Timelds X Vec Characterizate TER	Raint	SANCE INVENTO AMA ABIT(in): Last 24 hours A	OREY/SA! Outfall Time Form Form Form Other Short Shor	MMPLE COI III ID: (Milliany) And 48 hours: Fig. In fig. In fig. Country of the control of	DIMENSI Dimens	SUNDY 56 COS LMK # THE UNQ ONS (IN.) ASSOCIATION EQ	SUBMERGED In Water. No Perintly With Schiment. No Partially With Schiment. No Partially UIPMENT Bontle	
Subvatershed: Today's date: Investigators: Tomperature (*P) Latitude:	Course Son	and Data Data Data Data Data Data	Rainter No.	SANCE INVENTO AMA AMA AMA AMA AMA AMA AMA A	OREY/SA! Outfall Time Form Form Form Other Short Shor	MPLE COI III ID: (Milliany): completed by: completed by: fix: fix: completed by: fix: fix: completed by: completed by: fix: completed by: complete by:	DIMENSI Diameter/Dimet	SUNDY 56 SE CO GPS LMK # TO WAY ONS (TN.) nsions:	SUBMERGED In Water. No No Partially Partially Partially Pully UIPMENT Bonte De measure	
Sub-uskershed: Today's date: Investigators: Tomperature (*)* Latinude: Latinude: Lati	Constitution of outstand Desired Property of the Constitution of outstands of the Constitution	and Data A Da	Raint	SANCE INVENTO All A.	OREY/SA! Outfall Time Form Form Form Other Short Shor	MMPLE COI III III: Completed by: All the description of the descrip	DIMENSI Dimens	SUNDY 56 COS LIME # ONS (TN.) Inside: EQ TA TA TA	SUBMERGED In Water. No Perintly With Schiment. No Partially With Schiment. No Partially UIPMENT Bontle	
Subvatershed: Today's date: Investigators: Tomperature (*P) Latitude:	Cooperation of the cooperation o	and Data Data Data Data Data Data	Raint	SANCE INVENTO AMA AMA AMA AMA AMA AMA AMA A	OREY/SA! Outfall Time Form Form Form Other Short Shor	MPLE COI III ID: (Military): completed by: completed by: fix: display to the property of	DIMENSI Dimens	SUNDY 56 COS LIME # ONS (TN.) Inside: EQ TA TA TA	SUBMERGED Is Water In Wilder With Sciences Paralist Pully UIPMENT Bonte Bonte Bonte Bonte Bonte Bonte	
Subvatershed: Today's date: Investigators: Tomperature (*P) Latitude:	Cooperation of outside the cooperation outside t	and Data Data Data Data Data Data	Raint	SANCE INVENTO All A.	OREY/SA! Outfall Time Form Form Form Other Short Shor	MPLE COI (Milliary): (Milliar	DIMENSI Diameter/Dime Top Widd: Beatom Widd: In L In L In S 3 5 7 M	SUNNY 56 SE CO. GISLMK# TOUNG TO	SUBMERGED Is Water:	
Subvatershed: Today's date: Investigator: Tomperature (*P) Latitude: Latitud	Cooperation of the cooperation o	and Data A Da	Raint	SANCE INVENTO All A.	OREY/SA! Outfall Time Form Form Form Other Short Shor	MPLE COI III ID: (Milliany) And 48 hours: See Fig. COUTPALLS Fig. PM PRINTED TO THE PRINT	DIMENSI Dimens	SUNDY 5 (GISLMK # ACUMA ONS (IN.) In Tail	SUBMERGED In Water No Partially Partially Partially Partia	

INDICATOR	CHECK if Present	,		ESCRIPTIO	N.			RE	LATIVE SEVERITY INDEX	(1-3)
Odor	Nov. X	Sewage	Rancid/so	ur 🗌 Petrole	urn/gas		□ 1 – Fwint		2 - Easily detected	3 - Noticeable from a distance
Color	₩	☐ Clear ☐ Green	Brown Orange Ora	Gray Red	☐ Yellow ☐Other:		1 - Faint colo sample bott		2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity	Crev -			See severity	NONE	_	☐ 1 – Slight clos	udiness	2-Cloudy	3 - Opaque
Floarables -Does Not Include Trash!!	Louis						☐ 1 — Few/slight not obvious	t; origin	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floati sanitary materials)
Section 5: Physical Are physical indicate INDICATOR		ted to flow		Yes N		o, Skip to Sec N	tion 6)		COMMENT	rs
Outfall Damage	0	none	Spalling, Cracking or Chipping Peeling Paint Counsion							
Deposits/Stains	Ø		TSOHY FlowLine Paint Dother O TU Sheer			1	eaves, word	two stown		
Abnormal Vegetation	D		☐ Excessive	Excessive Inhibited			Jos of musice lines			
Poor pool quality	₽.		Odors Celors Floatables Oil Sheen Stads Evecsive Algae Other:			n	100	ves		
Pipe benthic growth		none.	Brown	Orange	Gircen	Other:				
Section 6: Overall (Outfall Character	zation								
Unlikely [Potential (press	ence of two	or more indica	tors) [Suspect (o	ne or more in	ndicators with a	severity (of 3) · Dobvious	
Section 7: Data Col 1. Sample for the lab			Yes	TSLNo						
2. If yes, collected fr		Flow Pool								
Intermittent flow trup set?				type: TSLO	вм Псан			0.0		

Outfall Reconnaissance Inventory Field Sheet

INDICATOR	CHECK If Present	DESCRIPTION	RELATIVE SEVERITY INDEX (1-3)		
Odor		Sewage Rancid/sour Petroleum/gas Sulfide Other:	□ 1 – Feint	2 - Easily detected	3 - Noticeable from a distance
Color	×	Clear	1 - Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in cutfall flow
Turbidity		See severity	☐ 1 – Slight cloudiness	2 - Cloudy	3 - Opaque
Flourables -Does Not Include Trash!!	× ×	Sewage (Toilet Paper, etc.) Suds Petroleum (oil sheen) Cher: Good bogs A CoSN	1 - Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil shoen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floating sanitary materials)

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

		present? Yes No (If No. Skip to Section 6)	
INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage	pt.	Spalling, Cracking or Chipping Pecling Paint Corresion	May see 1
Deposits/Stains	M	□Oily □ How Line □ Paint ☑ Other:	shained after .
Abnormal Vegetation	Ā	☐ Excessive □ Inhibited	Troe rosts/tnuesive lives
Poor pool quality		Glors Colors Floatables Oil Sheen Suds Excessive Algae Other:	
Pipe beathic growth		☐ Brown ☐ Ocange ☐ Green ☐ Other:	

ection 6: Overall Outfall Characterization Section 6: Overall Outfall Characterization

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

Section 7: Data Collection						
Sample for the lab?	☐ Yes	⊠ No				
2. If yes, collected from:	Flow	☐ Pool				
Intermittent flow trap set?	1⊅(Yes	□ No	If Yes, type: OBM	Caulk dam	TIME: 1538	

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







Appendix - page 12

VILLAGE OF ARDSLEY

MS4 Annual Report period ending March 9, 2009

NYR20A316

OUTFALL RECONNAISSANCE INVENTORY	Y/ SAMPLE COLLECTION FIELD SHEET
Section 1: Background Data	YUNUZ
Subwatershed: Sprain Brook Bx Riv	Outfall ID: A Z 39
Today's date: 1/6/2009	Time (Military): \527
Investigators: Goore vitch, Kuhn	Form completed by: Jesse Contevil, Allalan
Temperature (°F): 7 ° F Rainfall (in.): Last 24 hours: (Last 48 hours: O'
Latitude: 41000,456) Longitude: 73°50,027 W	GPS Unit Garmine +Tex GPS LMK #:
Camera: Nikon Coolpix	Photo #s:
Land Use in Drainage Area (Check all that apply):	
☐ Industrial	☐ Open Space
Ultra-Urban Residential	☑ Institutional
☑ Suburban Residential	OME: OLPH School, McDowell Park
Commercial	Known Industries:
Notes (e.g., origin of outfall, if known): Cross S+	
-	

LOCATION	MATERIAL		SHAPE	DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	RCP	Ciccular Eliptical Box Other:		Diameter/Dimensions:	In Water: No Partially Fully With Sediment: No Partially Fully
☐ Open drainage	Concrete Earthen rip-rap Other:	☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable when collecting	samples)			
Flow Present?	□ Ye 💢	If No.	Skip to Section 5		
Flow Description (If present)	☐ Trickle ☐ Moders	M Substantial			

		FIELD DATA FOR FLOWIN	NG OUTFALLS	
Р	ARAMETER	RESULT	UNIT	EQUIPMENT
□Flow#1	Volume		Liter	Bottle
	Time to fill		Sec	
	Flow depth		In '	Tape measure
□Flow #2	Flow width		Ft, In	Tape measure
	Measured length		Ft, In	Tape measure
	Time of travel		S	Stop watch
	Temperature		ok.	Thermometer
	pH		pH Units	Test strip/Probe
	Ammonia		mg/L	Test strip

*Catch Gasin not full - one after storm and

18 # 6010H Sulface One 10thal given and

Outfall Reconnaissance Inventory Field Sheet

to lucerum Remody Recont

INDICATOR	CHECK if Present	DESCRI	PTION	REL	ATIVE SEVERITY INDEX	(1-3)
Odor	0	Sewage Rancid/sour P	etroleum/gas	1 - Faint	2 - Easily detected	3 - Noticeable from distance
Color		Clear Beown C	_	☐ 1 – Faint colors in sample bottle	2 - Clearly visible in sample bottle	3 - Clearly visible in outfall flow
Turbidity		See se	verity	☐ 1 Slight cloudiness	2 - Cloudy	3 - Opaque
Floatables -Does Not Include Trash!!	0	Sewage (Toilet Paper, etc.) S	lods Aber:	☐ 1 — Few/slight; origin not obvious	2 – Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clea (e.g., obvious oil sheen, suds, or flo sanitary materials)

INDICATOR	CHECK if Present	DESCRIPTION	COMMENTS
Outfall Damage		Spalling, Cracking or Chipping. Decling Paint Corrosion	
Deposits/Stains		☐ Oily ☐ Flow Line ☐ Paint ☐ Other:	
Abnormal Vegetation		☐ Excessive ☐ Inhibited	In spring and inchaire vines
Poor pool quality		Odors Colors Boutables Oil Sheen Suds Excessive Algae Other:	
Pipe benthic growth		Brown Drangs Green Other:	

Unlikely Potential (pres	sence of two or more ind	icators) [Suspect (one or more indicators with a severity of 3) . Obvious
Section 7: Data Collection			
1. Sample for the lab?	☐ Yes	X No	
2. If yes, collected from:	☐ Flow	Pool	
3. Intermittent flow trap set?	☐ Yes	☐ No	If Yes, type: OBM Caulk dam

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

Section 6: Overall Outfall Characterizat

No



ection 1: Background Data	SUNNY
Subwatershed: Sprain Brook	Outfall ID: A Z 41 / OF 70
Today's date: 2 13 2009	Time (Military): \5 \8
Investigators: Gourevitch, Kuhn	Form completed by: Jesse Goglevitch, Ha
Temperature (°F): 39° = Rainfall (in.):	t 24 hours: O 11 Last 48 hours: O 11
Latitutde: 41°00,339 N Longitude: 37°	G95 W GPS Unit: German C+rex GPS LMK#:
Comerce Nikon Coolpix	Photo #s:
Land Use in Drainage Area (Check all that apply):	
☐ Industrial	Open Space
Ultra-Urban Residential	☐ Institutional
Suburban Residential	Other:
☐ Commercial	Known Industries:

LOCATION	MAT	ERIAL	SHAPE		DIMENSIONS (IN.)	SUBMERGED
Closed Pipe	RCP PVC Steel	□ CMP □ HDPE	Circular Eliptical Box Other:	Single Double Triple Other:	Diameter/Dimensions:	In Water: No Partially Pully With Sediment: Partially Partially Fully
Open drainage	Concrete Earthen rip-rap Other:		☐ Trapezoid ☐ Parabolic ☐ Other:		Depth: Top Width: Bottom Width:	
☐ In-Stream	(applicable w	hen collecting	samples)			
Flow Present?	X Yes	□ No	If No. 1	Skip to Section 5		
Flow Description (If present)	☐ Trickle	XModerate	Substantial			

		FIELD DATA FOR FLOWING	OUTFALLS			
P	ARAMETER	RESULT	UNIT	EQUIPMENT		
□Flow#1	Volume		Liter	Bottle		
	Time to fill	-	Sec			
	Flow depth	3 10	In	Tape measure		
Flow #2	Flow width	. 10-	Ft, In	Tape measure		
Measured length		54	Ft, In	Tape measure		
	Time of travel	4.53,4.28,3.56,	2,91,3547 .7	84 , Stop watch 3, 59		
	Temperature	41° F	oF.	Thermometer		
	pH	6.2	pH Units	Test strip/Probe		
Ammonia		0	mg/L	Test strip		

Outfall Reconnaissance Inventory Field Sheet

Section 4: Physical Indicators for Flowing Outfalls Only
Are Any Physical Indicators Present in the flow?
Yes No U(No. Skip to Section

INDICATOR	CHECK if Present	* "	DE	ESCRIPTION	N	REL	LATIVE SEVERITY INDEX	(1-3)
Odor		Sewage Sulfide	☐ Rancid/sou	r 🏻 Petroleus	m/gas	□ 1 – Fains	2 - Basily detected	3 - Noticeable from a distance
Color		Clear Green	☐ Brown ☐ Orange	☐ Gray:	☐ Yellow ☐Other:	1 - Faint colors in sample bottle	2 – Clearly visible in sample bottle	3 - Clearly visible in confall flow
Turbidity				See severity		☐ 1 Slight cloudiness	2 - Cloudy	3 - Opaque
Floarables -Does Not Include Trash!!	0	Sewage (To	oilet Paper, etc.) (oil sheen)	Suds Other:	lot of leaves	1 - Few/slight; origin not obvious	2 - Some; indications of origin (e.g., possible suds or oil sheen)	3 - Some; origin clear (e.g., obvious oil sheen, suds, or floatin sanitary materials)

Ģ	Unlikely Potential (pro	ely Detential (presence of two or more indicators) S			ors with a severity of 3)	☐ Obvious	Obvious				
Se	ction 7: Data Collection										
ı.	Sample for the lab?	☐ Yes	₩ No								
2.	If yes, collected from:	Flow	☐ Pool								

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

No

college 2/18/2019 2844 Wet: NEG Gy: NEG 2/20/2009



SPDES ID
| N | Y | R | 2 | 0 | A | 3 | 1 | 6 VILLAGE OF ARDSLEY Name of MS4/Coalitio

Routes: A H EV PS	in Head Cleaning = Ashford Ave = Heatherdell Rd = Entire Village = "Paper" Streets	Bulk Roadside Cleaning Route: Entire Village (litter and small brush)				
ROUTES	DATE	DATE	ROUTE	DATE		
A	3/5/2008	3/5/2008 – Storm	EV	3/6/2008		
Н	3/6	3/10 – Storm	EV	3/19		
EV	3/18	3/11	McDowell Park	3/25		
EV	5/2	3/24	Flood Control Blowoffs	4/4		
EV	5/16	3/26	A	4/21		
A	5/28	5/5	Flood Control Blowoffs	6/10		
Н	5/29	5/14	A	6/23		
EV	6/20	5/28	Н	6/24		
EV	7/24	6/11 – Storm	A	9/11		
A	8/5	7/24	Н	9/12		
Н	8/6	8/11	EV	10/3		
PS	8/11	9/11	EV	10/17		
EV	9/29	9/16	EV	11/6		
EV	10/28	9/17	EV	11/7		
EV	10/14	10/3	EV	11/24		
EV	11/13	10/14	EV	12/2		
A	12/1	11/11	A	12/5		
EV	12/16	11/20	Н	12/8		
EV	12/19	12/7	EV	12/12		
			EV	12/16		
			EV	1/5/2009		
			EV	1/8		
			EV	1/12		
			EV	1/16		
			EV	1/20		
			EV	1/22		
			EV	1/26		
			EV	2/3		
			EV	2/13		
			EV	2/17		
			EV	2/20		
			EV	2/26		

		SPI	DES	ID						
Name of MS4/Coalition	VILLAGE OF ARDSLEY	И	Y	R	2	0	Α	3	1	6

Catch Basin Internal Clean-out

LOCATION	# of	DATE
	BASINS	
Almena Ave (Route #1)	22	10/24/2008
Bramblebrook Rd (Route #2)	18	10/25/2008
Abington Rd (Route #3)	27	10/26/2008
Ashford Ave (Route #4)	16	12/1/1008

This report is being submitted for the reporting period ending March 9, 2 0 0 9

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	SP.	DES	S ID						
Name of MS4/Coalition VILLAGE OF ARDSLEY	N	Y	R	2	0	Α	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
3/5/2008	AN AS BD	9/10	Entire Village - Storm
3/12	HN HS BD	9/17	Entire Village
3/19	AN AS BD	9/25	AN AS BD
4/2	HN HS BD	10/1	HS HN BD
4/9	AN AS BD	10/8	AN BD
4/16	HN HS BD	10/15	AS BD
4/30	AN AS BD	10/22	AN BD
5/7	HN HS BD	10/29	HN HS BD
5/14	AN AS BD	11/5	AN BD
5/21	HN HS BD	11/12	AS BD HS
5/28	AN AS BD	11/19	Entire Village
6/4	AN BD	11/26	Entire Village
6/11	AS HN BD		
6/18	HS AN BD		
6/25	AS BD		
7/2	HN BD		
7/9	AN AS BD		
7/16	HN HS BD		
7/23	AN AS BD		
7/30	HN HS BD		
8/6	AN HN BD		
8/13	AS HS BD		
8/20	AN AS BD		
8/27	HN HS BD		
9/3	AN AS BD		

 $\underline{MS4~Annual~Report~Form}$ This report is being submitted for the reporting period ending March 9, 2~0~0~9

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SPI	Æ	ш						
Name of MS4/Coalition VILLAGE OF ARDSLEY N	Y	R	2	0	Α	3	1	6

Road Repair

Location (St/Cross St)	Material	Amount (tons)	Date of use
Ashford Ave	7F3	3	3/3/2008
Abington Ave	7F3	3	3/6
Euclid/Lincoln/Prospect	7F3	6	3/28
King/Park/Orlando	7F3	3	4/1
Eastern/Western/Plainview	Curb mix	3	4/8
Eastern/Western/Plainview	7F3	4	4/29
Wilmoth/Grandview/Mt View	7F3	4	5/15
Windsong/Agnes Circle	Curb mix	8	5/15
Windsong/Agnes/Markwood	7F3	3	5/19
Ashford/McKinley/Taft	7F3	4	5/30
Elm/Bridge/King	7F3	3	7/9
Fuller/Carriere/Euclid	7F3	3	7/29
Lincoln/Exeter/Kensington	7F3	4	8/12
Overlook/Oakhill	7F3	3	9/4
Ridge/Eastern/Shady/Almena	7F3	4	9/18
Grandview (berm)	Curb mix	2	9/23
Huntley	7F3	3	10/1
Concord/Victoria	7F3	4	12/15

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		SPI)ES	ш						
Name of MS4/Coalition	VILLAGE OF ARDSLEY	N	Y	R	2	0	Α	3	1	6

Road Salt Application

Village (total) or Neighborhood (name)	Amount (tons)	Condition	Date applied
Village	8	Snow	11/30/2008
Village	6	Snow	12/7
Village	10	Snow	12/13
Village	8	Snow	12/14
Village	4	Mop up	12/15
Village	12	Snow	12/19
Village	4	Ice runoff	12/20
Village	2	Ice runoff	12/21
Euclid & Prospect	2	Water line break	12/22
Village	8	Snow	12/24
Village	4	Mop up	12/26
Village	10	Snow	12/31
Village	4	Snow	1/6/2009
Village	15	Snow	1/10
Village	6	Snow	1/15
Village	15	Snow	1/18
Village	10	Snow	1/28
Village	10	Snow	3/2
Various locations	3	Snow	3/3

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		SPDES ID									
Name of MS4/Coalition	VILLAGE OF ARDSLEY		И	Y	R	2	0	Α	3	1	6

Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Senior Bus		Routine & Oil change	3/3/2008
Pick up	9	Routine & Oil change	3/4
Pick up	9	Fabricate new fuel line - leak	3/5
Explorer	98	2 new tires	3/11
Crown Vic	95	Replace valve	3/17
Ladder truck	BT	4 new tires	3/24
Jeep	HI	Routine & Oil change	3/26
Senior Bus		Transmission leak	3/31
Pick up	7	Routine & Oil change	4/3
Senior Bus		3 new batteries	4/8
Dump	3	Steam clean	4/8
Payloader	PL	Steam clean	4/10
Packer	15	Routine & Oil change	4/11
Packer	12	Replace axle – leak, Routine & Oil change	4/15
Packer	15	4 new tires	4/16
Packer	8	2 new tires	4/21
Explorer	98	Routine & Oil change, stabilizer	4/22
Ladder truck	BT	Power steering leak	4/23
Pick up	7	Steam clean & undercoat	4/25
Payloader	PL	Steam clean	4/25
Explorer	96	O_2 sensors	4/29
Tractor	JD3	Steam clean	4/30
Pick up	11	Transmission leak	5/5
Ladder	BT	Steering box leak	5/7
Pick up	10	Routine & Oil change	5/9
Crown Vic	95	Power steering pump - leak	5/29
Packer	8	2 new tires	6/2
Charger	PC	Routine & Oil change	6/5
Jeep	H1	2 new tires	6/9
Packer	14	AC & Cooling system leak	6/10
Crown Vic	2013	Catalytic convertors	6/13

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		SPDES ID									
Name of MS4/Coalition	VILLAGE OF ARDSLEY		И	Y	R	2	0	Α	3	1	6

Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced
Crown Vic	2013	Routine & Oil change	6/14
Pick up	4, 9,	Wash	6/23
_	11		
Pick up	6, 10	Wash	6/24
Dump	5	Routine & Oil change	7/1
Packer	14	Wash	7/2
Packer	15	Wash	7/3
Tahoe	2012	Routine & Oil change	7/9
Tractor	JD3	Replace hydraulic pump	7/11
Pick up	11	Replace pump	7/15
Packer	14	2 new batteries & alternator	7/24
Payloader	PL	Transmission reservoir	7/30
Tractor	JD1	Hydraulic leak	8/4
Suburban	2011	Routine & Oil change, brakes	8/12
Crown Vic	BI	Routine & Oil change	8/14
Packer	14	Wash	8/20
Tractor	JD2	Front axle	8/21
Packer	14	Hydraulic leak	8/25
Pick up	11	Fuel line	8/26
Explorer	94	Routine & Oil change	9/2
Dump	1, 5	Wash	9/8
Dump	3	Routine & Oil change	9/18
Packer	14	Routine & Oil change	10/7
Pick up	6	Replace coil	10/9
Explorer	97	Routine & Oil change	10/15
Pick up	10	Brakes, rotors, tie rods	10/24
Pick up	6, 9	New batteries	11/7
Tractor	JD1	Hydraulic hose	11/10
Tahoe	2012	Routine, Oil change, winterize	11/13
Payloader	PL	New batteries	11/21
Pick up	4	New batteries	11/24
Jeep	HW1	Winterize & lube	11/25

This report is being submitted for the reporting period ending March 9, 2 0 0 9

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

		SPDES ID									
Name of MS4/Coalition	VILLAGE OF ARDSLEY		И	Y	R	2	0	Α	3	1	6

Vehicle Maintenance

Vehicle type	#	Wash or Maintenance (brief description)	Date serviced		
Crown Vic	2013	4 new tires, routine	12/4		
Senior Bus		Routine & Oil change	12/5		
Pick up	9	Routine & Oil change	12/10		
Pick up	4, 7,	Wash	12/24		
	11				
Dump	1, 3,	Wash	12/24		
	5				
Payloader	PL	Wash	12/24		
Explorer	98	New battery	1/8/2009		
Dump	1, 2,	Wash	1/12		
	3, 5,				
D1	7	* 1	1 /1 2		
Plow pump	6, 7,	Lube	1/13		
Duma	9, 11	Wash	1 /20		
Dump	3, 4,	Wash	1/20		
	6, 7, 9, 11				
Tractor	7, 11	Repair front axle leak	1/22		
Explorer	96	New battery, 2 new tires	1/27		
Crown Vic	BI	2 new tires, Oil change	1/27		
Plow	10	Replace piston	2/3		
Payloader	PL	Wash, steam clean, lube	2/9		
Truck	1, 2,	Steam clean, lube	2/10		
	3, 6,				
	7				
Truck	5, 9,	Steam clean, lube	2/11		
	11				
Senior Bus		Oil change, lube, preventative maintenance	2/13		
Crown Vic	2012	Change gasket & thermostat	2/20		
Crown Vic	2011	Oil change & lube	2/24		
Truck	1	Change hydraulic lines on spreader and	2/25		
		body, steam clean			
Truck	8	Change gasket & hydraulic line on sled	2/26		
Truck	8	Steam clean & lube	2/27		

This report is being submitted for the reporting period ending March 9, 2 0 0 9

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

	SPI	SPDES ID							
Name of MS4/Coalition VILLAGE OF ARDSLEY	N	Y	R	2	0	Α	3	1	6

Incident Report

Location (st/cross	ross Description (water Date		Repair (DPW or	Date	
st)	main, sewage)	incident	other)	repaired	
Hilltop	Sewer back up	3/24/2008	Greenburgh	3/24	
Eastern Dr	Flush sewer	3/25	Ardsley DPW	3/25	
Heatherdell Rd	Sewer back up	3/31	Greenburgh	3/31	
Fairmont	Sewer back up	4/4	Greenburgh	4/4	
Eastern Dr	Flush sewer	5/6	Ardsley DPW	5/6	
Revolutionary Rd	Sewer back up	6/11	Greenburgh	6/11	
Dellwood Ln	Catch basin rebuild	6/26	Ardsley DPW	6/26	
Ashford Park	Catch basin rebuild	6/26	Ardsley DPW	6/26	
Concord Rd	Catch basin rebuild	6/27	Ardsley DPW	6/27	
Eastern Dr	Flush sewer	6/27	Ardsley DPW	6/27	
Revolutionary Rd	Sewer back up	7/6	Greenburgh	7/6	
Euclid Ave	Catch basin rebuild	7/8	Ardsley DPW	7/8	
Elm St	Catch basin rebuild	7/8	Ardsley DPW	7/8	
Augustine	Catch basin rebuild 2X	7/9	Ardsley DPW	7/9	
Center St	Catch basin rebuild	7/10	Ardsley DPW	7/10	
Glen Rd	Catch basin rebuild	7/28	Ardsley DPW	7/28	
Abington Rd	Catch basin rebuild	7/29	Ardsley DPW	7/29	
Hillside	Sewer back up	7/30	Greenburgh	7/30	
Major Appleby	Sewer back up	8/4	Greenburgh	8/4	
Lincoln	Catch basin rebuild	8/6	Ardsley DPW	8/6	
Eastern Dr	Flush sewer	8/7	Ardsley DPW	8/7	
Center St	Sewer back up	8/12	Greenburgh	8/12	
Woodlands Ave	Sewer back up	9/8	Greenburgh	9/8	
Prospect Ave	Sewer back up	10/15	Greenburgh	10/15	
Eastern Dr	Flush sewer	10/16	Ardsley DPW	10/16	
Heatherdell	Sewer back up	11/1	Private plumber	11/2	
Eastern Dr	Flush sewer	11/24	Ardsley DPW	11/24	
Eastern Dr	Flush sewer	12/22	Ardsley DPW	12/22	