



# Illicit Discharge Detection & Elimination Program (IDD&E) Annual Report

For The Period:

January 1, 2015 to December 31, 2015

for the

**BOROUGH OF DORMONT**  
ALLEGHANY COUNTY,  
PENNSYLVANIA

Prepared by:

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JANUARY 6, 2016

Date

This is the 2015 Annual IDDE Report which has been prepared in accordance with Section G of the Illicit Discharge Detection & Elimination Program.

## **A. Summary**

The IDDE Program was initiated in 2015. During this year all outfalls were screened. No evidence of any illicit discharge at any outfall was detected. There was one citizen complaint that was received and acted upon. All outfalls were mapped and an IDP Priority Map was prepared.

## **B. Outfall Reconnaissance Inventory Activity**

At the start of 2015, there were five outfalls that were being screened. All five of these outfalls are actually transition points from Dormont's stormwater system to our neighbor's stormwater system. Table 1 is a summary of the screenings performed. In September four additional outfalls were identified. The initial five were screened once when there had been a rain event within 72 hours and twice when there had not been any rain event within this period. Of these five outfalls, four were observed to be constantly flowing. Only the outfall on Potomac Avenue was found to be dry. There was no evidence of any illicit discharge at any of the outfalls. No sampling was performed.

For the subsequent four outfalls, three were identified as "end of pipe" and one is a transition point to Pittsburgh's stormwater system. These outfalls were screened once in September. All the end of pipe outfalls were dry. Only the transition point outfall, located at the foot of Edgemoor Avenue, was observed to have a constant flow. There was no evidence of any illicit discharge at any of the outfalls. No sampling was performed.

## **C. Citizen Complaints/Reports and Follow Up**

During 2015 there was only one citizen complaint, that being the reporting of an illicit discharge to the inlets on Scott Road. A copy of the complaint is attached. The substance of the resident complaint was that leaves were observed in the inlets. On December 15, 2015 a follow up inspection of three inlets on Scott Road at the intersection of Piedmont Avenue was performed by the engineer's office. A buildup of leaves in each was observed. Also observed was some structural damage (cracks & loose bricks) in one inlet and undermining of the roadway in another. The recommendation from the engineering office is that that O&M work is needed on all 3 inlets. The Inlets should be vacuumed, the loose brick re-mortared and the undermined area appropriately filled.

## **D. Outfall Mapping & IDP Priority Area Updates**

In 2015 the Borough Storm Sewer System Map was updated identifying all nine outfalls. From this map the initial Illicit Discharge Potential (IDP) Priority Map was prepared and completed in October. A copy of the IDP Priority Map is attached. On this map the upstream contributing areas for each outfall were identified, as well as commercial sites, which are predicted to have the potential for indirect discharges.

**TABLE 1**  
**YEARLY OUTFALL SCREENING SUMMARY**  
**OUTFALLS**

SCREENING DATE	RAIN <72 HRS (Y/N)	STM-849			STM-850			STM-851			
		SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)	SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)	SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)	
3/24/2015	Y	Y	Y	N	Y	N	Y	Y	N	Y	N
5/26/2015	N	Y	Y	N	Y	N	Y	Y	N	Y	N
8/7/2015	N	Y	Y	N	Y	N	Y	Y	N	Y	N
8/25/2015	N										
9/18/2015	N										

SCREENING DATE	RAIN <72 HRS (Y/N)	STM-853			STM-854			STM-33		
		SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)	SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)	SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)
3/24/2015	Y	Y	Y	N	Y	Y	N			
5/26/2015	N	Y	Y	N	Y	Y	N			
8/7/2015	N	Y	Y	N	Y	Y	N			
8/25/2015	N							Y	N	N
9/18/2015	N									

SCREENING DATE	RAIN <72 HRS (Y/N)	STM PIPE 35			STM-407			STM PIPE 34		
		SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)	SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)	SCREENED (Y/N)	FLOWING (Y/N)	ID DETECT (Y/N)
3/24/2015	Y									
5/26/2015	N									
8/7/2015	N									
8/25/2015	N									
9/18/2015	N	Y	N	N	Y	Y	N	Y	N	N

## Illicit Discharge Detection & Elimination Reporting/Field Inspection/Follow up

### **Health and Safety Hazards**

*Note to field staff: If the discharge poses a threat to human health, safety or the environment, please contact the Borough Engineer. If he/she is not available, leave a message and contact the Allegheny County Health Department, Chief of Public Drinking Water & Waste Management at (412) 578-8040; 24-hour phone number (412) 687-2243. For discharges that pose immediate dangers to health and safety, contact emergency services (911).*

**Does this discharge pose a potential threat to human health, welfare or the environment? \_\_\_ Yes X No**

**If yes, follow procedure for notifying the ACHD in the "note to field staff" and record the information below:**

Person Contacted:	Wayne McVicar	Time contacted:	9:00am	ER Tracking #:	
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### **Step 1. Information on the potential illicit connection or discharge**

Name of person collecting information:	Wayne McVicar
Phone number of person collecting information:	
Department of person collecting information:	Engineering
Person Reporting Illicit Discharge:	Pam Gowans
Phone Number:	Did not want to give
Address:	Gaylord Avenue
Date of discovery:	12-7-15
Time of discovery:	N/A
Description of Illicit Discharge:	Resident observed that the inlets had a significant amount of leaves and sediment in them and are in need of cleaning.

### **Step 2. Location of the potential illicit connection or discharge. Select location format A or B:**

#### **A. Location Narrative**

Address of Illicit discharge:	Scott Road
Closest Intersection:	W. Liberty Avenue/Beacon Hill Avenue
Location Narrative:	Along the street at the various stormwater inlets

#### **B. Latitude and Longitude (GPS required)**

Latitude:		Longitude:	
XY Source:			

### **Step 3. Is the connection or discharge one of the conditionally allowed ones listed below? If yes, check the appropriate box. Yes X No \_\_\_ Unknown \_\_\_**

<input type="checkbox"/>	Discharge from emergency fire fighting activities	<input type="checkbox"/>	Water line flushing
<input type="checkbox"/>	Diverted stream flows	<input type="checkbox"/>	Foundation drains
<input type="checkbox"/>	Irrigation return flow	<input type="checkbox"/>	Air conditioning condensation
<input type="checkbox"/>	Rising groundwater	<input type="checkbox"/>	Water from crawl space pumps
<input type="checkbox"/>	Uncontaminated groundwater infiltration	<input type="checkbox"/>	Footing drains
<input type="checkbox"/>	Uncontaminated pumped groundwater	<input type="checkbox"/>	Discharges from potable waters sources
<input type="checkbox"/>	Springs	<input type="checkbox"/>	Discharges from lawn watering and other irrigation runoff
<input type="checkbox"/>	Flows from riparian habitats and wetlands	<input type="checkbox"/>	Street and sidewalk wash water, water used to control dust, and routine external building wash that does not use detergents
<input type="checkbox"/>	Other (describe):	<input type="checkbox"/>	Residential car washing

**Step 4. Are there indicators of pollutants in the discharge? If yes, check all that apply.**    Yes    No    Unknown

	Visible signs of staining, residues, or oily substances in the water or detained within ditches, channels, catch basins, or surrounding pavement and soils.
	Pungent odors coming from the drainage system (e.g. discharge smells like sewage, sulfide, petroleum/gas or rancid)
	Discoloration or oily substances in the water
	Abnormal water flow during the dry weather season
	Excessive sediment deposits or turbid water, particularly near active offsite construction sites
	Floatables (e.g. discharge includes sewage, an oil sheen, suds, garbage)
	Broken concrete or other disturbances at or near junction structures.
	Trash/garbage carried from the connection to the Borough's right-of-way
X	Other (describe): LEAVES OBSERVED IN THE INLETS

**Step 5. How is the water entering or connecting to Dormont's stormwater conveyance system?**    N/A

	No structures visible
	Through a discharge from a man-made structure that is outside of the Borough's right-of-way
	Through a discharge from a man-made structure that is within the Borough's right-of-way
	Through a direct connection

**Step 6. Characterize the structure and flow of the discharge or connection.**    N/A

**A. What is the discharge structure (choose a type and a material):**

Pipe		Ditch		Other (describe below)
<input type="checkbox"/>	Concrete	<input type="checkbox"/>	Vegetated	
<input type="checkbox"/>	Plastic	<input type="checkbox"/>	Rock Lined	
<input type="checkbox"/>	Metal	<input type="checkbox"/>	Asphalt	
<input type="checkbox"/>	Vitrified clay	<input type="checkbox"/>	Bare Soil	
<input type="checkbox"/>	Other (describe)	<input type="checkbox"/>	Other (describe)	

**B. What is the approximate size of the structure?**

Size (inches):	If "other" was chosen for 6a, choose the best measurement to characterize the size of the structure:
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**C. What is the approximate flow? Check the appropriate box.**

<input type="checkbox"/>	Saturated soils to a trickle of water	<input type="checkbox"/>	Adequate flow to fill the structure ¾ full
<input type="checkbox"/>	Adequate flow to fill the structure ¼ full	<input type="checkbox"/>	Structure is full
<input type="checkbox"/>	Adequate flow to fill the structure ½ full	<input type="checkbox"/>	

Additional information, if known, on the nature and quantity of discharge:

**Step 7. Has the source of the potential illicit discharge or connection been identified?**    Yes    No    Unknown

Describe the type and source of the discharge or connection: NO ID OBSERVED

**Does this appear to be a single event?**    Yes    No    Unknown

**Step 8. Were samples taken and sent to a lab for analysis?**      **Yes**      **No**

Describe Results of Test (attach lab report)

**Step 9. Comments/Investigation Observations/Needed Follow-Up**

12/15/15 – Inspected 3 inlets on Scott Road at the intersection of Piedmont Ave. Observed a buildup of leaves in each. Also observed some structural damage (cracks & loose bricks) in one and undermining of the roadway in the third. O&M work is required on all 3 inlets. Inlets should be vacuumed, the loose brick should be re-mortared and the undermined area should be filled.

# Dormont Borough Storm Sewer System Municipal Storm Sewer System (MS4) Map IDP Priority Map



- - - - - Parcel Boundary
- ▭ Building
- ▭ Parcel Boundary
- Storm Structures**
- Catch Basin
- Storm Manhole
- ▭ Catch Basin
- ▭ Storm Lymphatic
- ▭ Discharge Point (Outlet)
- ▭ Storm Line
- ▭ Wetland/Invasive Species LSP
- Commercial Buildings**
- 1. Beach Club
- 2. Warehouse (B)
- 3. Doctor's Office
- 4. Store
- 5. Warehouse (A)
- 6. Dry Cleaning
- 7. Pharmacy
- 8. Food Market
- 9. Flower Shop
- 10. Storage Shed
- 11. Auto Wash
- 12. Gas
- 13. Gas Station (A)



0 200 400 600 800 Feet

October 2015