



## **CITY OF ABERDEEN**

### **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500 / General NPDES Permit No. MDR055500

## **FISCAL YEAR 2018 ANNUAL REPORT**

#### **Prepared For:**

CITY OF ABERDEEN

Department of Public Works



#### **Prepared By:**

KCI TECHNOLOGIES, INC.

Delaware Water Resources Practice

KCI Project No. 17158575D

**December 5, 2018**

**CITY OF ABERDEEN**  
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**MS4 MAPPING**

Organized / Submitted via Separate Electronic File (Zip Folder) due to File Size.

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**FISCAL YEAR 2018 ANNUAL REPORT**

**A. INTRODUCTION**

This report details the efforts undertaken in Fiscal Year (FY) 2018 by the City of Aberdeen (City) to comply with its National Pollutant Discharge Elimination System (NPDES) Phase II Permit. Described in detail below are activities conducted in support of the six Minimum Control Measures (MCMs) during the reporting period of July 1, 2017 through June 30, 2018, as well as proposed NPDES Program activities for the next permit year (FY 2019).

The City's budget includes the following line items to assist with managing the NPDES Permit:

- Storm Drain Operating Budget = \$ 30,000
- Consultant Services - NPDES Program Implementation (FY 2018) = \$ 100,000

**B. FISCAL YEAR 2018 NPDES PROGRAM ACTIVITIES**

The NPDES Program activities conducted by the City are listed below and organized according to the six Minimum Control Measures (MCMs), as specified in the NPDES Permit.

**1. Public Education and Outreach    &    2. Public Participation and Involvement**

**Earth Day Event and Flyer**

The City hosted Earth Day on April 28, 2018 at Aberdeen Festival Park. The flyer for this event is included as **Figure 1**.

**Streams Summer Adventure Program**

Harford County held a Streams Summer Adventure program to raise awareness and support for protecting Harford County's waterways and to encourage residents to explore the natural beauty of the County's streams. The program booklet and description of program events has been included as **Appendix A**.

**Banners**



Public education banners were placed on environmental refuse trucks.



## Stormwater Website

A storyboard was developed to update the City's stormwater website. The home page has a 'How Do I...' tab for reporting illicit discharges and includes narratives on stormwater regulations, watersheds, water quality, 'How I Can Help,' and the 6 MCMs. The stormwater website storyboard has been included as **Appendix B**.

**Figure 1**  
**Earth Day Flyer – April 28, 2018**

<b>Harford County</b>		<b>SATURDAY APRIL 28, 2018</b> (Rain Date 4/29/2018)	
<h1>EARTH DAY</h1>			
<b>Celebration at Aberdeen Festival Park 11am to 4pm</b> Located at 60 N. Parke St. (2 blocks from Route 40 & West Bel Air Ave) Across the street from the Aberdeen Library.			
<b>Native Animals</b> 	<b>FOOD:</b> 	<b>Environmental Exhibitors</b> 	<b>Live Music</b> 
<b>Play Music on bike parts</b> 	<b>Scrap Hockey</b> 	<b>Play Tired Earth</b> 	<b>Pedal Bicycles</b>  To Make electricity & Paint Frisbees Proceeds to "Clean Water for Haiti"
<b>Play 20 Recycled Games:</b> Wiffle Dog, Toe Jagger, V-8 Chucker, LP Derby, Ocean Jungle, Slot Ball, Tide Slide, Bottle Cap Rumble, Cardboard Canyon & more!  <b>Still 3 plays for \$1.00</b>		<b>HELPING OTHERS</b> Donate these items and receive FREE game tickets: Cell phone= 1, Ink cartridge= 1, Bag full of pet or people food= 3, Baseball equipment (bats, balls, gloves, cleats) = 1 to 5 	
<b>Earth Day Sponsors &amp; Members:</b> HARFORD GLEN ENVIRONMENTAL CENTER ANITA C. LEIGHT ESTUARY CENTER HARFORD BANK PNC BANK FRITO LAY		<b>Fun for the Family!</b> 	
<b>Hosted by The City of Aberdeen</b>		<b>For Details or rain info. call 410-297-4215</b>	

### **3. Illicit Discharge Detection and Elimination**

#### **Beehive Software**

The City continues to use Beehive software as an infrastructure and asset management mapping tool for its MS4.

#### **MS4 Mapping**

The MS4 Mapping includes all BMPs, outfalls, inlets and manholes listed in the City's Beehive database. Also included on the MS4 Mapping are the FY 2018 IDDE screening locations. The MS4 Mapping contains one overall index map and 14 individual grid maps (formatted to 36w x 40h), and has been organized in a separate electronic file due to file size. Please note that the mapping should be opened with Adobe Acrobat Reader DC.

#### **Standard Operating Procedure**

A Standard Operating Procedure for the IDDE Program and the outfall screening process was developed and included in the FY 2017 Annual Report.

#### **Training**

Fourteen employees received Pollution Prevention training via a video by American Training Resources, which was followed by a test. The training covered the Public Works Maintenance Shop Stormwater Pollution Prevention Plan and requirements.

#### **Summary Report**

In FY 2018, a total of 44 outfalls were screened for dry weather flow. Of the 44 outfalls screened, seven had dry weather flow. Field testing results indicated that none of the seven outfalls had any evidence of illicit discharge. The FY 2018 IDDE Program Summary Report has been provided as **Appendix C**.

#### **Ordinance**

The City passed an ordinance for illicit discharges and right of entry, which has been included as **Appendix D**.

#### **MS4 Improvements**

The City performs storm system improvements as part of routine maintenance, which also serves to correct potential pollutant sources into the MS4. **Table 1** lists the catch basin improvement projects (6); **Table 2** lists open drainage improvement projects (12); and, **Table 3** lists catch basin and pipe inspection and maintenance for the reporting period.

#### **Citizen Complaints**

Ten citizen complaints were reported and work was completed, as listed in **Table 4**.

**TABLE 1  
CATCH BASIN IMPROVEMENT PROJECTS**

<b>Location</b>	<b>Project Type</b>
Plater Street	Installed drain pipe
503 Baltimore Street	Removal of curb and sidewalk to create water passage
Edmund/James	Replaced upgraded storm drain grates
700 Walker St.	Replaced entire box/floor/frame/grate
702 Courtney Drive	Box repaired
Grove Street	Outfall and section of corrugated pipe replaced

**TABLE 2  
OPEN DRAINAGE IMPROVEMENT PROJECTS**

<b>Location</b>	<b>Project Type</b>
Rogers Street Ramp	ditch line dug out and curlexed swale
Maxa Road	ditch line cleaned debris removed from swale
Mt. Royal Ave & W. Bel Air Ave.	dug out brush and tree stumps at outfall swale
Ferndale	ditch line - removed debris from swale
Rogers Street Ramp	ditch line cut / debris removed
Barnette Lane	ditch line cleared of debris and inspected
Baker Street	ditch line cleaned and debris removed
Emerson	ditch line cleaned and inspected
Maxa Road	ditch line regraded and new rip rap swale installed
Baker Street	ditch line cleaned and debris removed
Maxa Road	ditch line cut and debris removed
Defense Drive	ditch line cleaned and debris removed

**TABLE 3  
CATCH BASIN AND PIPE INSPECTION AND MAINTENANCE**

<b>Catch Basins Inspected (No.)</b>	<b>Catch Basins Maintained (No.)</b>	<b>Storm Sewer Pipe Inspected (Linear Feet)</b>	<b>Storm Sewer Pipe Jetted (Linear feet)</b>
18,612	2,146	2,724.5	5,721.1

**TABLE 4**  
**CITIZEN COMPLAINTS**

<b>Date</b>	<b>Complaint</b>	<b>Action Taken</b>
07-02-17	Debris on inlet at 618 Burkley	Cleaned debris from inlet
07-27-17	Debris on inlet at 618 Burkley	Cleaned debris from inlet
07-27-17	Drainage complaint at 45 Graceford	Inspected/cleaned pipes, inlets and outfall
07-25-17	Debris on inlet at Crestmont and Hemlock	Cleaned debris from inlet
04-24-18	Debris on inlet at Crestmont and Hemlock	Cleaned debris from inlet
05-16-18	Debris on multiple inlets at Oxford Ave	Cleaned debris from inlet
05-16-18	Debris on inlet at 502 Second Street	Cleaned debris from inlet and outfall
05-25-18	Debris on inlet at 700 Custis Street	Cleaned debris from inlet
06-11-18	Complaint about ditch line at 600 Old Robinhood Road	Contacted SHA Churchville Maintenance Shop for action.
06-12-18	Blocked inlet at 436 Hillcrest	Cleaned inlet, jetted downstream pipe section

#### **4. Construction Site Stormwater Runoff Control**

##### **a. Statewide Erosion and Sediment (E&S) Control Program to Control Construction Site Stormwater Runoff**

The City, as a delegated E&S control enforcement authority, administers its own Stormwater Management (SWM) Program. The City reviews and approves Stormwater Management Plans.

Maryland has a SWM Program in place, therefore the City is in compliance with the State statute, NPDES General Permit, and Code of Federal Regulations. Approval is current and renewed every two years.

The City performs the following E&S control functions:

- Issue grading permits.
- Collect permit bonding.
- Ensure a Green Card holder installs and maintains all controls.
- Protect adjacent properties from runoff.
- Conduct bi-weekly and rain event inspections as required; issue correction notices if deficiencies are found.
- Maintain records.
- Release bonding upon final site permanent stabilization.

The City has three Certified Construction Reviewers on staff. In FY 2018, there were 15 active construction sites (**Table 5**). Bi-weekly and rain event E&S inspections were conducted.

**TABLE 5**  
**ACTIVE CONSTRUCTION PROJECTS**

Site Name	Location	Owner Name / Address	Acres	Watershed Designation*	Land Use	General Permit No.	Approval Date
National Tire Battery	320 S. Philadelphia Blvd	TCB Corporation, 4300 TCB Way, Palm Beach, FL 33410	1.1	Aberdeen Proving Ground	Commercial	17-01	2017-07-05
Lidl	621 S. Philadelphia Blvd	Lidl, US Operations, LLC. 3500 South Clark St, Arlington, VA 22202	7.02	Aberdeen Proving Ground	Commercial	17-02	2017-08-01
Cheetos Expansion Ph 4 SWM	800 Hickory Drive	Frito-Lay, Inc., 7701 Legacy Dr, Plano, TX 75024-0634	4.93	Bush River	Industrial	16-02	2017-08-04
Horne Concrete Construction L. C.	905 Old Philadelphia Road	Horne Concrete Constr LLC, 905 Old Philadelphia Rd, Aberdeen, MD 21001	0.42	Bush River	Industrial	17-05	2017-09-01
Aldi's Expansion	746 Pulaski Hwy	Aldi Inc., 8751 Gas House Pk, Fredrick, MD 21701	0.32	Aberdeen Proving Ground	Commercial	17-07	2018-02-05
Frito-Lay WWTP Improvements Phase II	800 Hickory Drive	Frito-Lay, Inc., 7701 Legacy Dr, Plano, TX 75024-0634	0.71	Bush River	Industrial	17-04	2018-03-23
The I-95 Center, LLC	Rte 22	Stadium Towne Center, Aberdeen, MD 210012	10.831	Swan Creek	Commercial	17-03	2018-07-11
Eagle's Rest Oper C	Aldino-Stepney Road	Sage Custom Homes, LLC., 6807 Park Heights Ave, Baltimore, MD 21215	12.65	Swan Creek	Residential	18-02	2018-05-04
Barnett Land Hotel	Barnett Lane	KCP Properties, 5271 Pulaski Hwy, Perryville, MD 21903	2.14	Swan Creek	Commercial	07-09	2017-04-13
Summerlin	879 Beards Hill Road	Summerlin Development, LLC 879 Beards Hill Rd, Aberdeen, MD 21001	14.1	Swan Creek	HDR	13-07	2016-06-24
Cheeto's Expansion Ph 1	800 Hickory Drive	Frito- Lay, Inc., 7701 Legacy Dr, Plano, TX 75024-0634	1.92	Bush River	Industrial	16-01	2016-04-22
Eagles Rest	Eagles Rest Aberdeen MD	Michael Charlton, Elm St Development, 1355 Beverly Rd, Suite 240, McLean, VA 22101	48.9	Swan Creek	Low Density Residential	05-13	2016-04-06
Fields @ Rock Glenn	Fields at Rock Glenn Aberdeen MD	Shawn Pyle, Rock Glenn Partners, LLC, 303 International Circle, Suite 360, Hunt Valley, MD 21030	35.73	Swan Creek	Low Density Residential	05-06 / 10-08	2016-08-11
Hampton Inn/La Quinta	Hampton Inns & La Quinta Inns	MEGHA Inc., 793 W Bel Air Ave, Aberdeen, MD 21001	0.64	Bush River	Commercial	14-02	2017-05-05
Cheetos Expansion Ph 4 SWM	800 Hickory Drive	Frito-Lay, Inc., 7701 Legacy Dr, Plano, TX 75024-0634	4.93	Bush River	Industrial	16-02	2016-10-03

\* Watershed delineation

[http://data-harfordgis.opendata.arcgis.com/datasets/7d36c51b791d4dc98aeb49653d026057\\_0?uiTab=charts](http://data-harfordgis.opendata.arcgis.com/datasets/7d36c51b791d4dc98aeb49653d026057_0?uiTab=charts)

### **b. Delegated Agency Ordinance Requirement**

To be a delegated E&S control enforcement authority, a locality must have the following:

- An ordinance or set of regulations in place approved by MDE.
- Inspection and enforcement procedures to ensure proper E&S control implementation and maintenance.
- Sufficient field staff to inspect active construction projects.

Chapter 465 of the City ordinance provides minimum requirements and procedures that control the impacts associated with stormwater runoff. Chapter 297, E&S Control provides protection regarding land disturbance. Maryland has the Stormwater Act of 2007 that requires the use of Environmental Site Design (ESD).

### **5. Post-Construction Stormwater Management**

Permittees must either administer an effective SWM Program according to the Code of Maryland Regulations (COMAR), or accept the program that is being implemented by its respective County. COMAR allows for such administration of local SWM Programs.

The City administers its own SWM Program and is responsible for triennial inspections of stormwater Best Management Practices (BMPs). A 3-year inspection schedule is shown in **Figure 2** on Page 12.

For new construction, once the SWM facility is completed and the As-Built Certification is approved, the City's E&S control inspector inspects these BMPs at the end of the first year, and at least every three years thereafter to ensure that they are operating as designed and are being properly maintained. **Table 6** lists BMPs inspected in FY 2018, the inspection findings, and the corrective actions. In addition, routine mowing was conducted on 13 BMP ponds and swales.

The City is currently collecting their BMP data in preparation for the Chesapeake Bay restoration permit requirements for baseline impervious area determination.

**TABLE 6**  
**BMPS INSPECTED AND CORRECTIVE ACTIONS**

<b>BMP</b>	<b>Inspection Finding</b>	<b>Action Taken</b>
AB01BMP000124	Erosion, Needs woody vegetation removed and rip rap replaced	Notified Property Owner
AB11BMP000061	SWM in good condition	No Action Required
AB00BMP000150	Needs mowing and woody vegetation removed	Notified Property Owner
AB00BMP000151	Needs mowing and woody vegetation removed	Notified Property Owner
AB00BMP000152	SWM in good condition	No Action Required
AB00BMP000154	Needs mowing and woody vegetation removed	Notified Property Owner
AB00BMP000193	SWM in good condition	No Action Required
AB00BMP000194	Needs mowing and woody vegetation removed	Notified Property Owner
AB93BMP000188	Moved to FY 2019	
AB94BMP000179	Muck out, remove overgrown vegetation	Notified Property Owner
AB04BMP000052	Muck out, remove overgrown vegetation	Notified Property Owner
AB04BMP000053	SWM in good condition	No Action Required
AB04BMP000054	Refurbish check dam	Notified Property Owner
AB04BMP000055	SWM in good condition	No Action Required
AB03BMP000184	SWM in good condition	No Action Required
AN14BMP000187	Needs mowing and woody vegetation removed	Notified Property Owner
AB10BMP000189	SWM in good condition	No Action Required
AB10BMP000190	SWM in good condition	No Action Required
AB10BMP000191	SWM in good condition	No Action Required
AB10BMP000192	SWM in good condition	No Action Required
AB08BMP000195	Needs mowing and woody vegetation removed	Notified Property Owner
AB14BMP000196	SWM in good condition	No Action Required
AB02BMP000016	Mowed and mucked	Notified Property Owner

## 6. Pollution Prevention and Good Housekeeping

The City performed the following activities towards reducing pollutants from its municipal operations during the reporting period. **Table 7** lists the Good Housekeeping BMPs for Municipal Operations for FY 2018.

**TABLE 7**  
**GOOD HOUSEKEEPING BMPs FOR MUNICIPAL OPERATIONS**

<b>Street Sweeper (miles swept)</b>	<b>Salt Usage (tons)</b>	<b>Vehicle Maintenance (no.)</b>	<b>Recycling (tons)</b>	<b>Leaves Collected (cubic yards)</b>	<b>Pesticide Use (gallons)</b>
3,013	437.51	170	978.58	550	17

### **a. Street Sweeping**

The City conducts street sweeping from March through early November of each year in four zones. The schedule is posted on the City's website.

- 3,013 miles of streets were swept.
- 116.6 tons of sweeper waste were collected and disposed.

### **b. Leaf collection**

The City conducts leaf collections beginning in November of each year.

- 550 cu yds. of leaves were collected.

### **c. Recycling**

The City has a recycling program and guide posted on its website. The City no longer accepts plastic bags and encourages composting.

- 4,538 households participated.
- 978.58 tons of material were collected.

### **d. Snow and Ice**

The City uses rock salt (sodium chloride) to manage snow and ice on its roadways. Snow equipment is calibrated to minimize salt application on an annual basis. All salt is stored under roof.

- Approximately 437.51 tons of salt were applied in winter season of 2017 – 2018.



**e. Vehicle Maintenance**

The City conducts vehicle maintenance according to a prescribed schedule.

- 170 vehicles were maintained according to schedule.

**f. Public Works Maintenance Shop (PWMS)**

A Notice of Intent (NOI) and Stormwater Pollution Prevention Plan (SWPPP) for the PWMS was submitted to MDE in July 2017. MDE accepted the NOI and SWPPP on July 21, 2017. Quarterly inspections began in the last quarter of 2017 and a comprehensive inspection was conducted in April 2018.

**g. Employee Training**

As part of the annual training requirement, the City trains those employees who are associated with NPDES Permit activities. The following occurred in the reporting period.

- Six employees received spill prevention training.
- 14 employees received Pollution Prevention training.

**C. FISCAL YEAR 2019 PLANNED NPDES PROGRAM ACTIVITIES**

The City processed a purchase order for \$100,000 to hire KCI Technologies, Inc. (KCI) to assist with program implementation and administration. The following activities are planned for FY 2019:

**1. Public Education and Outreach**

- Utilize redesigned website to post stormwater information.
- Distribute education materials at City Hall and public events.
- Distribute door hangers where illicit discharges are reported.

**2. Public Participation and Involvement**

- Hold Earth Day event.
- Install storm drain markers.
- Respond to citizen emails of suspected illicit discharges reported from the 'How Do I...' website link.

### **3. Illicit Discharge Detection and Elimination**

- Begin enforcement of illicit discharge ordinance.
- Field screen 20% of the City's outfalls for presence of illicit discharges. A Yearly Outfall Screening Schedule is provided on **Figure 3** located on Page 13.
- Train staff on illicit discharges and illegal dumping and other stormwater issues.
- Develop Maintenance Bulletin on pollution prevention and good housekeeping and post at facilities.

### **4. Construction Site Stormwater Runoff Control**

- Continue as a delegated E&S control enforcement authority to administer the requirements under this MCM.

### **5. Post Construction Stormwater Management**

- Continue to administer the City's stormwater management program to meet the requirements under this MCM.

### **6. Pollution Prevention and Good Housekeeping**

- Continue to collect data from municipal operations (street sweeping, leaf collection, recycling) to quantify efforts.
- Continue to implement pollution prevention activities at facilities that meet the requirements of respective industrial permit.
- Continue to inspect facilities that have a General (Industrial) permit.

### **7. Chesapeake Bay Restoration and Meeting Total Maximum Daily Loads**

Although the new NPDES Phase II Permit is not in effect, KCI has begun delineating drainage areas for the City's BMPs. This work is necessary in order to complete the impervious area restoration work plan for the new NPDES Phase II Permit. KCI will utilize existing stormwater drainage data from the City's stormwater database, as well as 2-foot contour data, aerial imagery, and other available data to delineate the drainage areas.



Figure 2 - Yearly BMP Inspection Schedule

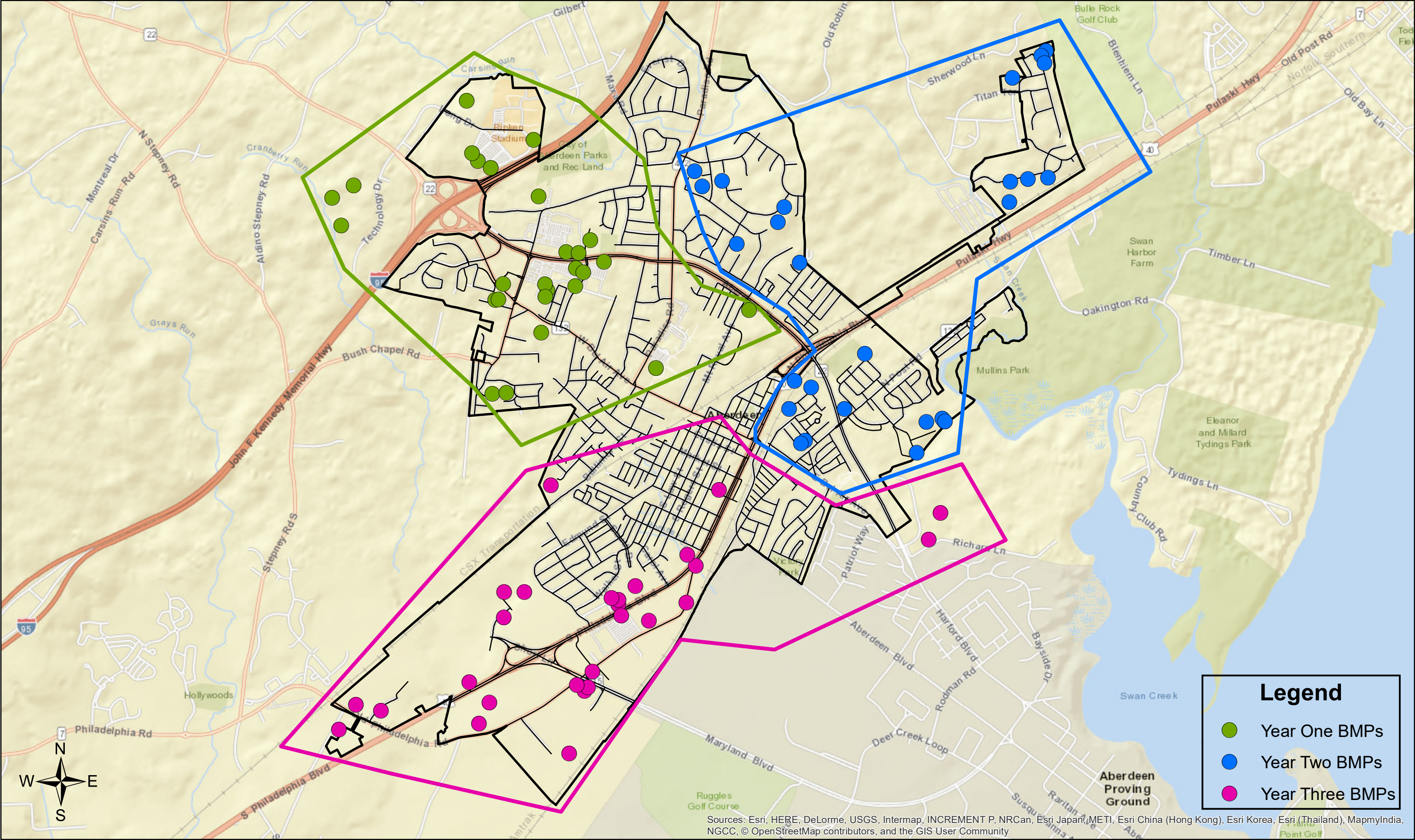
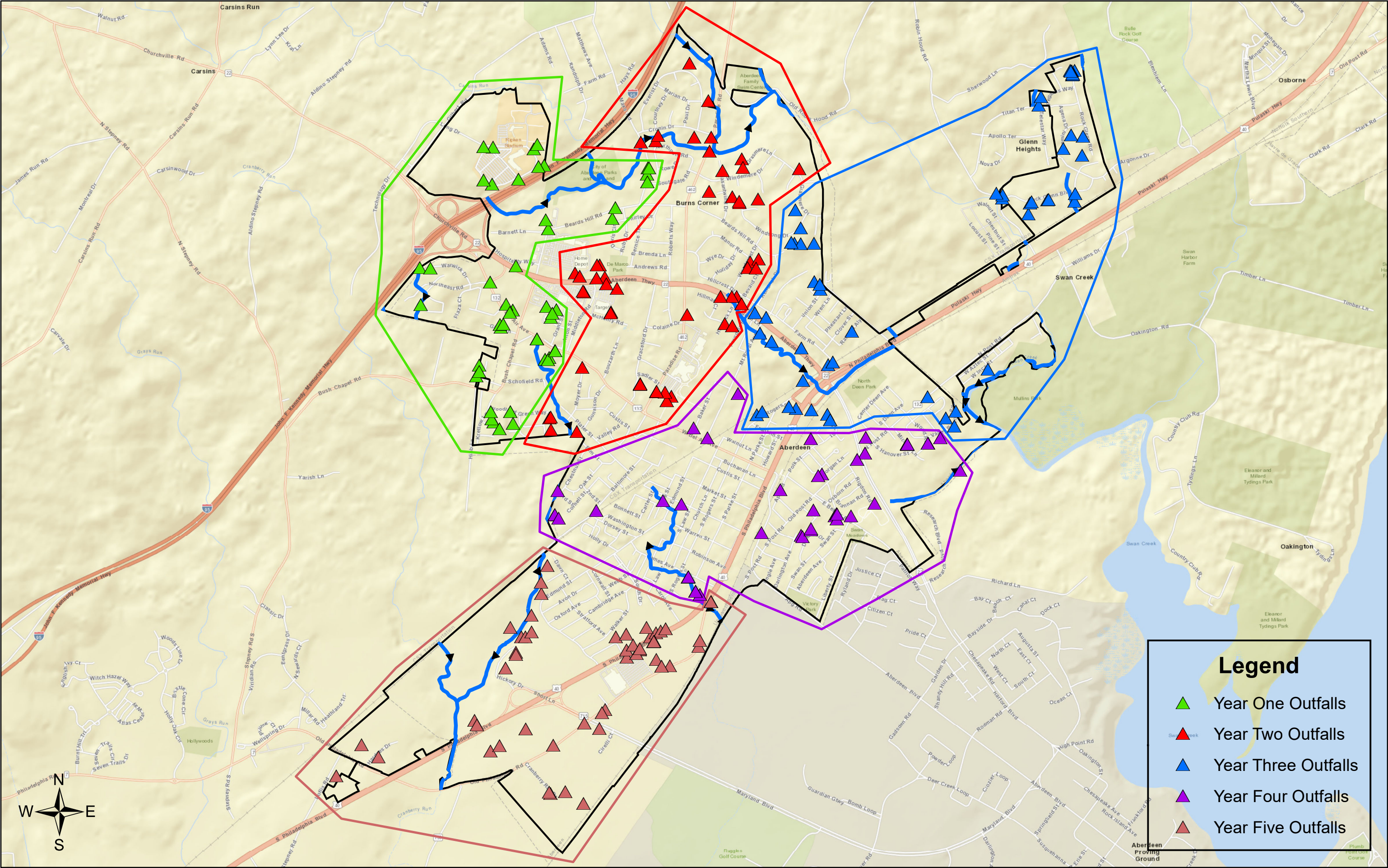




Figure 3 - Yearly Outfall Screening Schedule







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**APPENDIX A**

**STREAMS SUMMER ADVENTURE PROGRAM**

# Harford Streams SUMMER ADVENTURE 2018



Barry Glassman  
County Executive



VISIT  
HARFORD  
STREAMS

TAKE  
SELFIES

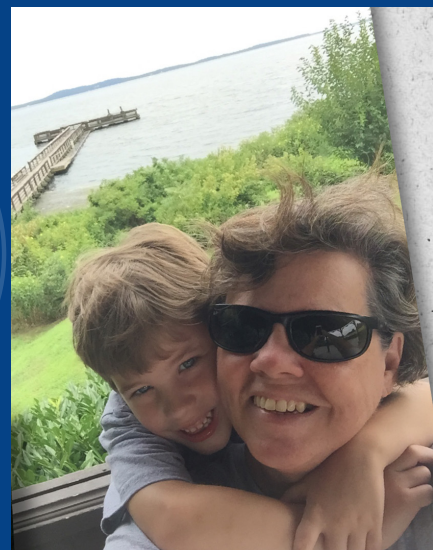
WIN  
PRIZES!

7 locations = Free T-shirt

11 locations = Drawing for a pontoon boat trip

15 locations = Drawing for a family membership to Port Discovery

Register and upload your selfies with comments here:  
[www.harfordcountymd.gov/harfordstreams/summeradventure](http://www.harfordcountymd.gov/harfordstreams/summeradventure)



Follow us and check out your selfies!



Harford Streams



@HarfordCountyMD

For more information please call Harford County Department of Public Works at 410-638-3217 x2448

## Harford Streams Summer Adventure 2018

Watershed Protection and Restoration continued our “Harford Streams Summer Adventure” program for 2018, to raise awareness and support for protecting Harford County’s waterways and to encourage residents to explore the natural beauty of the County’s streams. Registered participants were invited to take selfies and write a short comment about something they did, learned, or observed at designated stream locations and upload them to our online app. Participants that submitted 7 sites earned a free T-shirt. Participants that submitted eleven locations were eligible to win a Pontoon Boat Trip at the Anita C. Leight Estuary Center for fifteen people. Participants that submitted fifteen locations were eligible to win a Family Membership to Port Discovery Children’s Museum. County citizens of all ages were able to register for the adventure program, which concluded September 3, 2018.

### Website

A web page was created at <http://bit.ly/HSSummerAdventure> for the program which included links for:

- Registrations
- Online app for uploading photos
- Interactive Map for viewing photos
- Interactive Maps for viewing locations
- Frequently Asked Questions
- Geocaching
- Comments/Questions
- Drawing prizes

### App

An online app was created at

<https://harfordgis.maps.arcgis.com/apps/CrowdsourcingReporter/index.html?appid=d76ca062a443420ea17b03f33df10c00> for uploading photos, entering locations using GIS and describing actions.

An online app was created at

<http://harfordgis.maps.arcgis.com/apps/opsdashboard/index.html#/a4d312e08e074bf38bf987807a1ca777> for viewing photos.

An online app was created at

<https://harfordgis.maps.arcgis.com/apps/View/index.html?appid=e416a89622b54e83b373fe0dc61c5f95> for viewing the locations and maps.

### Advertising

Flyers, palm cards, or yard signs was distributed to numerous locations throughout the county, including all of the Harford County Libraries, random stores, restaurants, various businesses, and annual events like the Bel Air Town Run, Harford County Farm Fair and The Bar-B-Q Bash.

On June 2, 2018, the program was kicked off at the Anita C. Leight Estuary Center’s Wade-In event.

On May 22, 2018, Harford County issued a Press Release laying out the details of the program.

### Poker Run

Once again, a “poker run” was held on July 14, 2018 and was a huge success with ninety-five participants. Registration began at the Anita C. Leight Estuary Center in Abingdon. Then, participants had to visit Bosely Conservancy, Mariner Point Park and Copenhaver Park. The poker run concluded back at the Anita C. Leight Estuary Center in Abingdon where participants turned in their cards and

received snacks, T-shirts and other prizes. Prizes included a Yeti Roadie 20 Cooler, an Eagles Nest Outfitters DoubleNest hammock, a Yeti cup and Aberdeen Ironbirds tickets.

Visit Harford, University of Maryland Extension Office, Recycling Office, Office on drug Control Policy, Watershed Stewards Academy, and Marshy Point Nature Center supported and set up displays for the event.

## Poker Run Donations

Yeti Cooler – MK Consulting Engineers, Whitehall Mill, 3300 Clipper Mill Road, Suite 201, Baltimore, MD

Yeti Cup – Watershed Protection and Restoration

Ironbirds tickets – Visit Harford

T-shirts – Visit Harford

Venue (the Anita C. Leight Estuary Center) – the Anita C. Leight Estuary Center and HCPS

## Results

Harford Streams Summer Adventure 2018.

Number of Participants	720
Number of Selfies Submitted	589
Number of T-Shirts Earned 7 sites visits or more	201
Number of Participants Entered Into The Pontoon Boat Drawing 11 site visits or more	19
Number of Participants Entered Into Maryland Science Center Drawing 15 site visits or more	4
Number of Participants Who Did More Than Required More than 15 site visits	1

Waterway	Groups/Families Visited
Alice & William Longley Park	24
Anita C. Leight Estuary Center	45
Benjamin's Bridge	16
Canoe/Kayak Launch	25
Bynum Run Park	29
Concord Point Lighthouse	27
Conowingo Dam	23
Eden Mill Nature Center	20
Flying Point Park	20
Forest Hill Recreation Complex	20



Gunpowder Falls State Park: Pleasantville Area	19
Gunpowder Falls State Park: Sweet Air Area	10
Harford Glen Environmental Education Center	32
Hidden Valley Nature Area	7
Jerusalem Mill Village	30
Ma and Pa Trail @ William's Street	27
Millard Tydings Memorial Park	18
Rock Run Gristmill	23
Rocks State Park	31
Stoney Demonstration State Forest	6
Swan Harbor Farm	13
Waterway Of Your Choice	48

## Feedback

Feedback throughout the program was very enthusiastic.

- Megan Connors of Edgewood said, "This was our first geocache experience. Once we got the hang of it, the challenge is exciting."
- Angela Hoover of Bel Air said, "Conowingo Dam was our favorite location to visit this summer! Got to see the gates open on the dam & a bald eagle flew real close to us after catching a fish!"
- Danielle Kepner of Darlington said, "Lived here all my life and found a new trail."
- Katie Connelly of Abingdon said, "Have never been to Copenhaver, nice little place for families."
- Mary Staron of Abingdon said, "Hidden Valley Nature Area was a fun little treasure in Northern Harford County. We saw a heron, beautiful butterfly and played in the water and was refreshingly cool on this hot day."

On September 25, 2018, County Executive, Barry Glassman and staff offered their thanks and congratulations to this year's prize winners.

On September 26, 2018, Harford County issued a Press Release congratulating the winners from the drawings.

## Feedback Form results at the conclusion of the program

Did you participate previously?

- No (12 responses, 50.0%)
- Yes (12 responses, 50.0%)

Did you participate in geocaching?

- No (19 responses, 79.2%)
- Yes (5 responses, 20.8%)

Did you learn something new by participating?

- No (4 responses, 16.7%)

- Yes (20 responses, 83.3%)

If yes, what did you learn?

- Every year I learn of new places to visit. This year it was the Marinas and kayak dropl in
- All of the locations of streams and nature centers!
- Found a few new areas, like forest hill trail
- We went to places in Harford County that we didn't even know existed.
- There's a lot more streams/trails available in HarCo than I previously thought. My son loves pulling rocks/shells from streams so this was great.
- It was fun walking around Eden Mill and Anita C Leight and reading the nature signs
- We found areas like the sand volleyball court At flying point!
- We never geocached before, so it was exciting to see the kids take the phone and let it guide them to the "treasure"
- Where new streams were that i didn't know within the county.
- Anita C Leight is awesome and has great programming.
- about the bengamin kayak launch
- Locations of some neat areas that we had not previously explored
- The diverse surroundings of multiple waterways in Harford County and the potential positive or negative impact on the bay.
- Learned about new places in the county I never knew about!
- Stream location
- We found awesome new recreational opportunities for our family nearby
- There are more hiking trails than I previously realized.
- Everything feeds the bay. Some parks have so much trash. We should all leave nothin behind.
- I had no idea Harford County had so many public accesses to fresh water.

The raffles encouraged me to visit more locations.

- Agree somewhat (12 responses, 50.0%)
- Agree strongly (8 responses, 33.3%)
- Disagree somewhat (0 responses, 0.0%)
- Disagree strongly (0 responses, 0.0%)
- Neither Agree nor Disagree (5 responses, 20.8%)

I like the T-shirt design.

- Agree somewhat (5 responses, 20.8%)
- Agree strongly (21 responses, 87.5%)
- Disagree somewhat (0 responses, 0.0%)
- Disagree strongly (0 responses, 0.0%)
- Neither Agree nor Disagree (1 response, 4.2%)

Did you like the submission process and what would you recommend to improve it?

- Very easy
- It was fine

- I had a better cell phone this year which helped. Nevertheless I did experience trouble with the photo attachments
- The website was a little hard to utilize. Also, being directionally challenged I struggled to identify where exactly on the map I should place my picture.
- it was easy
- I felt like the submission process could have been a little easier. Maybe an app would help?
- It was pretty painless so that was good. I couldn't find a way to edit past submissions (I had picked an incorrect location for one of my submissions on the map but couldn't change it).
- The form seemed much better suited for mobile devices this year. An actual app instead of a webpage/shortcut might be nice.
- Yes Hard to find the exact location on the map for hikes.
- The map was tricky to use from a phone
- The map function was confusing and difficult to navigate.
- I think the submission process might be a little easier if we has access to what we submitted, without having to directly ask.
- Didn't like the way you could not search just for your log in but had to scroll through all of them to see just your section - wish there was a search functionality that allowed for that option.
- Better than last year. Had a few hiccups where the picture didn't upload even though the site said it had. I liked being able to filter submissions to my family too.
- worked well for me
- Yes, it was easy
- Yes
- It was much easier this year than last to submit photos! I did think it was a little more difficult to view everyone else's photos though.
- Yes easy hard to upload photos sometimes
- Would be easier to select our team rather than typing in the name as autocorrect sometimes takes over and it is easy to mistype on the phone when submitting photos
- Yes
- It was ok. Labeled locations would be nice
- Yes
- I had a few challenges uploading photos, but the staff handled it.

If you attended the Poker Run, what did you like or dislike?

- Yes. Liked the game. No real opinions one way or the other. Peaches were very tasty!
- We LOVED this event! I only wish the locations we went to had a little more stream to see and explore but it was a lot of fun regardless.
- We were out of town :(
- I think the poker run should be a different logo that says poker run on it. That way if you only participate in the poker run you get 1 shirt, but if you did the stream challenge, it's a different shirt. Or a different prize for the poker run to distinguish how people earned it
- did not like this years as much - the water areas were too close and I liked last years Poker run better.
- we did not attend

- Well organized
- Attended last year and our family had a blast competing for the best hand. Unfortunately we planned on attending this year but had to take our beagle to the emergency vet and missed out. Hope to do it next year
- Wish the locations had been a little more spread out.

Do you have any other comments, suggestions or concerns?

- This encouraged us to visit many locations instead of just the ones we go to the most frequently.
- Whilst geocaching is fun, looking at a device to follow coordinates does take away from simply enjoying nature
- I would love if you had a geocache "How to" at the beginning of the summer to help those of us who want to geocache but just don't get it/ know what I need to be successful. Keep up the awesome work, we LOVED it this year and can't wait to do it again!
- Do it again next year!! Are the locations the same year to year or do they vary? Would suggest changing out a few here and there if possible so people can see new spots.
- I liked that the park list changed had different/more locations this year. Found even more parks we didn't know existed
- I like the idea of dog bandanas. Maybe be a little more creative instead of just selfies of stream visits, pick an activity that involves the stream. Like, stream cleanup, find a cool rock, find a certain species of flowers or tree, just to make it a little more involved.
- hope you do it again next year. I have one child studying environmental science at Salisbury University and another attending North Harford Magnet Program for natural resources just as her older sister had. This is an excellent program that allows them to learn the names and characteristics of all the different streams that flow into the Chesapeake.
- I would like to suggest that you have a list of historic sites near streams (if you have not done this previously).
- Would it be possible to get flyers to schools so that more people know about the program! It was such a great experience! I'm a teacher and I tell my students all about it.
- We had a fantastic time. It would be really fun to meet up with some of the other stream lovers in Harford County who participated. Maybe a stream clean up with a group photo?

## Goals for Summer Adventure

Things to enhance our program next year include:

- Order more t-shirts initially
- Dog bandanas
- Advertise at APG
- Send out email to last year's participants

## New Location Possibilities

- Heavenly Waters
- Albert B. Hilton/Havre de Grace
- McLinney/Havre de Grace
- Park Conservation Area, Joly Acres Road at Deer Creek/White Hall/Parking?
- Little Gunpowder (Harford Road, etc.)
- Staford rd. flintmill
- Schucks Road Regional Park (new sensory park)
- Mt. Royal

## Goals for Summer Adventure Poker Run

Things to enhance our program next year include:

- Advertise earlier
- Partner with others
- Details completed earlier
- Email pictures Register with email but only we can see it
- Harford Stream bandanas for the pups
- Better Instructions
- Detailed printed map with times
- Encourage people to spend more time at locations
- Put a sign at selfie location
- Send pictures by email to Harford streams
- Double Adult m, l, 2x and 3x shirts
- Posters at Eden Mill, Anita, Harford Glen, Mason Dixon Fair
- Add poker run locations to the app locations
- Low hand prize 3rd
- Raffle prize
- Add Poker Run information to Palm Cards
- Set up Poker Run meeting with Greg Pizzuto
- Check other poker runs and places like Harley Davidson on Rt. 1
- Print list of pre-registered participants and check them off
- Send out email to last year's participants

## Locations

- Eden Mill
- North Harford High School
- Hidden Valley Nature Center
- IZAAK Walton League of America Inc. (Sportsman's Chapter)
- North Harford Game & Fish

## Exhibitors

- Baltimore Zoo – Penguin
- APG – Fatima Benu – Operations Assistant/Community Recreation Division 410-278-4011 DSN:298
- Spa Water – Jennifer Cravens – UMD Extension office – 410-638-3255
- Smoothie Station - Bari Klein – Healthy Harford – 443-643-3875
- Frank Lopez – DNR
- Wendy Doring – Recycling Office
- Charles Robmarbins - Office on Drug Control Policy – 410-638-1334 or c 443-699-8597
- Kristin Kirkwood – Harford Land Trust
- Scott McDaniels
- WSA
- Visit Harford
- Marshy Point Nature Center
- Ginny Elliott – Animal Talk with the owl
- Poster Child – Brayden Staron




**CITY OF ABERDEEN  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500  
General NPDES Permit No. MDR055500

**FISCAL YEAR 2018 ANNUAL REPORT**

**APPENDIX B**

**STORMWATER WEBSITE STORYBOARD**



Home Page

Home

City Hall

Residents

Visitors

Businesses

City Services

First Responders

**How Do I.....** (under Report, add bullet for reporting illegal discharge & pollution issues-see next slide)

Photo

Photo

Photo

City Newsletter

Economic Development

Online Payments

Contact Aberdeen

Bids / RFPs

Meetings & Legislation

**How Do I....**

- Apply For
- Employment
- Public Information
- Permit
- Park Rental
- Emergency Alerts and Robo Calls

- Pay For
- Water and Sewer
- Taxes

- Report
- Pothole
- Sewer Issues
- Street Light Out
- Illegal dumping or discharge

- View
- Upcoming Community Events
- Upcoming Meetings
- City Documents
- Council Meeting Minutes
- Council Meeting Agendas
- Newsletter

**Public Works** (home page)

Add to list along left column:

❖ [Stormwater Program](#)

All information regarding stormwater and NPDES will reside under Stormwater Program

## STORMWATER PROGRAM

### Stormwater

- ❖ [What is Stormwater?](#)
- ❖ [Watersheds](#)

### Stormwater System

- ❖ [Municipal Separate Storm Sewer System \(MS4\) and How it affects Water Quality](#)
- ❖ [NPDES Program](#)
- ❖ [Permit Documents](#)
  - NPDES Permit, Stormwater Management Plan  
(CoA to provide links)

### Links

- ❖ [Maryland Department of the Environment](#)
- ❖ [Environmental Protection Agency NPDES](#)
- ❖ [Harford County Stormwater Management](#)

### What is Aberdeen Doing?

- ❖ [Public Education and Outreach](#)
- ❖ [Illicit Discharge Detection & Elimination](#)
- ❖ [Construction Sites](#)
- ❖ [Best Management Practices – Post-construction Stormwater Management](#)
- ❖ [Pollution Prevention & Good Housekeeping](#)
  - Street Sweeping
  - Leaf Pickup
  - Recycling
  - MS4 Maintenance
  - Pesticide/Fertilizer/Herbicide Management
  - Public Works Facility Inspections / Monitoring
- ❖ [Reports](#) (link to Reports )
  - Annual Reports (CoA to provide link)
- ❖ [How Can I Help?](#)



### What is Stormwater and Why is it Regulated?

Stormwater is precipitation that produces runoff that travels over land, pavement, roof tops, and other surfaces. Some of the stormwater is absorbed by the ground and doesn't flow into streams, rivers, and lakes. The stormwater that does reach surface water eventually drains through a system of conveyances, such as inlets, swales, and pipes, which is discharged through an outfall. This stormwater may contain pollutants that it picks up along the way, such as sediment, oil, chemicals, nutrients, metals, and bacteria. It is important to understand that, unlike sanitary sewer, stormwater never gets to a treatment plant and it discharges directly into water bodies.

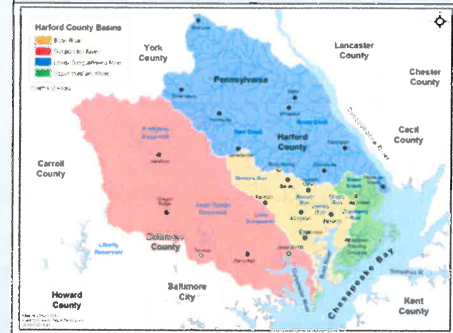
The US Environmental Protection Agency (EPA) requires that certain urbanized municipalities and state and local governments address the quality of stormwater and obtain a permit to discharge stormwater through a program called the National Pollutant Discharge Elimination System (NPDES). NPDES regulations contain limits on what can be discharged, and require the permittees to develop programs that manage stormwater quality and monitor and assess their effectiveness.



### Watershed

A watershed is an area of land that drains all the streams and rainfall to a common body of water.

The City of Aberdeen is located in the Upper Western Shore Basin, which drains to the Chesapeake Bay Watershed.



### Stormwater System (MS4)

The Municipal Separate Storm Sewer System (MS4) is a publicly-owned stormwater drainage system designed to convey stormwater. MS4 structures include inlets, conveyance pipes, manholes, and outfall pipes. The important point to remember is that the MS4 flows untreated to streams, lakes, rivers, and ponds.



## Public Education & Outreach

Tip Card  
(provide link)



Door Hanger  
(provide link)



IDDE Flyer  
(provide link)



### Useful Links

[University of Maryland Extension](#)

[Maryland Department of the Environment](#)



## Illicit Discharge Detection & Elimination

### What is IDDE?

Anything unlawfully discharged into the storm sewer system that isn't stormwater is considered an illicit discharge. The NPDES Permit requires the City to develop a program to identify and eliminate these discharges.

### Illicit Discharge Investigations

The City inspects its stormwater system annually for illegal connections and non-stormwater discharges. Any illicit connections or discharges are investigated, monitored and reported. The City can issue Notices of Violation and fines to offenders. Ordinance xxxxxxx prohibits illicit discharges into the MS4.



### Report Illicit Discharges

If you suspect or witness illegal dumping or notice any water pollution in our streams or stormwater inlets call **410-272-1600** or email [dpw@aberdeennmd.gov](mailto:dpw@aberdeennmd.gov).





### Construction Site Stormwater Management Runoff Control

The Maryland Environment Article statute and the Code of Maryland Regulations (COMAR) regulate construction activity that disturbs five thousand (5,000) square feet or more of earth. The City of Aberdeen administers its own Stormwater Management Program as a delegated erosion and sediment control enforcement authority.

Chapter 465 of the City of Aberdeen ordinance (<https://ecode360.com/14367822>) provides minimum requirements and procedures that control the impacts associated with stormwater runoff. The City reviews and approves stormwater management plans and conducts inspections during construction. Every 2 years the Maryland Department of the Environment reviews the City's performance to reauthorize their delegation.



### Best Management Practices – Post Construction Stormwater Management

The City of Aberdeen administers its own Stormwater Management Program that follows the Maryland Environment Article statute and the Code of Maryland Regulations (COMAR). The City conducts triennial inspections of all Best Management Practices (BMPs) to ensure proper function and maintenance.

BMPs are designed to control water quantity and quality. BMP types include ponds, infiltration/filtering such as grass swales and bioretention, and hydrodynamic structures such as underground storage.



### Pollution Prevention & Good Housekeeping

Operations and maintenance programs within the City must include ways to prevent and reduce polluted runoff. This includes measures for its streets and facilities, and maintenance of vehicles and grounds.



- **Street Sweeping**

The City maintains a street sweeping schedule in Zones 1 – 4 during spring, summer, and fall.



- **Leaf Removal**

The City maintains a fall leaf removal schedule in Zones 1 – 4.



- **Recycling**

The City has implemented a single-stream recycling program. A schedule and guide is available [here](#).

### Pollution Prevention & Good Housekeeping



- **Snow and Ice Program**

The City of Aberdeen is responsible for effectively and efficiently removing snow and ice from over ~~xxx~~ lane miles. We strive to minimize the amount of salt applied, and we keep all salt stored under a roof to prevent runoff.



- **Public Works Facility Inspection & Monitoring**

The Public Works Maintenance Shop has a NPDES industrial permit to discharge stormwater. Multiple inspections and monitoring are required to ensure the Stormwater Management Plan is reducing polluted runoff.



- **MS4 Inspection and Maintenance**

The stormwater system is routinely inspected and maintained to prevent flooding and to reduce pollutants to our waterways.

### How Can I Help?



- **Pick Up Pet Waste**

Stormwater runoff can pick up harmful bacteria from pet waste left on the ground or in the street. This enters our waterways and can cause human health issues and kill fish.



- **Lawn & Garden**

Excess use of pesticides, fertilizers, and herbicides washes off your property and into the storm drain contaminating streams, lakes, and bays. Get a soil test before you apply fertilizer and use native plants that have less water requirements and are adapted to our region.



- **Vehicle Maintenance**

Vehicles are sources of pollution when they leak toxic fluids that are eventually washed into the nearest storm drain. Check your vehicle for leaks and fix them promptly. Never dump used fluid into gutters or sinks.



- **Household Hazardous Waste**

Never dump cleaning chemicals, oil, or paint down the storm drain. Dispose of these at your local collection facility. Not only is it harmful to the environment, it is against the law.



- **Washing Your Car**

Dirty vehicle wash water contains oils, grease, heavy metals. All these are unhealthy for people and wildlife. In addition, soap, which contains phosphate, can cause algae blooms. So, be careful to keep this water out of the storm sewer system or take your car to the car wash.



**CITY OF ABERDEEN  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500  
General NPDES Permit No. MDR055500

**FISCAL YEAR 2018 ANNUAL REPORT**

**APPENDIX C**

**ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM  
SUMMARY REPORT**



## **CITY OF ABERDEEN**

### **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500 / General NPDES Permit No. MDR055500

## **ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM FISCAL YEAR 2018 ANNUAL REPORT**

#### **Prepared For:**

CITY OF ABERDEEN

Department of Public Works



#### **Prepared By:**

KCI TECHNOLOGIES, INC.

Delaware Water Resources Practice

KCI Project No. 17158575D

**SEPTEMBER 19, 2018**



**CITY OF ABERDEEN**

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500

General NPDES Permit No. MDR055500

**ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM  
FISCAL YEAR 2018 ANNUAL REPORT**

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 <b><u>APPENDICES:</u></b>	
<b>APPENDIX A FY 2018 OUTFALLS WITH FLOW .....</b>	<b>A-1</b>
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## CITY OF ABERDEEN

### NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM

General Discharge Permit No. 03-IM-5500

General NPDES Permit No. MDR055500

### ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM

### FISCAL YEAR 2018 ANNUAL REPORT

As part of the City of Aberdeen's (City) National Pollutant Discharge Elimination System (NPDES) Phase II Permit requirements, KCI Technologies, Inc. (KCI) was contracted to conduct work in Fiscal Year (FY) 2018 in support of the City's Illicit Discharge Detection and Elimination (IDDE) Program. KCI's responsibilities included performing dry weather screening of the City-owned municipal separate storm sewer system (MS4) to identify potential illicit discharges (PIDs), and providing on-call investigations of PID reports. Summarized below are the IDDE Program activities conducted by KCI during the reporting period of July 1, 2017 through June 30, 2018.

#### **1. DRY WEATHER OUTFALL FIELD SCREENING**

The dry weather outfall field screening helps to identify potential illicit discharges (PID). All field screening was performed by a two-person field team, allowing for the safe and efficient completion of the work. Detailed information regarding the field screening protocol is located in the City of Aberdeen IDDE Standard Operating Procedures.

In FY 2018, KCI screened a total of 44 outfalls for dry weather flow (**Table 1** and **Figure 1**).

#### **a. Dry Weather Flow**

In FY 2018, of the 44 outfalls screened, seven (7) had dry weather flow and were field-tested for ammonia and detergents. The field testing results indicated that none of the seven outfalls had any evidence of illicit discharge.

Outfalls screened that had dry weather flow and were field-tested for illicit discharge were assigned an incident ID number according to the current year and order in which the outfall was tested. In FY 2018, the incident ID numbers for the outfalls with dry weather flow ranged from 2018-1 to 2018-7. **Appendix A** contains the documentation for the seven outfalls with flow (i.e., tracking form, location map, and field data sheet). **Appendix B** contains the field data sheet for those outfalls screened that did not have flow.

## b. Miscellaneous Reports

In FY 2018, KCI did not receive any miscellaneous reports of illicit discharges from either the public or the City of Aberdeen staff.

**TABLE 1**  
**FY 2018 DRY WEATHER OUTFALL FIELD SCREENING - SUMMARY**

Structure No. (Numerical Order)	Incident ID No.	Investigation Results
SWO-087	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-088	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-096	2018-7	Flow observed; Field testing indicated no evidence of illicit discharge.
SWO-097	2018-6	Flow observed; Field testing indicated no evidence of illicit discharge.
SWO-112	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-116	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-117	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-118	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-119	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-120	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-127	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-148	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-153	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-173	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-174	N/A	No flow at time of investigation; No evidence of illicit discharge.
	= Outfall with Dry Weather Flow – See <b>Appendix A</b> .	

**TABLE 1**  
**FY 2018 DRY WEATHER OUTFALL FIELD SCREENING – SUMMARY**  
(Continued)

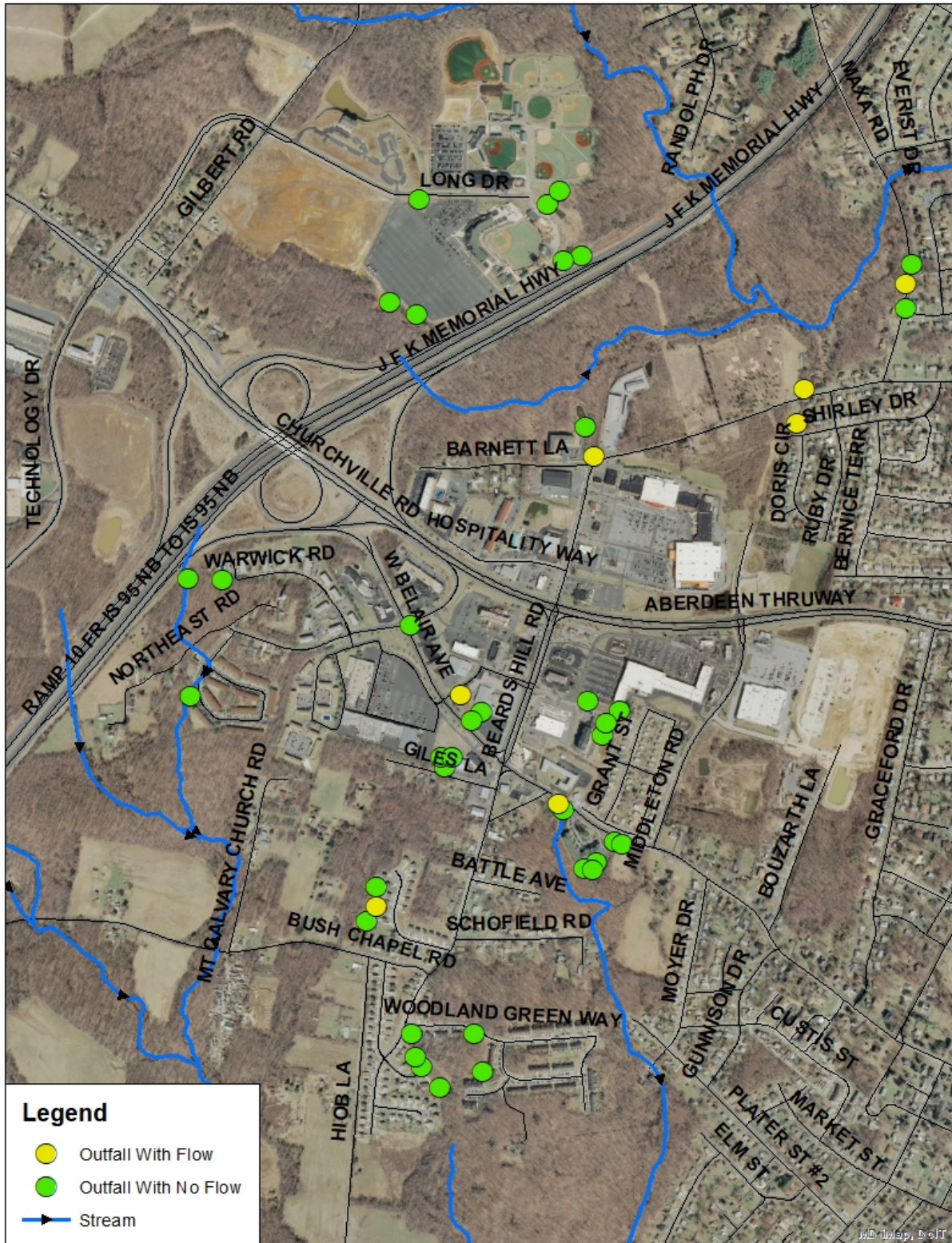
Structure No. (Numerical Order)	Incident ID No.	Investigation Results
SWO-175	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-176	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-177	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-178	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-179	2018-4	Flow observed; Field testing indicated no evidence of illicit discharge.
SWO-184	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-185	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-188	2018-1	Flow observed; Field testing indicated no evidence of illicit discharge.
SWO-189	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-190	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-191	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-218	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-219	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-220	2018-2	Flow observed; Field testing indicated no evidence of illicit discharge.
SWO-221	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-222	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-223	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-224	N/A	No flow at time of investigation; No evidence of illicit discharge.
	= Outfall with Dry Weather Flow – See <b>Appendix A</b> .	

**TABLE 1**  
**FY 2018 DRY WEATHER OUTFALL FIELD SCREENING – SUMMARY**  
(Continued)

Structure No. (Numerical Order)	Incident ID No.	Investigation Results
SWO-235	2018-3	Flow observed; Field testing indicated no evidence of illicit discharge.
SWO-236	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-237	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-238	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-239	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-240	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-241	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-248	2018-5	Flow observed; Field testing indicated no evidence of illicit discharge.
SWO-249 A	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-249 B	N/A	No flow at time of investigation; No evidence of illicit discharge.
SWO-249 C	N/A	No flow at time of investigation; No evidence of illicit discharge.
	= Outfall with Dry Weather Flow – See <b>Appendix A</b> .	



**FIGURE 1**  
**FY 2018 DRY WEATHER OUTFALL FIELD SCREENING – OUTFALL LOCATIONS**



## **2. TRACKING AND ELIMINATION OF ILLICIT DISCHARGES**

The field screening and inspection results determine if steps for illicit discharge elimination are necessary. If a discharge is determined to be illicit, KCI staff follow up to track the source of the discharge. The category of illicit discharge (e.g. wastewater, dumping) determines what additional steps are necessary to locate and identify the responsible party and to eliminate the illicit discharge.

As described in **Section 1.a**, none of outfalls screened in FY 2018 had any evidence of illicit discharge.



**CITY OF ABERDEEN**

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500

General NPDES Permit No. MDR055500

**ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM**

**FISCAL YEAR 2018 ANNUAL REPORT**

**APPENDIX A**

**DRY WEATHER OUTFALL SCREENING**

➤ **FLOW**

- 2018-1 Structure SWO-188
- 2018-2 Structure SWO-220
- 2018-3 Structure SWO-235
- 2018-4 Structure SWO-179
- 2018-5 Structure SWO-248
- 2018-6 Structure SWO-097
- 2018-7 Structure SWO-096



## IDDE INVESTIGATION TRACKING FORM

Incident ID No. 2018-1  
Structure No. SWO-188

Date: 11-03-17

EVIDENCE OF ILLICIT DISCHARGE: ☐ YES ☒ NO ☐ TBD

### LOCATION:

Subdivision: N/A  
Zip Code: 21001

House No: NA  
Street: West Belair Ave

Stream: NA  
Watershed: Bush River

### SETTING:

☐ Storm Drain ☒ Outfall ☐ Other (specify): \_\_\_\_\_  
☐ In Stream ☐ Along Bank  
☐ Stormwater Pond ☐ Upland

### VISUAL:

☒ Flow ☐ Soap ☐ Cloudy  
☐ Staining ☐ Floatables (toilet paper, etc) ☐ Algae  
☐ Oil / Oil Sheen ☐ Dead Fish ☐ Precip w/in 72 hrs  
☐ Antifreeze ☐ Yard Waste ☐ Other: \_\_\_\_\_

### ODOR:

☒ None ☐ Sulfide ("rotten egg") ☐ Gas/Oil  
☐ Sewage ☐ Other (specify): \_\_\_\_\_

### IDDE INVESTIGATION SUMMARY:

Referred By: Targeted

Issue: Dry Weather Flow

Determination: No Evidence of Illicit Discharge; No Further Action Required.



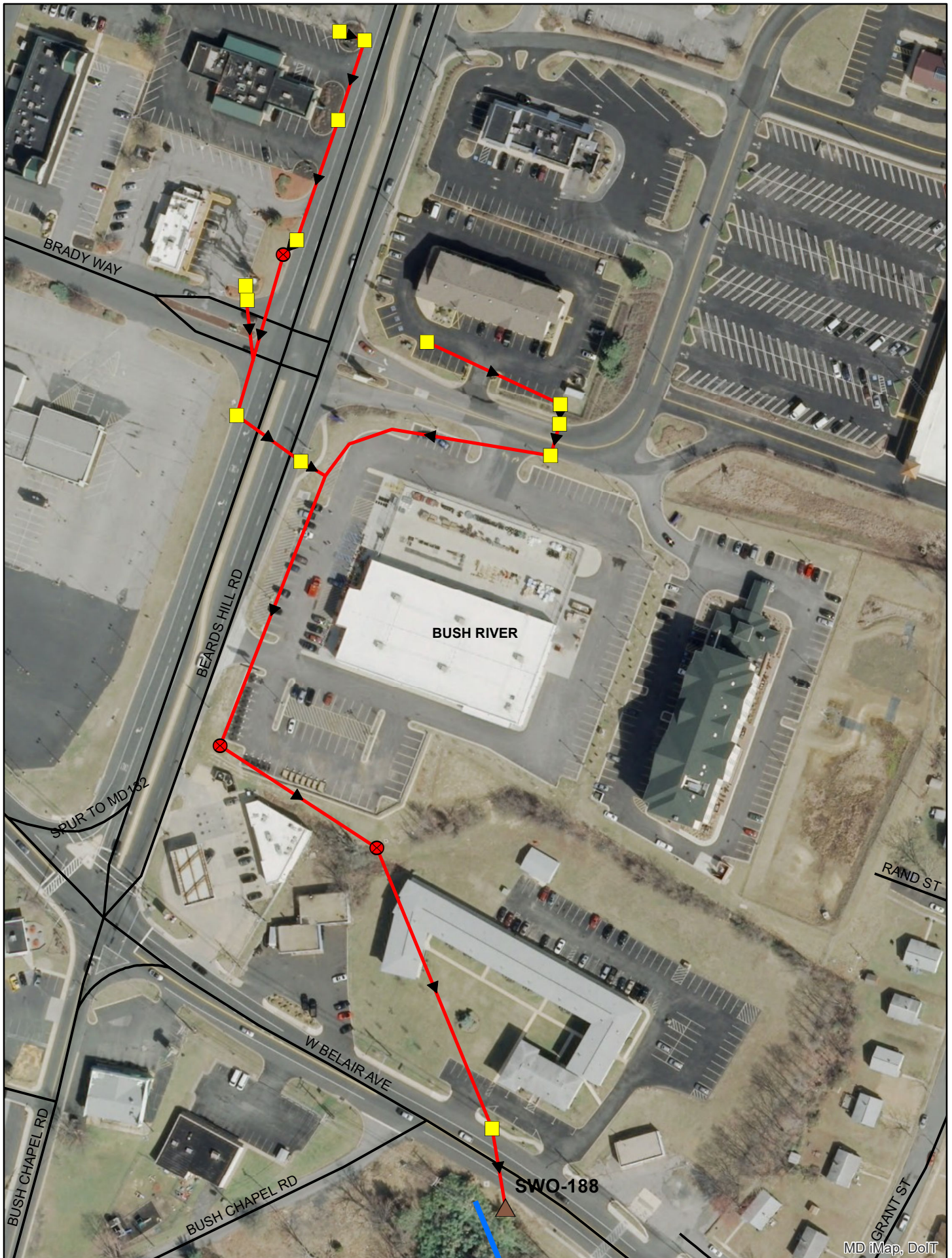
### DOCUMENTATION:

☒ Location Map  
☐ Summary Memorandum with Photographs  
☒ Field Data Sheet  
☐ Laboratory Data  
☐ Door Hanger  
☐ Notice of Potential Illicit Discharge  
☐ Other: \_\_\_\_\_





# 2018-1 SWO-188



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-188  
 Incident ID #: 2018-1  
 Subdivision: N/A  
 Address/Location: VI Bel Air Ave

<b>Personnel</b>		RBJ/JS
<b>Date</b>		11/3/17
<b>Time</b>		12:15
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	Y
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		36
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		RCP
<b>Flow Observed</b> Yes(Y), No(N)		Y
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		C
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		unable to measure
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		68.1
<b>pH (units)</b>		7.5
<b>Turbidity (ntu)</b>		5.33
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		C
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		N
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



## IDDE INVESTIGATION TRACKING FORM

Incident ID No. 2018-2  
Structure No. SWO-220

Date: 11-03-17

EVIDENCE OF ILLICIT DISCHARGE: ☐ YES ☒ NO ☐ TBD

### LOCATION:

Subdivision: N/A  
Zip Code: 21001

House No: 128  
Street: William Powell Ct

Stream: NA  
Watershed: Bush River

### SETTING:

☐ Storm Drain ☐ Outfall ☒ Other (specify): Weir  
☐ In Stream ☐ Along Bank  
☒ Stormwater Pond ☐ Upland

### VISUAL:

☒ Flow ☐ Soap ☐ Cloudy  
☐ Staining ☐ Floatables (toilet paper, etc) ☐ Algae  
☐ Oil / Oil Sheen ☐ Dead Fish ☐ Precip w/in 72 hrs  
☐ Antifreeze ☐ Yard Waste ☐ Other: \_\_\_\_\_

### ODOR:

☒ None ☐ Sulfide ("rotten egg") ☐ Gas/Oil  
☐ Sewage ☐ Other (specify): \_\_\_\_\_

### IDDE INVESTIGATION SUMMARY:

Referred By: Targeted

Issue: Dry Weather Flow

Determination: No Evidence of Illicit Discharge; No Further Action Required.

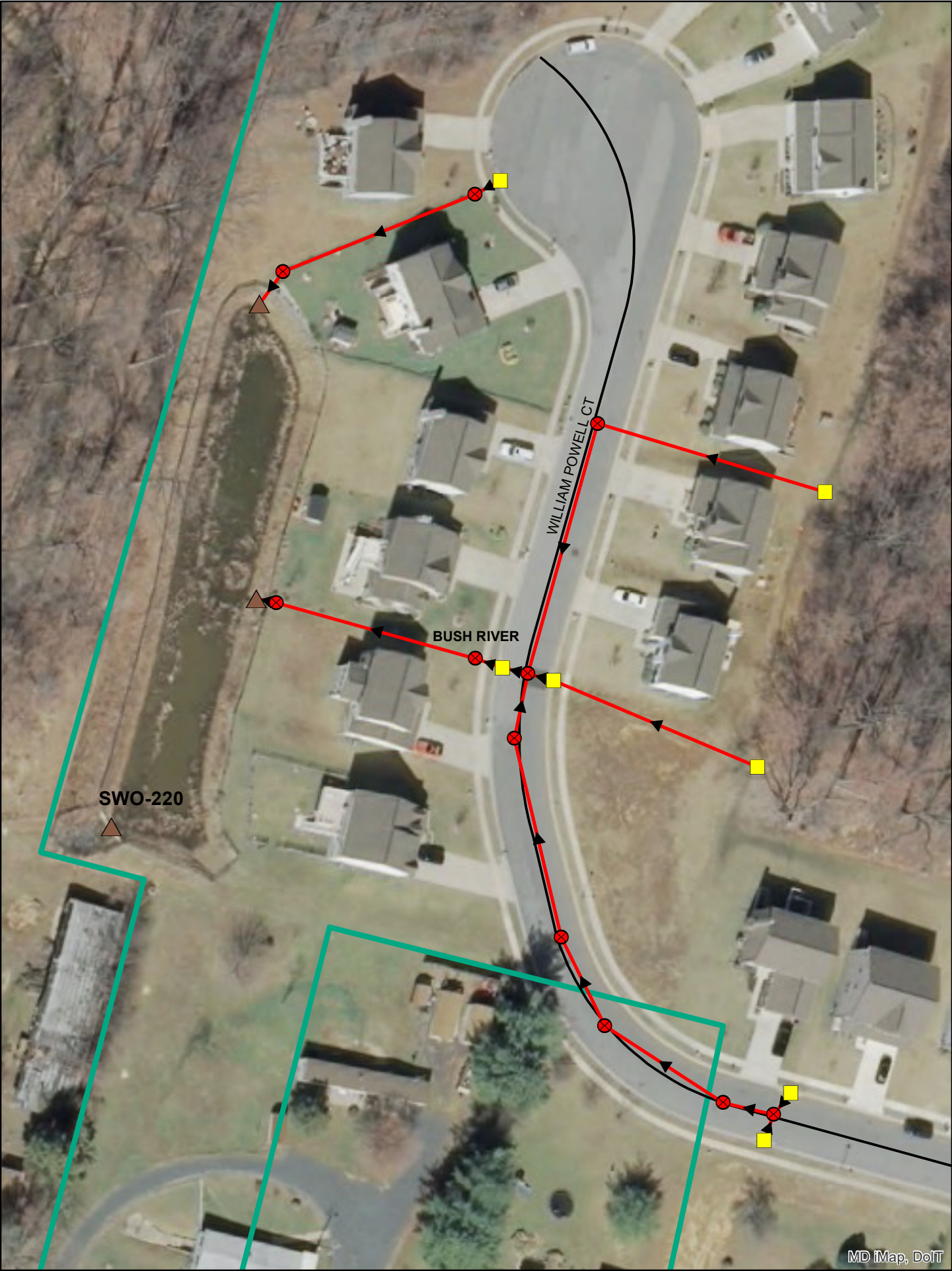


### DOCUMENTATION:

☒ Location Map  
☐ Summary Memorandum with Photographs  
☒ Field Data Sheet  
☐ Laboratory Data  
☐ Door Hanger  
☐ Notice of Potential Illicit Discharge  
☐ Other: \_\_\_\_\_



2018-2 SWO-220



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SW0-220  
Incident ID #: 2018-2  
Subdivision: \_\_\_\_\_  
Address/Location: 128 William Powell Ct

<b>Personnel</b>		RB/JJ
<b>Date</b>		11/3/17
<b>Time</b>		10:50
<b>Air Temperature (F)</b>		64
<b>Photograph</b>	Yes(Y), No(N)	Y
<b>Date Last Rain</b>		10-30-17
<b>Outfall Dimensions</b> (inches)		6
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		0-100 flow
<b>Flow Observed</b> Yes(Y), No(N)		Y
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		R
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = 1L Time to Fill (sec) = 1.5		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		62°
<b>pH (units)</b>		7.4
<b>Turbidity (ntu)</b>		8.96
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	0.1
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Other</b> As applicable		-
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		C
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		N
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



## IDDE INVESTIGATION TRACKING FORM

Incident ID No. 2018-3  
Structure No. SWO-235

Date: 12-15-17

EVIDENCE OF ILLICIT DISCHARGE: ☐ YES ☒ NO ☐ TBD

### LOCATION:

Subdivision: N/A  
Zip Code: 21001

House No: 791  
Street: West Bel Air Ave

Stream: NA  
Watershed: Bush River

### SETTING:

☐ Storm Drain ☒ Outfall ☐ Other (specify):  
☐ In Stream ☐ Along Bank  
☒ Stormwater Pond ☐ Upland

### VISUAL:

☒ Flow ☐ Soap ☐ Cloudy  
☒ Staining ☐ Floatables (toilet paper, etc) ☐ Algae  
☐ Oil / Oil Sheen ☐ Dead Fish ☐ Precip w/in 72 hrs  
☐ Antifreeze ☐ Yard Waste ☐ Other: \_\_\_\_\_

### ODOR:

☒ None ☐ Sulfide ("rotten egg") ☐ Gas/Oil  
☐ Sewage ☐ Other (specify):

### IDDE INVESTIGATION SUMMARY:

Referred By: Targeted

Issue: Dry Weather Flow

Determination: No Evidence of Illicit Discharge; No Further Action Required.



### DOCUMENTATION:

☒ Location Map  
☐ Summary Memorandum with Photographs  
☒ Field Data Sheet  
☐ Laboratory Data  
☐ Door Hanger  
☐ Notice of Potential Illicit Discharge  
☐ Other: \_\_\_\_\_



2018-3 SWO-235



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-235  
 Incident ID #: 2018-3  
 Subdivision: N/A  
 Address/Location: ~~1013 Bonds Hill Rd~~ 791 W. Bel Air Ave

<b>Personnel</b>		RB/SS
<b>Date</b>		12-15-17
<b>Time</b>		9:25 am
<b>Air Temperature (F)</b>		27°
<b>Photograph</b>	Yes(Y), No(N)	Y
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b> (inches)		30
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP), Polyvinyl Chloride Pipe(PVC), Other(O-explain)		RCP
<b>Flow Observed</b> Yes(Y), No(N)		Y
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		C
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP), Peeling Paint(PP), Concrete Cracking(CC), Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG), Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = / $\Delta$ Time to Fill (sec) = 45		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		44.4°
<b>pH (units)</b>		6.8
<b>Turbidity (ntu)</b>		3.85
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		O - Flock
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		C
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		N
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		No evidence of illicit discharge



## IDDE INVESTIGATION TRACKING FORM

Incident ID No. 2018-4  
Structure No. SWO-179

Date: 06-07-18

EVIDENCE OF ILLICIT DISCHARGE: ☐ YES ☒ NO ☐ TBD

### LOCATION:

Subdivision: N/A  
Zip Code: 21001

House No: N/A  
Street: Maxa Road

Stream: NA  
Watershed: Bush River

### SETTING:

☐ Storm Drain ☒ Outfall ☐ Other (specify):  
☐ In Stream ☐ Along Bank  
☐ Stormwater Pond ☐ Upland

### VISUAL:

☒ Flow ☐ Soap ☐ Cloudy  
☐ Staining ☐ Floatables (toilet paper, etc) ☐ Algae  
☐ Oil / Oil Sheen ☐ Dead Fish ☐ Precip w/in 72 hrs  
☐ Antifreeze ☐ Yard Waste ☐ Other: \_\_\_\_\_

### ODOR:

☒ None ☐ Sulfide ("rotten egg") ☐ Gas/Oil  
☐ Sewage ☐ Other (specify):

### IDDE INVESTIGATION SUMMARY:

Referred By: Targeted

Issue: Dry Weather Flow

Determination: No Evidence of Illicit Discharge; No Further Action Required.



### DOCUMENTATION:

☒ Location Map  
☐ Summary Memorandum with Photographs  
☒ Field Data Sheet  
☐ Laboratory Data  
☐ Door Hanger  
☐ Notice of Potential Illicit Discharge  
☐ Other: \_\_\_\_\_



2018-4 SWO-179



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-179  
 Incident ID #: 2018-4  
 Subdivision: N/A  
 Address/Location: Maxx RD

<b>Personnel</b>	RB / JS	
<b>Date</b>	6-7-18	
<b>Time</b>	10:00	
<b>Air Temperature (F)</b>	67	
<b>Photograph</b> Yes(Y), No(N)	Y	
<b>Date Last Rain</b>	6-4-18	
<b>Outfall Dimensions</b> (inches)	24	
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R	
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP	
<b>Flow Observed</b> Yes(Y), No(N)	Y	
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R	
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N	
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)	N	
<b>Algae Growth</b> Yes(Y), No(N)	N	
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N	
<b>Flow Rate (cfs)</b>	0.003	
<b>Flow Volume Method</b> Container Size (oz) = 16 Time to Fill (sec) = 12	--	
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =	--	
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =	--	
<b>Water Temperature (F)</b>	72.6	
<b>pH (units)</b>	8.43	
<b>Turbidity (ntu)</b>	4.76	
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	0.1
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N	
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)	N	
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	C	
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	N	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>	<b>No evidence of illicit discharge</b>	



## IDDE INVESTIGATION TRACKING FORM

Incident ID No. 2018-5  
Structure No. SWO-248

Date: 06-07-18

EVIDENCE OF ILLICIT DISCHARGE: ☐ YES ☒ NO ☐ TBD

### LOCATION:

Subdivision: N/A  
Zip Code: 21001

House No: N/A  
Street: Barnett Lane

Stream: NA  
Watershed: Bush River

### SETTING:

☐ Storm Drain ☒ Outfall ☐ Other (specify):  
☐ In Stream ☐ Along Bank  
☐ Stormwater Pond ☐ Upland

### VISUAL:

☒ Flow ☐ Soap ☐ Cloudy  
☐ Staining ☐ Floatables (toilet paper, etc) ☐ Algae  
☐ Oil / Oil Sheen ☐ Dead Fish ☐ Precip w/in 72 hrs  
☐ Antifreeze ☐ Yard Waste ☐ Other: \_\_\_\_\_

### ODOR:

☐ None ☐ Sulfide ("rotten egg") ☒ Gas/Oil  
☐ Sewage ☐ Other (specify):

### IDDE INVESTIGATION SUMMARY:

Referred By: Targeted

Issue: Dry Weather Flow

Determination: No Evidence of Illicit Discharge; No Further Action Required.



### DOCUMENTATION:

☒ Location Map  
☐ Summary Memorandum with Photographs  
☒ Field Data Sheet  
☐ Laboratory Data  
☐ Door Hanger  
☐ Notice of Potential Illicit Discharge  
☐ Other: \_\_\_\_\_



2018-5 SWO-248





**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-248  
Incident ID #: 2018-5  
Subdivision: N/A  
Address/Location: Burnett Lane

<b>Personnel</b>	RB / JS	
<b>Date</b>	6-7-18	
<b>Time</b>	9:30 am	
<b>Air Temperature (F)</b>	66°	
<b>Photograph</b> Yes(Y), No(N)	Y	
<b>Date Last Rain</b>	6-4-18	
<b>Outfall Dimensions</b> (inches)	48	
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R	
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP	
<b>Flow Observed</b> Yes(Y), No(N)	Y	
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)	O - Roadway	
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N	
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)	N	
<b>Algae Growth</b> Yes(Y), No(N)	N	
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N	
<b>Flow Rate (cfs)</b>	N/A	
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =	--	
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =	--	
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =	--	
<b>Water Temperature (F)</b>	67°	
<b>pH (units)</b>	8.05	
<b>Turbidity (ntu)</b>	2.21	
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	0
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	0.3
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	G	
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)	N	
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	C	
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	N	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>	<b>No evidence of illicit discharge</b>	

## IDDE INVESTIGATION TRACKING FORM

Incident ID No. 2018-6  
Structure No. SWO-097

Date: 06-07-18

EVIDENCE OF ILLICIT DISCHARGE: ☐ YES ☒ NO ☐ TBD

### LOCATION:

Subdivision: N/A  
Zip Code: 21001

House No: 713  
Street: Beards Hills Road

Stream: NA  
Watershed: Bush River

### SETTING:

☐ Storm Drain ☒ Outfall ☐ Other (specify):  
☐ In Stream ☐ Along Bank  
☐ Stormwater Pond ☐ Upland

### VISUAL:

☒ Flow ☐ Soap ☐ Cloudy  
☐ Staining ☐ Floatables (toilet paper, etc) ☐ Algae  
☐ Oil / Oil Sheen ☐ Dead Fish ☐ Precip w/in 72 hrs  
☐ Antifreeze ☐ Yard Waste ☐ Other: \_\_\_\_\_

### ODOR:

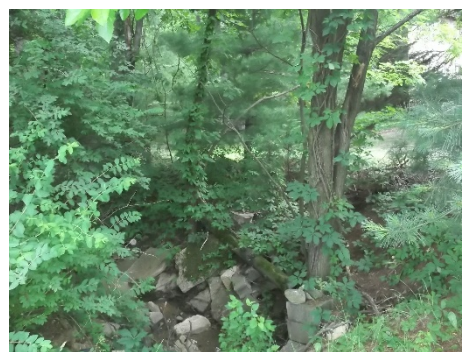
☒ None ☐ Sulfide ("rotten egg") ☐ Gas/Oil  
☐ Sewage ☐ Other (specify):

### IDDE INVESTIGATION SUMMARY:

Referred By: Targeted

Issue: Dry Weather Flow

Determination: No Evidence of Illicit Discharge; No Further Action Required.



### DOCUMENTATION:

☒ Location Map  
☐ Summary Memorandum with Photographs  
☒ Field Data Sheet  
☐ Laboratory Data  
☐ Door Hanger  
☐ Notice of Potential Illicit Discharge  
☐ Other: \_\_\_\_\_



2018-6 SWO-097



**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: Swo-097  
 Incident ID #: 2018-6  
 Subdivision: N/A  
 Address/Location: 713 Beards Hill Road

<b>Personnel</b>		RB/JS
<b>Date</b>		6-7-18
<b>Time</b>		12:20
<b>Air Temperature (F)</b>		72
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b> (inches)		42
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	Y
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		unable to measure
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		65.0
<b>pH (units)</b>		8.43
<b>Turbidity (ntu)</b>		1.87
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Other</b> As applicable		-
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	C
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	N
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



## IDDE INVESTIGATION TRACKING FORM

Incident ID No. 2018-7  
Structure No. SWO-096

Date: 06-07-18

EVIDENCE OF ILLICIT DISCHARGE: ☐ YES ☒ NO ☐ TBD

### LOCATION:

Subdivision: Paradise Heights  
Zip Code: 21001

House No: 811  
Street: Shirley Drive

Stream: NA  
Watershed: Bush River

### SETTING:

☐ Storm Drain ☒ Outfall ☐ Other (specify):  
☐ In Stream ☐ Along Bank  
☐ Stormwater Pond ☐ Upland

### VISUAL:

☒ Flow ☐ Soap ☐ Cloudy  
☐ Staining ☐ Floatables (toilet paper, etc) ☐ Algae  
☐ Oil / Oil Sheen ☐ Dead Fish ☐ Precip w/in 72 hrs  
☐ Antifreeze ☐ Yard Waste ☐ Other: \_\_\_\_\_

### ODOR:

☒ None ☐ Sulfide ("rotten egg") ☐ Gas/Oil  
☐ Sewage ☐ Other (specify):

### IDDE INVESTIGATION SUMMARY:

Referred By: Targeted

Issue: Dry Weather Flow

Determination: No Evidence of Illicit Discharge; No Further Action Required.



### DOCUMENTATION:

☒ Location Map  
☐ Summary Memorandum with Photographs  
☒ Field Data Sheet  
☐ Laboratory Data  
☐ Door Hanger  
☐ Notice of Potential Illicit Discharge  
☐ Other: \_\_\_\_\_





2018-7 SWO-096



**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SW0-096  
 Incident ID #: 2018-7  
 Subdivision: Paradise Heights  
 Address/Location: 811 Shirley Drive

<b>Personnel</b>		RB/JS
<b>Date</b>		6-7-18
<b>Time</b>		12:15
<b>Air Temperature (F)</b>		72
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b>	(inches)	12
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	Y
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		0.008
<b>Flow Volume Method</b>	Container Size (oz) = 1L Time to Fill (sec) = 45s	--
<b>Velocity and Cross-Sectional Area Method</b>		Fixed Length (ft) = --
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		66.6
<b>pH (units)</b>		8.27
<b>Turbidity (ntu)</b>		0.97
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	0
	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	-
	<b>Follow Up Lab Tested:</b>	-
<b>Other</b> As applicable		-
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	C
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	N
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN**

**NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500

General NPDES Permit No. MDR055500

**ILLICIT DISCHARGE DETECTION AND ELIMINATION PROGRAM**

**FISCAL YEAR 2018 ANNUAL REPORT**

**APPENDIX B**

**DRY WEATHER OUTFALL SCREENING OUTFALLS**

➤ **NO FLOW**

- |           |             |
|-----------|-------------|
| • SWO-087 | • SWO-189   |
| • SWO-088 | • SWO-190   |
| • SWO-112 | • SWO-191   |
| • SWO-116 | • SWO-218   |
| • SWO-117 | • SWO-219   |
| • SWO-118 | • SWO-221   |
| • SWO-119 | • SWO-222   |
| • SWO-120 | • SWO-223   |
| • SWO-127 | • SWO 224   |
| • SWO-148 | • SWO-236   |
| • SWO-153 | • SWO-237   |
| • SWO-173 | • SWO-238   |
| • SWO-174 | • SWO-239   |
| • SWO-175 | • SWO-240   |
| • SWO-176 | • SWO-241   |
| • SWO-177 | • SWO-249 A |
| • SWO-178 | • SWO-249 B |
| • SWO-184 | • SWO-249 C |
| • SWO-185 |             |

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SW0-087  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: Maxx R1

<b>Personnel</b>		RB/JS
<b>Date</b>		6-7-18
<b>Time</b>		10:00
<b>Air Temperature (F)</b>		67
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b> (inches)		15
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		O-14DPE
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		R
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-088  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: Maxx Road

<b>Personnel</b>		RB/JS
<b>Date</b>		6-7-18
<b>Time</b>		9:55 am
<b>Air Temperature (F)</b>		67
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b>	(inches)	24
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	O - Roadway
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-112  
 Incident ID #: N/A  
 Subdivision: Woodland Green  
 Address/Location: 301 Woodland Green Ct

<b>Personnel</b>		JJ/RB
<b>Date</b>		11/3/17
<b>Time</b>		9:30
<b>Air Temperature (F)</b>		59
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		24
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		RCP
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		R
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =	Time to Fill (sec) =
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	
Flow Depth (ft) =	Flow Width (ft) =	Travel Time (sec) =
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-116  
 Incident ID #: N/A  
 Subdivision: Woodland Green  
 Address/Location: 317 Woodland Green Ct

<b>Personnel</b>	JS/RB	
<b>Date</b>	11/3/17	
<b>Time</b>	10:05	
<b>Air Temperature (F)</b>	64	
<b>Photograph</b> Yes(Y), No(N)	N	
<b>Date Last Rain</b>	10/30/17	
<b>Outfall Dimensions</b> (inches)	27	
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R	
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP), Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP	
<b>Flow Observed</b> Yes(Y), No(N)	N	
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R	
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP), Peeling Paint(PP), Concrete Cracking(CC), Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N	
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)	N	
<b>Algae Growth</b> Yes(Y), No(N)	N	
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG), Excessive Growth(EG), Other(O-explain)	N	
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =	--	
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =	--	
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =	--	
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N	
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)	N	
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>	<b>No evidence of illicit discharge</b>	

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-117  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: Northeast Road

<b>Personnel</b>		RB/JS
<b>Date</b>		12-15-17
<b>Time</b>		12:45 am
<b>Air Temperature (F)</b>		27°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b> (inches)		
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-118  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 780 W Bel Air Ave

<b>Personnel</b>		RB/JS
<b>Date</b>		12-15-17
<b>Time</b>		8:55
<b>Air Temperature (F)</b>		25°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b>	(inches)	8
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	O-HOPE
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		NO EVIDENCE OF illicit discharge



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-119  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: Warwick Drive

<b>Personnel</b>	RB / JS	
<b>Date</b>	12-15-17	
<b>Time</b>	12:30 pm	
<b>Air Temperature (F)</b>	27°	
<b>Photograph</b> Yes(Y), No(N)	N	
<b>Date Last Rain</b>	12-9-17	
<b>Outfall Dimensions</b> (inches)	15	
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R	
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP	
<b>Flow Observed</b> Yes(Y), No(N)	N	
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R	
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N	
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)	N	
<b>Algae Growth</b> Yes(Y), No(N)	N	
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N	
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =	--	
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =	--	
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =	--	
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N	
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)	N	
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>	<b>No evidence of illicit discharge</b>	

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-120  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: Warwick Drive

<b>Personnel</b>		<u>RB/JS</u>
<b>Date</b>		<u>12-15-17</u>
<b>Time</b>		<u>12:30 PM</u>
<b>Air Temperature (F)</b>		<u>27°</u>
<b>Photograph</b>	Yes(Y), No(N)	<u>N</u>
<b>Date Last Rain</b>		<u>12-9-17</u>
<b>Outfall Dimensions</b>	(inches)	<u>30</u>
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	<u>R</u>
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	<u>RCP</u>
<b>Flow Observed</b>	Yes(Y), No(N)	<u>N</u>
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	<u>R</u>
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	<u>N</u>
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	<u>N</u>
<b>Algae Growth</b>	Yes(Y), No(N)	<u>N</u>
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	<u>N</u>
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
Flow Depth (ft) =      Flow Width (ft) =      Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	<u>N</u>
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	<u>N</u>
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-127  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 873 Long Drive

<b>Personnel</b>		RB / JS
<b>Date</b>		6-7-18
<b>Time</b>		10:45
<b>Air Temperature (F)</b>		69
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b> (inches)		24
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		K
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		O-HOPE
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		C
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-148  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 783 W Bel Air Ave

<b>Personnel</b>		RB/JS
<b>Date</b>		12-15-17
<b>Time</b>		12:15 pm
<b>Air Temperature (F)</b>		28°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b> (inches)		15
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP), Polyvinyl Chloride Pipe(PVC), Other(O-explain)		CMP
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		C
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP), Peeling Paint(PP), Concrete Cracking(CC), Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG), Excessive Growth(EG), Other(O-explain)		IG
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =	Time to Fill (sec) =
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b>	<b>Travel Time (sec) =</b>
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>		As applicable
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SLW-153  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 901 Burnett Lane

<b>Personnel</b>		<u>RB 155</u>
<b>Date</b>		<u>6-7-18</u>
<b>Time</b>		<u>9:30</u>
<b>Air Temperature (F)</b>		<u>65°</u>
<b>Photograph</b>	Yes(Y), No(N)	<u>N</u>
<b>Date Last Rain</b>		<u>6-4-18</u>
<b>Outfall Dimensions</b> (inches)		<u>15</u>
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		<u>R</u>
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		<u>0 - HDPE</u>
<b>Flow Observed</b> Yes(Y), No(N)		<u>N</u>
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		<u>R</u>
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		<u>N</u>
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		<u>N</u>
<b>Algae Growth</b> Yes(Y), No(N)		<u>N</u>
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		<u>N</u>
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =	Time to Fill (sec) =
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b>	<b>Travel Time (sec) =</b>
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>		As applicable
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		<u>N</u>
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		<u>N</u>
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-173  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 873 Long Drive

<b>Personnel</b>		<u>RB/JS</u>
<b>Date</b>		<u>6-7-18</u>
<b>Time</b>		<u>10:20</u>
<b>Air Temperature (F)</b>		<u>68</u>
<b>Photograph</b>	Yes(Y), No(N)	<u>N</u>
<b>Date Last Rain</b>		<u>6-4-18</u>
<b>Outfall Dimensions</b> (inches)		<u>15</u>
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		<u>R</u>
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		<u>0-HOPG</u>
<b>Flow Observed</b> Yes(Y), No(N)		<u>N</u>
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		<u>C</u>
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		<u>N</u>
<b>Algae Growth</b> Yes(Y), No(N)		<u>N</u>
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		<u>N</u>
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		<u>N</u>
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		<u>N</u>
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-174  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 873 Long Drive

<b>Personnel</b>	RB / JS	
<b>Date</b>	6-7-18	
<b>Time</b>	10:20	
<b>Air Temperature (F)</b>	68	
<b>Photograph</b> Yes(Y), No(N)	N	
<b>Date Last Rain</b>	6-4-18	
<b>Outfall Dimensions</b> (inches)	15	
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R	
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	0- HDPE	
<b>Flow Observed</b> Yes(Y), No(N)	N	
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C	
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N	
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)	N	
<b>Algae Growth</b> Yes(Y), No(N)	N	
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N	
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =	--	
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =	--	
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =	--	
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N	
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)	N	
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-175  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 873 Long Drive

<b>Personnel</b>		RB / JS
<b>Date</b>		6-7-18
<b>Time</b>		10:40
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b> (inches)		15
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		RCP
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		C
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-176  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 873 Long Drive

<b>Personnel</b>		RB / JS
<b>Date</b>		6-7-18
<b>Time</b>		10:40
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b> (inches)		24
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-177  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 873 Long Drive

<b>Personnel</b>		<u>RB/SC</u>
<b>Date</b>		<u>6-7-18</u>
<b>Time</b>		<u>10:30</u>
<b>Air Temperature (F)</b>		<u>68</u>
<b>Photograph</b>	Yes(Y), No(N)	<u>N</u>
<b>Date Last Rain</b>		<u>6-4-18</u>
<b>Outfall Dimensions</b> (inches)		<u>CA / CC</u>
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		
<b>Flow Observed</b>		Yes(Y), No(N)
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		
<b>Erosion (Outfall Area)</b>		None(N), Moderate(M), Severe(S)
<b>Algae Growth</b>		Yes(Y), No(N)
<b>Vegetative Condition (Outfall Area)</b>		Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) =		Time to Fill (sec) =
<b>Velocity and Cross-Sectional Area Method</b>		Fixed Length (ft) =
Flow Depth (ft) =		Flow Width (ft) =
		Travel Time (sec) =
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>		As applicable
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SW0-178  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 873 Long Drive

<b>Personnel</b>		RB/JS
<b>Date</b>		6-7-18
<b>Time</b>		10:30
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		6-4-18
<b>Outfall Dimensions</b> (inches)		CA 100
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	
<b>Flow Observed</b> Yes(Y), No(N)		
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		
<b>Algae Growth</b> Yes(Y), No(N)		
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-184  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: W Bel Air Ave

<b>Personnel</b>		JS/RB
<b>Date</b>		11/3/17
<b>Time</b>		12:30
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		33
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-185  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: W Bel Air Ave

<b>Personnel</b>		JS/RB
<b>Date</b>		11/3/17
<b>Time</b>		12:35
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		33
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SW10-129  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: W Bel Air Ave

<b>Personnel</b>	RB/TS	
<b>Date</b>	11/3/17	
<b>Time</b>	12:17	
<b>Air Temperature (F)</b>	68	
<b>Photograph</b> Yes(Y), No(N)	N	
<b>Date Last Rain</b>	10/30/17	
<b>Outfall Dimensions</b> (inches)	20x24	
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	O	
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	CMP	
<b>Flow Observed</b> Yes(Y), No(N)	N	
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C	
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N	
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)	N	
<b>Algae Growth</b> Yes(Y), No(N)	N	
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N	
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =	--	
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =	--	
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =	--	
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N	
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)	N	
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>	<b>No evidence of illicit discharge</b>	

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: 540-190  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 780 W Bel Air Ave

<b>Personnel</b>		RB / JS
<b>Date</b>		12-15-17
<b>Time</b>		8:55 am
<b>Air Temperature (F)</b>		25°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b>	(inches)	8
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	O-HDPE
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-191  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 780 W. Del Air Ave

<b>Personnel</b>		RB/JS
<b>Date</b>		12-15-17
<b>Time</b>		8:55 am
<b>Air Temperature (F)</b>		25°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b>	(inches)	8
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	O - HDPE
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
Flow Depth (ft) =	Flow Width (ft) = Travel Time (sec) =	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD - 218  
 Incident ID #: \_\_\_\_\_  
 Subdivision: \_\_\_\_\_  
 Address/Location: 118 William Poyell Ct

<b>Personnel</b>		RB/JS
<b>Date</b>		11/3/17
<b>Time</b>		11:00
<b>Air Temperature (F)</b>		64
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b>	(inches)	15
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-219  
 Incident ID #: N/A  
 Subdivision: \_\_\_\_\_  
 Address/Location: 122 William Powell Ct

<b>Personnel</b>		RB/JS
<b>Date</b>		11/3/17
<b>Time</b>		10:55
<b>Air Temperature (F)</b>		64
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b>	(inches)	21
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	Y
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
Flow Depth (ft) =      Flow Width (ft) =      Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-221  
 Incident ID #: N/A  
 Subdivision: \_\_\_\_\_  
 Address/Location: 97 Woodland Greenway

<b>Personnel</b>		RB/JS
<b>Date</b>		11/3/17
<b>Time</b>		9:15
<b>Air Temperature (F)</b>		59
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		18
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		RCP
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		R
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-222  
 Incident ID #: N/A  
 Subdivision: \_\_\_\_\_  
 Address/Location: 104 St. Matthew Ct

<b>Personnel</b>		RB/JS
<b>Date</b>		11/3/17
<b>Time</b>		8:40
<b>Air Temperature (F)</b>		59
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b>	(inches)	27
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =	Time to Fill (sec) =
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b>	<b>Travel Time (sec) =</b>
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-223  
 Incident ID #: N/A  
 Subdivision: \_\_\_\_\_  
 Address/Location: 104 St Matthew Ct

<b>Personnel</b>		RBJJ
<b>Date</b>		11/3/17
<b>Time</b>		2:45
<b>Air Temperature (F)</b>		59
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		15
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-224  
 Incident ID #: N/A  
 Subdivision: \_\_\_\_\_  
 Address/Location: 106 St Matthew Ct

<b>Personnel</b>		RB / JS
<b>Date</b>		11/3/17
<b>Time</b>		8:50
<b>Air Temperature (F)</b>		59
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		24
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-236  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 1013 Beards Hill Rd

<b>Personnel</b>		RB/JS
<b>Date</b>		12-15-17
<b>Time</b>		9:30 am
<b>Air Temperature (F)</b>		27°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b> (inches)		18
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		RCP
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		C
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =	Time to Fill (sec) =
<b>Velocity and Cross-Sectional Area Method</b>		Fixed Length (ft) =
Flow Depth (ft) =	Flow Width (ft) =	Travel Time (sec) =
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>		As applicable
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-237  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 1013 Beards Hill Rd

<b>Personnel</b>		RB/JS
<b>Date</b>		12-15-17
<b>Time</b>		9:30 am
<b>Air Temperature (F)</b>		27°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b>	(inches)	15
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-238  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 1020 Beards Hill Rd

<b>Personnel</b>		RB/JS
<b>Date</b>		12-15-17
<b>Time</b>		9:50 am
<b>Air Temperature (F)</b>		28°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b> (inches)		24
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	0-HDPE
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-239  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 1010 Beards Hill RD

<b>Personnel</b>		RB/SS
<b>Date</b>		12-15-17
<b>Time</b>		9:55 am
<b>Air Temperature (F)</b>		28°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b>	(inches)	18
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	O-HOPG
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
Flow Depth (ft) =	Flow Width (ft) =      Travel Time (sec) =	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b>	As applicable	
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD - 240  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 1050 Beards Hill RD

<b>Personnel</b>		RB / JS
<b>Date</b>		12-15-17
<b>Time</b>		10:05 am
<b>Air Temperature (F)</b>		28°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b> (inches)		21
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-241  
 Incident ID #: N/A  
 Subdivision: N/A  
 Address/Location: 1050 Beards Hill RD

<b>Personnel</b>		RB / JS
<b>Date</b>		12-15-17
<b>Time</b>		10:10 am
<b>Air Temperature (F)</b>		28°
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		12-9-17
<b>Outfall Dimensions</b> (inches)		30
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	RCP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	C
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) =      Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SW10-249A  
 Incident ID #: N/A  
 Subdivision: Fairbrooke Apts  
 Address/Location: W Bel Air Ave

<b>Personnel</b>		JSLRB
<b>Date</b>		11/3/17
<b>Time</b>		12:40
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b>	(inches)	12
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	PVC
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN  
ILLCIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWO-249B  
 Incident ID #: N/A  
 Subdivision: Fairbrooke Apts  
 Address/Location: W Bel Air Ave

<b>Personnel</b>		JS/RR
<b>Date</b>		11/3/17
<b>Time</b>		12:42
<b>Air Temperature (F)</b>		68
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		15
<b>Outfall Shape</b>	Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)	R
<b>Outfall Type</b>	Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)	CMP
<b>Flow Observed</b>	Yes(Y), No(N)	N
<b>Land Use</b>	Industrial(I), Commercial(C), Residential(R), Other(O-explain)	R
<b>Structural Condition</b>	Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)	N
<b>Erosion (Outfall Area)</b>	None(N), Moderate(M), Severe(S)	N
<b>Algae Growth</b>	Yes(Y), No(N)	N
<b>Vegetative Condition (Outfall Area)</b>	Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)	N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b>	Container Size (oz) = Time to Fill (sec) =	--
<b>Velocity and Cross-Sectional Area Method</b>	Fixed Length (ft) =	--
<b>Flow Depth (ft) =</b>	<b>Flow Width (ft) =</b> <b>Travel Time (sec) =</b>	--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b>	None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)	N
<b>Deposits/Stains</b>	None(N), Sediment(S), Oil(OY), Other(O-explain)	N
<b>Color</b>	Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)	
<b>Floatables</b>	None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)	
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>

**CITY OF ABERDEEN  
ILLICIT DISCHARGE DETECTION & ELIMINATION  
FIELD SHEET**

Outfall ID: SWD-249C  
 Incident ID #: N/A  
 Subdivision: Fairbrooke Apts  
 Address/Location: W Bel Air Ave

<b>Personnel</b>		JS/BR
<b>Date</b>		11/3/17
<b>Time</b>		12:45
<b>Air Temperature (F)</b>		62
<b>Photograph</b>	Yes(Y), No(N)	N
<b>Date Last Rain</b>		10/30/17
<b>Outfall Dimensions</b> (inches)		24
<b>Outfall Shape</b> Round(R), Oval(O), Box(B), V-Ditch(VD), Trap Ditch(TD)		R
<b>Outfall Type</b> Corrugated Metal Pipe(CMP), Reinforced Concrete Pipe(RCP) Polyvinyl Chloride Pipe(PVC), Other(O-explain)		CMP
<b>Flow Observed</b> Yes(Y), No(N)		N
<b>Land Use</b> Industrial(I), Commercial(C), Residential(R), Other(O-explain)		R
<b>Structural Condition</b> Normal(N), Concrete Spauling(SP) Peeling Paint(PP), Concrete Cracking(CC) Outfall Damaged(OD), Submerged(S), Metal Corrosion(MC), Other(O-explain)		N
<b>Erosion (Outfall Area)</b> None(N), Moderate(M), Severe(S)		N
<b>Algae Growth</b> Yes(Y), No(N)		N
<b>Vegetative Condition (Outfall Area)</b> Normal(N), Inhibited Growth(IG) Excessive Growth(EG), Other(O-explain)		N
<b>Flow Rate (cfs)</b>		
<b>Flow Volume Method</b> Container Size (oz) = Time to Fill (sec) =		--
<b>Velocity and Cross-Sectional Area Method</b> Fixed Length (ft) =		--
Flow Depth (ft) = Flow Width (ft) = Travel Time (sec) =		--
<b>Water Temperature (F)</b>		
<b>pH (units)</b>		
<b>Turbidity (ntu)</b>		
<b>Surfactants (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Ammonia (mg/L)</b>	<b>Field Tested:</b>	
	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Potassium (mg/L)</b>	<b>Lab Tested:</b>	
	<b>Follow Up Lab Tested:</b>	
<b>Other</b> As applicable		
<b>Odor</b> None(N), Rancid-Sour(RS), Gas(G), Sewage(S), Oil(O), Sulfur(S), Other(O-explain)		N
<b>Deposits/Stains</b> None(N), Sediment(S), Oil(OY), Other(O-explain)		N
<b>Color</b> Clear(C), Gray(G), Red(R), Yellow(Y), Brown(B), Green(GR), Other(O-explain)		
<b>Floatables</b> None(N), Trash(T), Oil Sheen(OS), Sewage(S), Other(O-explain)		
<b>DETERMINATION (FROM IDDE FLOWCHART)</b>		<b>No evidence of illicit discharge</b>



**CITY OF ABERDEEN  
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM**

General Discharge Permit No. 03-IM-5500  
General NPDES Permit No. MDR055500

**FISCAL YEAR 2018 ANNUAL REPORT**

**APPENDIX D**

**ILLICIT DISCHARGE ORDINANCE**

**COUNCIL OF THE CITY OF ABERDEEN**  
**Ordinance No. 18-O-14**

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**Date Introduced:** April 23 ,2018

**Sponsored By:** Councilman Steven E. Goodin and Councilman Melvin T. Taylor

**Public Hearing:** May 7, 2018

**Amendments Adopted:**

**Date Adopted:**

**Date Effective:**

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**AN ORDINANCE concerning**

**ENVIRONMENTAL CONTROL CODE**

**FOR** the purpose of making certain revisions to the City of Aberdeen Environmental Control Code to provide regulations prohibiting certain illicit discharges into the City's storm water system; providing for enforcement and penalties for violations, including liens on properties to cover the costs of abatement by the City; and generally relating to regulating discharges into the City's storm water system.

**BY** repealing and reenacting, with amendments  
Chapter 250. ENVIRONMENTAL CONTROL CODE  
Article I, General Provisions  
Sections 250-1 and 250-33  
Code of the City of Aberdeen (2010 Edition as amended)

**BY** adding  
Chapter 250. ENVIRONMENTAL CONTROL CODE  
Article XII, Illicit Discharge  
Sections 250-34 through 250-42  
Code of the City of Aberdeen (2010 Edition as amended)

**EXPLANATION:**

CAPITALS INDICATE MATTER ADDED TO EXISTING LAW

((Double Parenthesis)) indicate matter deleted from existing law.

Underlining indicates amendments to bill.

~~Strike Out~~ indicates matter stricken from bill by amendment or deleted from the law by amendment.

\* \* \* indicates existing unmodified text omitted from Ordinance

**SECTION 1. BE IT ENACTED BY THE COUNCIL OF THE CITY OF ABERDEEN,** that Section 250-1 of the Code of the City of Aberdeen (2010 Edition as

amended), Chapter 250. ENVIRONMENTAL CONTROL CODE, Article I, General Provisions, and Section 250-33 of said Code, Article XI, Enforcement, are repealed and reenacted, with amendments, to read as follows:

## **Chapter 250. ENVIRONMENTAL CONTROL CODE**

### **Article I, General Provisions**

#### **§ 250-1 Definitions.**

As used in this chapter, the following words and phrases shall have the meanings indicated:

#### **BEST MANAGEMENT PRACTICES (BMPS)**

SCHEDULES OF ACTIVITIES, PROHIBITIONS OF PRACTICES, GENERAL GOOD HOUSEKEEPING PRACTICES, POLLUTION PREVENTION AND EDUCATIONAL PRACTICES REGARDING THE DISCHARGE OF POLLUTANTS DIRECTLY OR INDIRECTLY TO STORM WATER, RECEIVING WATERS OR STORM WATER CONVEYANCE SYSTEMS. BMPS ALSO INCLUDE TREATMENT PRACTICES, OPERATING PROCEDURES AND PRACTICES OF CONTROL SITE RUNOFF, SPILLAGE OR LEAKS, SLUDGE OR WATER DISPOSAL OR DRAINAGE FROM RAW MATERIALS STORAGE.

#### **BEST MANAGEMENT PRACTICES MENU**

A PLAN REQUIRED BY THE NPDES PERMIT THAT DESCRIBES HOW THE QUALITY OF STORM WATER DISCHARGED FROM THE MS4 WILL BE CONTROLLED BY INCORPORATING ACTIVITIES AND MEASUREABLE GOALS SUCH AS:

- (1) PUBLIC EDUCATION AND OUTREACH (WEBSITE, WORKSHOPS, TRAININGS).
- (2) PUBLIC INVOLVEMENT AND PARTICIPATION.
- (3) ILLICIT DISCHARGE DETECTION AND ELIMINATION.
- (4) CONSTRUCTION SITE STORMWATER RUNOFF CONTROL.
- (5) POST CONSTRUCTION STORMWATER MANAGEMENT.
- (6) POLLUTION PREVENTION AND GOOD HOUSEKEEPING.

#### **CLEAN WATER ACT**

THE FEDERAL WATER POLLUTION CONTROL ACT (33 U.S.C. 1251 ET SEQ.) AND ANY SUBSEQUENT AMENDMENTS THERETO.

#### **COMMERCIAL REFUSE**

The refuse and other waste materials from wholesale and retail stores, restaurants, florists, beauty shops, barbershops, variety stores, motels, hotels and other commercial enterprises.

**CODE OFFICIAL**

THE DIRECTOR OF THE DEPARTMENT OF PUBLIC WORKS OR THE  
DIRECTOR'S DESIGNEE RESPONSIBLE FOR ENFORCING THIS ARTICLE.

**CONSTRUCTION ACTIVITY**

ACTIVITIES SUBJECT TO NPDES CONSTRUCTION PERMITS. CURRENTLY THESE  
INCLUDE CONSTRUCTION PROJECTS RESULTING IN LAND DISTURBANCE OF  
ONE (1) ACRE OR MORE. SUCH ACTIVITIES INCLUDE BUT ARE NOT LIMITED TO  
CLEARING AND GRUBBING, GRADING, EXCAVATING AND DEMOLITION.

**DISPOSAL FACILITY**

A facility for the intermediate or final disposition of solid waste.

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**GARBAGE**

The animal and vegetable wastes resulting from the handling, preparation, cooking and  
consumption of foods, exclusive of recognized industries, and human and animal feces.

**GRADING UNIT**

THE MAXIMUM CONTIGUOUS AREA ALLOWED TO BE GRADED AT A GIVEN  
TIME.

**HAZARDOUS AND SPECIAL WASTE**

Hazardous solid and liquid wastes, such as but not limited to highly flammable materials,  
explosives, pathological waste, poisons, infectious waste from hospitals and doctors' offices  
and radioactive materials.

**HAZARDOUS MATERIALS**

ANY MATERIAL, INCLUDING ANY SUBSTANCE, WASTE OR COMBINATION  
THEREOF, WHICH BECAUSE OF ITS QUANTITY, CONCENTRATION OR  
PHYSICAL, CHEMICAL OR INFECTIOUS CHARACTERISTICS MAY CAUSE, OR  
SIGNIFICANTLY CONTRIBUTE TO, A SUBSTANTIAL PRESENT OR POTENTIAL  
HAZARD TO HUMAN HEALTH, SAFETY, PROPERTY OR THE ENVIRONMENT  
WHEN IMPROPERLY TREATED, STORED, TRANSPORTED, DISPOSED OF OR  
OTHERWISE MANAGED.

**ILLEGAL DISCHARGE**

ANY DIRECT OR INDIRECT NON-STORM WATER DISCHARGE TO THE STORM  
DRAIN SYSTEM, EXCEPT AS EXEMPTED BY THIS ORDINANCE.

**ILLICIT CONNECTION**

AN ILLICIT CONNECTION IS EITHER OF THE FOLLOWING:

- (1) ANY DRAIN OR CONVEYANCE, WHETHER ON THE SURFACE OR  
SUBSURFACE, WHICH ALLOWS ANY ILLEGAL DISCHARGE TO ENTER



THE STORM DRAIN SYSTEM INCLUDING BUT NOT LIMITED TO ANY CONVEYANCES WHICH ALLOW ANY NON-STORM WATER DISCHARGE INCLUDING SEWAGE, PROCESS WASTEWATER AND WASH WATER TO ENTER THE STORM DRAIN SYSTEM AND ANY CONNECTIONS TO THE STORM DRAIN SYSTEM FROM INDOOR DRAINS AND SINKS, REGARDLESS OF WHETHER SAID DRAIN OR CONNECTION HAD BEEN PREVIOUSLY ALLOWED, PERMITTED OR APPROVED BY AN AUTHORIZED ENFORCEMENT AGENCY; OR,

- (2) ANY DRAIN OR CONVEYANCE CONNECTED FROM A COMMERCIAL OR INDUSTRIAL LAND USE TO THE STORM DRAIN SYSTEM WHICH HAS NOT BEEN DOCUMENTED IN PLANS, MAPS OR EQUIVALENT RECORDS AND APPROVED BY AN AUTHORIZED ENFORCEMENT AGENCY.

#### **INCINERATOR**

Any equipment, device or contrivance used for the destruction of garbage, rubbish or other wastes by burning.

#### **INDUSTRIAL ACTIVITY**

ACTIVITIES SUBJECT TO NPDES INDUSTRIAL PERMITS AS DEFINED IN 40 CFR, SECTION 122.26 (B)(14).

#### **INDUSTRIAL REFUSE**

The refuse and other waste materials from factories, processing plants and other manufacturing enterprises, including putrescible garbage from food-processing plants and slaughterhouses, condemned foods, waste wood materials and all other refuse from manufacturing and industrial processes.

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#### **LIQUID WASTES**

All liquid wastes generated through the use of domestic or municipal facilities, including any industrial or commercial liquids that may not be classified hazardous or listed within special waste categories.

#### **MS-4**

MUNICIPAL SEPARATE STORM SEWER SYSTEM OPERATED BY THE CITY OF ABERDEEN.

#### **NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) STORM WATER DISCHARGE PERMIT**

A PERMIT ISSUED BY EPA (OR BY THE STATE OF MARYLAND) THAT AUTHORIZES THE DISCHARGE OF POLLUTANTS TO WATERS OF THE UNITED STATES, WHETHER THE PERMIT IS APPLICABLE ON AN INDIVIDUAL, GROUP OR GENERAL AREA-WIDE BASIS.

**NON-STORM WATER DISCHARGE**

ANY DISCHARGE TO THE STORM DRAIN SYSTEM THAT IS NOT COMPOSED ENTIRELY OF STORM WATER.

**NUISANCE**

Any condition which is detrimental to public health, safety and welfare, the property of others or the use and enjoyment of property.

**ODORS**

Those properties of an emission which stimulate the sense of smell.

**OFFAL**

The waste animal matter from butcher shops and slaughterhouses or packinghouses.

**OIL**

ANY KIND OF OIL IN ANY FORM, INCLUDING BUT NOT LIMITED TO PETROLEUM, FUEL OIL, CRUDE OIL, SYNTHETIC OIL, MOTOR OIL, BIO-FUEL, COOKING OIL, GREASE, SLUDGE, OIL REFUSE, AND OIL MIXED WITH WASTE.

**OPEN DUMP**

Any land, publicly or privately owned, other than an approved sanitary landfill, in which there is a deposit or an accumulation, either temporary or permanent, of any kind of organic or inorganic refuse.

**OPEN FIRE**

A fire where any material is burned in the open or in a receptacle other than a furnace incinerator or other equipment designed and approved for the destruction of specific materials.

**OWNER**

The title holder of property. The term shall include a tenant, occupant or any person, firm or corporation in charge of or in control of property.

**PERSON**

ANY INDIVIDUAL, ASSOCIATION, ORGANIZATION, PARTNERSHIP, FIRM, CORPORATION OR OTHER ENTITY RECOGNIZED BY LAW AND ACTING AS EITHER THE OWNER OR AS THE OWNER'S AGENT.

**PESTICIDE**

A SUBSTANCE OR MIXTURE OF SUBSTANCES INTENDED TO PREVENT, DESTROY, REPEL, OR MIGRATE ANY PEST, OR SUBSTANCES INTENDED FOR USE AS A PLANT REGULATOR, DEFOLIANT, OR DESICCANT.

**POLLUTANT**

ANYTHING WHICH CAUSES OR CONTRIBUTES TO POLLUTION. POLLUTANTS MAY INCLUDE, BUT ARE NOT LIMITED TO PAINTS, VARNISHES AND

SOLVENTS; OIL AND OTHER AUTOMOTIVE FLUIDS; NON-HAZARDOUS LIQUID AND SOLID WASTES AND YARD WASTES (INCLUDING GRASS CLIPPINGS); REFUSE, RUBBISH, GARBAGE, LITTER OR OTHER DISCARDED OR ABANDONED OBJECTS, ORDINANCES AND ACCUMULATIONS, SO THAT SAME MAY CAUSE OR CONTRIBUTE TO POLLUTION; FLOATABLES; PESTICIDES, HERBICIDES AND FERTILIZERS; HAZARDOUS SUBSTANCES AND WASTES; SEWAGE, FECAL COLIFORM AND PATHOGENS; DISSOLVED AND PARTICULATE METALS; ANIMAL AND PET WASTE; WASTES AND RESIDUES THAT RESULT FROM CONSTRUCTING A BUILDING OR STRUCTURE; AND, NOXIOUS OR OFFENSIVE MATTER OF ANY KIND.

#### **PREMISES**

ANY BUILDING, LOT, PARCEL OF LAND, OR PORTION OF LAND WHETHER IMPROVED OR UNIMPROVED INCLUDING ADJACENT SIDEWALKS AND PARKING STRIPS.

#### **REFUSE COLLECTION**

The removal and conveyance of refuse from temporary storage points to disposal sites by municipalities, contractors and others.

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#### **SOLID WASTE MANAGEMENT PLAN**

The comprehensive plan for Aberdeen in effect and as amended from time to time which meets the requirements of the Code of Maryland Regulations (COMAR), Title 26, Subtitle 4.

#### **STORM DRAINAGE SYSTEM**

PUBLICLY-OWNED FACILITIES BY WHICH STORM WATER IS COLLECTED AND/OR CONVEYED, INCLUDING BUT NOT LIMITED TO ANY ROADS WITH DRAINAGE SYSTEMS, MUNICIPAL STREETS, GUTTERS, CURBS, INLETS, PIPED STORM DRAINS, PUMPING FACILITIES, RETENTION AND DETENTION BASINS, NATURAL AND HUMAN-MADE OR ALTERED DRAINAGE CHANNELS, RESERVOIRS AND OTHER DRAINAGE STRUCTURES.

#### **STORMWATER**

ANY SURFACE FLOW, RUNOFF AND DRAINAGE CONSISTING ENTIRELY OF WATER FROM ANY FORM OF NATURAL PRECIPITATION AND RESULTING FROM SUCH PRECIPITATION.

#### **STORMWATER POLLUTION PREVENTION PLAN (SWPPP)**

A DOCUMENT WHICH DESCRIBES THE BMPS AND ACTIVITIES TO BE IMPLEMENTED BY A PERSON OR BUSINESS TO IDENTIFY SOURCES OF POLLUTION OR CONTAMINATION AT A SITE AND THE ACTIONS TO ELIMINATE OR REDUCE POLLUTANT DISCHARGES TO STORM WATER, STORM WATER CONVEYANCE SYSTEMS AND/OR RECEIVING WATERS TO THE MAXIMUM

EXTENT PRACTICABLE IN COMPLYING WITH A GENERAL PERMIT FOR  
DISCHARGES OF STORMWATER ASSOCIATED WITH INDUSTRIAL ACTIVITY.

**TRASH**

All waste materials, other than garbage and offal from stores, institutions, markets and other  
establishments, further classified as combustible and noncombustible.

**WASTE WATER**

ANY WATER OR OTHER LIQUID, OTHER THAN UNCONTAMINATED STORM  
WATER, DISCHARGED FROM A FACILITY.

**Article XI, Enforcement**

**§ 250-33 Violations and penalties.**

A violation of this chapter, EXCEPT FOR A VIOLATION OF ARTICLE XII, ILLICIT  
DISCHARGE, is deemed to be a municipal infraction. Each twenty-four-hour period in which a  
violation exists shall constitute a separate offense. Any person violating any provision of this  
chapter shall be subject to the following civil penalties:

\* \* \*

**SECTION 2. BE IT FURTHER ENACTED BY THE COUNCIL OF THE CITY  
OF ABERDEEN** that Sections 250-34 through Section 250-42 are hereby added to the Code of  
the City of Aberdeen (2010 Edition as amended), Chapter 250. ENVIRONMENTAL  
CONTROL CODE, to be under the new Article XII, Illicit Discharge, to follow immediately  
after Section 250-33 of Article XI and to read as follows:

**Chapter 250. ENVIRONMENTAL CONTROL CODE**

**ARTICLE XII, ILLICIT DISCHARGE**

**§ 250-34 PROHIBITED DISCHARGES.**

A. NO PERSON SHALL RELEASE OR ALLOW TO BE RELEASED ANY OF THE  
FOLLOWING SUBSTANCES INTO THE MS4:

- (1) ANY NEW OR USED PETROLEUM PRODUCT.
- (2) ANY INDUSTRIAL WASTE.
- (3) ANY HAZARDOUS SUBSTANCE OR HAZARDOUS WASTE, INCLUDING  
HOUSEHOLD HAZARDOUS WASTE.
- (4) ANY DOMESTIC SEWAGE OR SEPTIC TANK WASTE, GREASE TRAP OR  
GREASE INTERCEPTOR WASTE, HOLDING TANK WASTE, OR GRIT TRAP  
WASTE.
- (5) ANY GARBAGE, RUBBISH OR OTHER WASTE.

- (6) ANY NEW OR USED PAINTS, INCLUDING LATEX-BASED PAINTS, OIL-BASED PAINTS, STAINS, VARNISH, AND PRIMERS, AS WELL AS CLEANING SOLVENTS AND OTHER ASSOCIATED PRODUCTS.
- (7) ANY YARD WASTE THAT HAS BEEN MOVED OR GATHERED BY A PERSON.
- (8) ANY WASTEWATER THAT CONTAINS SOAP, DETERGENT, DEGREASER, SOLVENT, OR SURFACTANT-BASED CLEANER FROM A COMMERCIAL MOTOR VEHICLE WASH FACILITY; FROM ANY VEHICLE WASHING, CLEANING, OR MAINTENANCE AT ANY NEW OR USED MOTOR VEHICLE DEALERSHIP, RENTAL AGENCY, BODY SHOP, REPAIR SHOP, OR MAINTENANCE FACILITY; OR FROM ANY WASHING, CLEANING OR MAINTENANCE OF ANY BUSINESS OR COMMERCIAL OR PUBLIC SERVICE VEHICLE, INCLUDING A TRUCK, BUS OR HEAVY EQUIPMENT.
- (9) ANY WASTEWATER FROM A COMMERCIAL MOBILE POWER WASHER OR FROM THE WASHING OR OTHER CLEANING OF A BUILDING EXTERIOR THAT CONTAINS SOAP, DETERGENT, DEGREASER, SOLVENT, OR ANY SURFACTANT BASED CLEANER.
- (10) ANY WASTEWATER FROM COMMERCIAL FLOOR, RUG, OR CARPET CLEANING.
- (11) ANY WASTEWATER FROM THE WASH DOWN OR OTHER CLEANING OF PAVEMENT THAT CONTAINS ANY SOAP, DETERGENT SOLVENT, DEGREASER, EMULSIFIER, DISPERSANT, OR OTHER CLEANING SUBSTANCE; OR ANY WASTEWATER FROM THE WASH DOWN OR OTHER CLEANING OF ANY PAVEMENT WHERE ANY SPILL, LEAK, OR OTHER RELEASE OF OIL, MOTOR FUEL, OR OTHER PETROLEUM HAZARDOUS SUBSTANCE HAS OCCURRED, UNLESS ALL SUCH MATERIALS HAVE BEEN PREVIOUSLY REMOVED.
- (12) ANY EFFLUENT FROM A COOLING TOWER, CONDENSER, COMPRESSOR, EMISSIONS SCRUBBER, EMISSION FILTER, OR THE BLOWDOWN FROM A BOILER.
- (13) ANY READY-MIXED CONCRETE, MORTAR, CERAMIC, OR ASPHALT BASE MATERIAL OR DISCHARGE RESULTING FROM THE CLEANING OF VEHICLES OR EQUIPMENT CONTAINING OR USED IN TRANSPORTING OR APPLYING SUCH MATERIAL.
- (14) ANY RUNOFF, WASH DOWN WATER OR WASTE FROM ANY ANIMAL PEN, KENNEL, FOWL OR LIVESTOCK CONTAINMENT AREA OR ANY PET WASTES GENERALLY.
- (15) ANY FILTER BACKWASH FROM A SWIMMING POOL OR FOUNTAIN, EXCEPT THAT NOTHING IN THE ARTICLE SHALL BE CONSTRUED AS TO REQUIRE THE ALTERATION OF THE FILTER DISCHARGE PLUMBING OF AN EXISTING SWIMMING POOL, FOUNTAIN OR SPA IF SUCH PLUMBING WAS COMPLIANT WITH APPLICABLE STATE, FEDERAL, AND LOCAL REGULATIONS AT THE TIME OF CONSTRUCTION.
- (16) ANY SWIMMING POOL, FOUNTAIN OR SPA WATER OR OTHER WATER CONTAINING A HARMFUL LEVEL OF CHLORINE (>0.1 PARTS PER MILLION).

- (17) ANY DISCHARGE FROM WATER LINE DISINFECTION BY SUPER CHLORINATION IF IT CONTAINS A HARMFUL LEVEL OF CHLORINE (>0.1 PPM) AT THE POINT OF ENTRY INTO THE MS4 OR SURFACE WATERS.
- (18) ANY CONTAMINATED RUNOFF FROM A VEHICLE WRECKING OR STORAGE YARD.
- (19) ANY SUBSTANCE OR MATERIAL THAT WILL DAMAGE, BLOCK, OR CLOG THE MS4.
- (20) ANY RELEASE FROM A PETROLEUM STORAGE TANK (PST), OR ANY LEACHATE OR RUNOFF FROM SOIL CONTAMINATED BY LEAKING PST; OR ANY DISCHARGE OF PUMPED, CONFINED, OR TREATED WASTEWATER FROM THE REMEDIATION OF ANY SUCH PST RELEASE, UNLESS THE DISCHARGE HAS RECEIVED AN NPDES PERMIT FROM THE STATE.
- (21) ANY OTHER DISCHARGE THAT CAUSE OR CONTRIBUTES TO CAUSING THE CITY TO VIOLATE A STATE WATER QUALITY STANDARD, THE CITY'S NPDES STORMWATER PERMIT, OR ANY STATE-ISSUED DISCHARGE PERMIT FOR DISCHARGES FROM ITS MS4.

B. NO PERSON SHALL RELEASE OR CAUSE TO BE RELEASED INTO THE MS4 ANY HARMFUL QUANTITY OF SEDIMENT, SILT, EARTH, SOIL, OR OTHER MATERIAL ASSOCIATED WITH CLEARING, GRADING, EXCAVATION OR OTHER CONSTRUCTION ACTIVITIES IN EXCESS OF WHAT COULD BE RETAINED ON SITE OR CAPTURED BY EMPLOYING SEDIMENT AND EROSION CONTROL MEASURES, EXCEPT AS ALLOWED FOR IN CONFORMANCE WITH SECTION 250-35.

C. NO PERSON SHALL USE PESTICIDES, HERBICIDES AND FERTILIZERS EXCEPT IN ACCORDANCE WITH MANUFACTURER RECOMMENDATIONS. PESTICIDES, HERBICIDES AND FERTILIZERS SHALL BE STORED TRANSPORTED AND DISPOSED OF IN A MANNER TO PREVENT RELEASE TO THE MS4.

D. NO PERSON SHALL TAMPER WITH, DESTROY, VANDALIZE, OR RENDER INOPERABLE ANY BMPS THAT HAVE BEEN INSTALLED FOR THE PURPOSE OF ELIMINATING OR MINIMIZING POLLUTANT DISCHARGES, NOR SHALL ANY PERSON FAIL TO INSTALL OR FAIL TO PROPERLY MAINTAIN ANY BMPS THAT HAVE BEEN REQUIRED BY CITY OR BY OTHER LOCAL, STATE, OR FEDERAL JURISDICTIONS.

#### § 507-35 EXEMPTIONS.

UNLESS IDENTIFIED AS A SIGNIFICANT SOURCE OF POLLUTANTS TO WATERS OF THE STATE, THE FOLLOWING NON-STORM WATER DISCHARGES ARE EXAMPLES OF ACTIVITIES ALLOWED TO ENTER THE MS4:

- (1) WATER LINE FLUSHING PERFORMED BY A GOVERNMENT AGENCY.
- (2) DIVERTED STREAM FLOWS.
- (3) RISING GROUNDWATER.



- (4) UNCONTAMINATED GROUNDWATER INFILTRATION TO SEPARATE STORM SEWER.
- (5) UNCONTAMINATED PUMPED GROUNDWATER.
- (6) DISCHARGES FROM POTABLE WATER SOURCES.
- (7) FOUNDATION DRAINS.
- (8) AIR CONDITIONING CONDENSATE.
- (9) IRRIGATION WATER.
- (10) SPRINGS.
- (11) WATER FROM CRAWL SPACE PUMPS.
- (12) FOOTING DRAINS.
- (13) INDIVIDUAL RESIDENTIAL VEHICLE WASHING.
- (14) FLOWS FROM RIPARIAN HABITATS AND WETLANDS.
- (15) DECHLORINATED SWIMMING POOL DISCHARGES (< 1 PPM).
- (16) DISCHARGES OR FLOWS FROM FIREFIGHTING ACTIVITIES.
- (17) OTHER ALLOWABLE DISCHARGES TO CONSIDER: STREET WASH WATERS; AND, DYE TESTING FOR THE PURPOSE OF INVESTIGATING ILLICIT CONNECTIONS OR DISCHARGES.

OTHER ACTIVITIES MAY APPLY IF SUBSTANTIATED BY PERMITTEES WITHIN THE BEST MANAGEMENT PRACTICES MENU.

§ 250-36 **PROHIBITIONS.**

- A. A PERSON MAY NOT DISCHARGE OR CAUSE TO BE DISCHARGED THROUGH AN ILLICIT CONNECTION TO THE MS4 ANY DOMESTIC SEWAGE, NON-CONTACT COOLING WATER, PROCESS WASTEWATER, OR OTHER INDUSTRIAL WASTE (OTHER THAN STORMWATER).
- B. A PERSON MAY NOT CONSTRUCT, USE, MAINTAIN OR CONTINUE THE EXISTENCE OF ILLICIT CONNECTIONS TO THE MS4, INCLUDING, WITHOUT LIMITATION, ILLICIT CONNECTIONS MADE IN THE PAST, REGARDLESS OF WHETHER THE CONNECTION WAS PERMISSIBLE UNDER LAW OR PRACTICES APPLICABLE OR PREVAILING AT THE TIME OF CONNECTION.
- C. A PERSON MAY NOT CONNECT A LINE CONVEYING SEWAGE TO THE MS4 OR ALLOW SUCH A CONNECTION TO CONTINUE.
- D. AN OWNER OR PERSON RESPONSIBLE FOR A PROPERTY OR PREMISES, WHICH IS, OR MAY BE, THE SOURCE OF AN ILLICIT DISCHARGE, SHALL IMPLEMENT, AT THE OWNER'S OR PERSON'S EXPENSE, THE BMPs NECESSARY TO PREVENT THE FURTHER DISCHARGE OF POLLUTANTS TO THE MS4. AN OWNER OR PERSON RESPONSIBLE FOR A PROPERTY OR PREMISES SHALL NOT BE IN VIOLATION OF THIS SECTION IF THE OWNER OR PERSON COMPLIES, TO THE EXTENT PRACTICABLE, WITH ALL TERMS AND CONDITIONS OF A VALID NPDES PERMIT AUTHORIZING THE DISCHARGE OF STORM WATER ASSOCIATED WITH INDUSTRIAL ACTIVITY.

§ 250-37 **RIGHT OF ENTRY.**

WHEN THE CODE OFFICIAL HAS REASONABLE CAUSE TO BELIEVE THAT A VIOLATION OF THIS ARTICLE EXISTS OR WHEN ENTRY IS REQUIRED FOR PERIODIC INSPECTIONS AND MONITORING TO DETERMINE COMPLIANCE WITH THIS ARTICLE, THE CODE OFFICIAL MAY ENTER THE STRUCTURE OR PREMISES AT REASONABLE TIMES TO INSPECT. PRIOR TO INSPECTION, THE CODE OFFICIAL MUST MAKE REASONABLE EFFORTS TO LOCATE THE OWNER OR OTHER PERSON HAVING CHARGE OR CONTROL OF THE STRUCTURE OR PREMISES TO REQUEST ENTRY. IF ENTRY IS REFUSED OR NOT OBTAINED, THE CODE OFFICIAL IS AUTHORIZED TO PURSUE RECOURSE AS PROVIDED BY LAW, INCLUDING SEEKING AN ADMINISTRATIVE SEARCH WARRANT FROM THE CIRCUIT OR DISTRICT COURTS OF HARFORD COUNTY. THE CODE OFFICIAL MAY NOT ENTER A PREMISES OR STRUCTURE UNDER THIS SECTION WITHOUT PERMISSION OR WITHOUT A SEARCH WARRANT UNLESS A CONDITION AT THE PREMISES OR STRUCTURE POSES A REASONABLE THREAT OF IMMINENT HARM TO PUBLIC HEALTH OR SAFETY BEFORE PERMISSION OR A WARRANT COULD BE OBTAINED.

§ 297-38 **NOTICE OF VIOLATION.**

A. ISSUANCE. THE CODE OFFICIAL MAY ISSUE A NOTICE OF VIOLATION ("NOV") IF THERE ARE REASONABLE GROUNDS TO BELIEVE THAT THE PERSON TO WHOM THE NOV IS DIRECTED HAS VIOLATED:

- (1) THIS ARTICLE.
- (2) ANY RULE OR REGULATION ADOPTED PURSUANT TO THIS ARTICLE.
- (3) ANY ORDER OR PERMIT ISSUED PURSUANT TO THIS ARTICLE.

B. CONTENTS. A NOV ISSUED UNDER THIS SECTION SHALL:

- (1) SPECIFY THE PROVISION(S) THAT ALLEGEDLY HAS BEEN VIOLATED.
- (2) STATE THE FACTS IN SUPPORT OF THE ALLEGED VIOLATION.

C. ISSUANCE OF NOTICE OR ORDER. AFTER OR CONCURRENTLY WITH SERVICE OF A NOV UNDER THIS ARTICLE, THE CODE OFFICIAL MAY ISSUE AN ORDER THAT REQUIRES THE PERSON TO WHOM THE ORDER IS DIRECTED TO TAKE CORRECTIVE ACTION WITHIN THE TIME SET FORTH IN THE ORDER.

D. EFFECTIVE DATE OF ORDER. ANY ORDER ISSUED UNDER THIS SECTION IS EFFECTIVE IMMEDIATELY ACCORDING TO ITS TERMS UPON SERVICE. ANY PERSON WHO IS ISSUED AN ORDER SHALL BE REQUIRED TO TAKE ANY DIRECTED ACTION WITHIN THE TIME SPECIFIED IN THE ORDER REGARDLESS OF ANY HEARING RIGHTS PROVIDED BY THIS SECTION.

1 E. MANNER OF SERVICE. ANY NOV OR ORDER OF THE CODE OFFICIAL  
2 PURSUANT TO THIS SECTION SHALL BE SERVED BY ONE OF THE METHODS IN  
3 SUBSECTIONS A.(1) OR A.(2) AND BY THE METHOD IN SUBSECTION A.(3):  
4

5 (1) PERSONALLY;

6 (2) BY POSTING ON OR AT THE ENTRANCEWAY TO THE PROPERTY AT WHICH  
7 THE VIOLATION HAS OCCURRED; OR

8 (3) BY CERTIFIED MAIL, RETURN RECEIPT REQUESTED, BEARING A  
9 POSTMARK FROM THE UNITED STATES POSTAL SERVICE, TO THE LAST  
10 KNOWN ADDRESS OF THE PERSON IN WHOSE NAME THE PROPERTY ON  
11 WHICH THE VIOLATION OCCURRED IS ASSESSED FOR TAXATION.  
12

13 F. CERTIFICATION OF SERVICE. IF SERVICE IS MADE BY CERTIFIED MAIL,  
14 RETURN RECEIPT REQUESTED, BEARING A POSTMARK FROM THE UNITED  
15 STATES POSTAL SERVICE, THE PERSON WHO MAILES THE DOCUMENT SHALL  
16 RETAIN VERIFIED PROOF OF MAILING. WHERE SERVICE HAS BEEN MADE IN  
17 ANOTHER AUTHORIZED MANNER, THE PERSON WHO MADE THE SERVICE  
18 SHALL PREPARE AND INCLUDE IN THE CODE OFFICIAL'S FILE AN AFFIDAVIT  
19 OF SERVICE.  
20

21 G. HEARINGS. WITHIN TEN (10) DAYS AFTER BEING SERVED WITH A NOV OR AN  
22 ORDER, THE PERSON SERVED MAY REQUEST A HEARING BEFORE THE CODE  
23 OFFICIAL BY SERVING A WRITTEN REQUEST ON THE CODE OFFICIAL.  
24 SERVICE SHALL BE MADE PERSONALLY OR BY CERTIFIED MAIL, RETURN  
25 RECEIPT REQUESTED, BEARING A POSTMARK FROM THE U.S. POSTAL  
26 SERVICE.  
27

28 H. SUBPOENAS; WITNESSES.  
29

30 (1) IN CONNECTION WITH ANY HEARING UNDER THIS SECTION, THE CODE  
31 OFFICIAL MAY:

32 (A) SUBPOENA ANY PERSON OR EVIDENCE.

33 (B) ORDER A WITNESS TO GIVE EVIDENCE.

34 (2) A SUBPOENAED WITNESS WHO IS NOT AN EMPLOYEE OF THE CITY OF  
35 ABERDEEN SHALL BE PAID THE SAME FEES AND MILEAGE  
36 REIMBURSEMENT AS IF THE HEARING WERE PART OF A CIVIL ACTION IN  
37 THE CIRCUIT COURT OF MARYLAND.  
38

39 I. FINAL CORRECTIVE ORDER.  
40

41 (1) UNLESS THE PERSON SERVED WITH AN ORDER MAKES A TIMELY REQUEST  
42 FOR A HEARING PURSUANT TO SUBSECTION G. OF THIS SECTION, THE NOV  
43 OR ORDER BECOMES FINAL ON THE ELEVENTH DAY AFTER SERVICE.

44 (2) IF A PERSON WHO HAS BEEN ISSUED A NOV OR AN ORDER UNDER THIS  
45 SECTION MAKES A TIMELY REQUEST FOR A HEARING, THE NOV OR ORDER

1 BECOMES A FINAL CORRECTIVE ORDER IF THE CODE OFFICIAL AFFIRMS  
2 THE ORDER FOLLOWING THE HEARING.  
3

4 J. OTHER ACTIONS DEPENDENT ON ISSUANCE OF A NOV OR ORDER. A  
5 PERSON WHO VIOLATES THIS ARTICLE IS ENTITLED TO THE ISSUANCE OF  
6 A NOV OR AN ORDER PRIOR TO THE IMPOSITION OF CIVIL PENALTIES  
7 UNDER § 297-39 OR CRIMINAL PENALTIES UNDER § 297-41. THE CITY OR  
8 THE CODE OFFICIAL MAY TAKE WHATEVER ACTION IT DEEMS  
9 APPROPRIATE AND WHICH IS PERMITTED BY THIS ARTICLE OR THE LAW  
10 TO SEEK REDRESS FROM ANY PERSON WHO VIOLATES THIS ARTICLE OR  
11 TO REMEDY A VIOLATION OR THREATENED VIOLATION OF THIS ARTICLE.  
12

13 **§ 297-39 CIVIL PENALTY.**  
14

15 IN ADDITION TO BEING SUBJECT TO AN INJUNCTIVE ACTION UNDER § 297-40 OF  
16 THIS ARTICLE, ANY PERSON WHO VIOLATES ANY NOV OR ORDER ISSUED UNDER  
17 THIS ARTICLE, IS LIABLE TO PAY A CIVIL PENALTY NOT EXCEEDING ONE  
18 THOUSAND DOLLARS (\$1000.) PER DAY PER VIOLATION TO BE COLLECTED IN A  
19 CIVIL ACTION. EACH DAY A VIOLATION OCCURS IS A SEPARATE VIOLATION.  
20

21 **§ 297-40 INJUNCTIVE RELIEF.**  
22

23 A. IN GENERAL. THE CITY MAY BRING AN ACTION FOR AN INJUNCTION  
24 AGAINST ANY PERSON WHO VIOLATES ANY PROVISION OF THIS ARTICLE, OR  
25 ANY PROVISION OF ANY NOV OR ORDER ISSUED UNDER THIS ARTICLE.  
26

27 B. FINDINGS. IN ANY ACTION FOR AN INJUNCTION UNDER THIS SECTION, ANY  
28 FINDING OF THE CODE OFFICIAL AFTER A HEARING IS PRIMA FACIE  
29 EVIDENCE OF EACH FACT SO DETERMINED.  
30

31 C. GROUNDS. ON A SHOWING THAT ANY PERSON IS VIOLATING OR IS ABOUT TO  
32 VIOLATE THIS ARTICLE OR ANY NOV OR ORDER ISSUED BY THE CODE  
33 OFFICIAL, THE COURT SHALL GRANT AN INJUNCTION WITHOUT REQUIRING A  
34 SHOWING OF A LACK OF AN ADEQUATE REMEDY AT LAW.  
35

36 D. EMERGENCY. IF AN EMERGENCY ARISES DUE TO ACTUAL OR IMMINENT  
37 DANGER TO THE PUBLIC HEALTH, SAFETY OR WELFARE, OR ACTUAL OR  
38 IMMINENT DANGER TO THE ENVIRONMENT, THE CITY MAY SUE  
39 IMMEDIATELY FOR AN INJUNCTION TO STOP ANY POLLUTION OR OTHER  
40 ACTIVITY THAT IS CAUSING THE DANGER.  
41

42 **§ 297-41 CRIMINAL PENALTIES.**  
43

44 A. A PERSON WHO VIOLATES ANY PROVISION OR FAILS TO PERFORM ANY DUTY  
45 IMPOSED BY ANY NOV OR ORDER ISSUED UNDER THIS ARTICLE IS GUILTY OF  
46 A MISDEMEANOR AND, ON CONVICTION, IS SUBJECT TO A FINE NOT TO

1 EXCEED ONE THOUSAND DOLLARS (\$1000.) PER DAY PER VIOLATION OR  
2 IMPRISONMENT NOT TO EXCEED SIX (6) MONTHS, OR BOTH. EACH DAY A  
3 VIOLATION OCCURS IS A SEPARATE VIOLATION.  
4

5 B. IN ADDITION TO ANY CRIMINAL PENALTIES IMPOSED ON A PERSON  
6 CONVICTED UNDER THIS ARTICLE, THE PERSON MAY BE ENJOINED FROM  
7 CONTINUING THE VIOLATION AND SUBJECT TO CIVIL PENALTIES.  
8

9 § 297-42 **ABATEMENT.**  
10

11 A. GENERALLY. SUBJECT TO THE REMAINING PROVISIONS OF THIS SECTION, IF  
12 ANY PERSON FAILS, WITHIN THE TIME LIMIT SPECIFIED IN AN NOV OR ORDER,  
13 TO ABATE ANY CONDITION THAT IS PROHIBITED UNDER THIS ARTICLE OR  
14 ANY NOV OR ORDER ISSUED UNDER THIS ARTICLE, THE CITY MAY TAKE  
15 WHATEVER ABATEMENT ACTION MAY BE NECESSARY TO ABATE THE  
16 CONDITION BY USE OF CITY EMPLOYEES AND EQUIPMENT OR BY CONTRACT  
17 WITH PRIVATE CONTRACTORS. THE COST AND EXPENSE OF ABATING THE  
18 VIOLATION SHALL BE CERTIFIED BY THE CODE OFFICIAL TO THE CITY  
19 TOGETHER WITH THE NAME OF THE OWNER OF THE PROPERTY ON WHICH  
20 THE VIOLATION OCCURRED AS DETERMINED FROM THE PROPERTY TAX  
21 ASSESSMENT RECORDS. THESE CHARGES SHALL CONSTITUTE A LIEN UPON  
22 THE REAL PROPERTY AND SHALL BE COLLECTIBLE IN THE SAME MANNER AS  
23 CITY REAL PROPERTY TAXES, WITH THE SAME PRIORITY, INTEREST AND  
24 PENALTIES. INITIATION OF ABATEMENT ACTION SHALL NOT PRECLUDE THE  
25 INITIATION OF ANY OTHER ACTION OR LEGAL PROCEEDINGS AUTHORIZED  
26 OR PERMITTED UNDER THIS ARTICLE, THE LAWS OF THE STATE OF  
27 MARYLAND AND THE COMMON LAW.  
28

29 B. NOTICE OF ABATEMENT ACTION. AT LEAST FIFTEEN (15) DAYS BEFORE  
30 COMMENCING TO ABATE A VIOLATION, THE CODE OFFICIAL SHALL ISSUE A  
31 NOTICE OF ABATEMENT TO THE OWNER OF THE PROPERTY ON WHICH THE  
32 ABATEMENT WILL BE UNDERTAKEN. THE NOTICE SHALL DESCRIBE THE  
33 ABATEMENT TO BE UNDERTAKEN, SHALL PROVIDE AN ESTIMATE OF THE  
34 COST OF ABATEMENT, AND SHALL SPECIFY THAT THE COST FOR THE  
35 ABATEMENT SHALL CONSTITUTE A LIEN ON THE REAL PROPERTY OF THE  
36 OWNER.  
37

38 C. SERVICE. THE NOTICE OF ABATEMENT ISSUED BY THE CODE OFFICIAL SHALL  
39 BE SERVED BY PERSONAL SERVICE OR BY CERTIFIED MAIL, RETURN RECEIPT  
40 REQUESTED, BEARING A POSTMARK FROM THE UNITED STATES POSTAL  
41 SERVICE TO THE LAST KNOWN ADDRESS OF THE PERSON IN WHOSE NAME  
42 THE PROPERTY IS ASSESSED FOR TAXATION. IF THE NOTICE IS NOT  
43 DELIVERED BY PERSONAL SERVICE OR BY THE POSTAL SERVICE, THE NOTICE  
44 SHALL BE POSTED ON THE ENTRANCEWAY TO THE PROPERTY AT WHICH THE  
45 VIOLATION HAS OCCURRED.  
46

1 D. RIGHT OF PROPERTY OWNER TO HEARING. ANY PROPERTY OWNER WHO IS  
2 SUBJECT TO HAVING A CONDITION ON THE OWNER'S PROPERTY ABATED BY  
3 THE CITY AND A LIEN PLACED ON THE OWNER'S PROPERTY AS A RESULT OF  
4 THE ABATEMENT SHALL HAVE A RIGHT TO A HEARING BEFORE THE CODE  
5 OFFICIAL IF THE PROPERTY OWNER SERVES A WRITTEN REQUEST FOR A  
6 HEARING ON THE CODE OFFICIAL WITHIN TEN (10) DAYS AFTER BEING  
7 SERVED WITH THE NOTICE OF ABATEMENT ACTION OR THE POSTING OF THE  
8 NOTICE OF ABATEMENT ACTION ON THE PROPERTY.  
9

10 E. SUBPOENAS; WITNESSES. THE DIRECTOR MAY SUBPOENA OR PROCURE  
11 WITNESSES AND EVIDENCE IN ACCORDANCE WITH SECTION 250-38.H. OF THIS  
12 ARTICLE.  
13

14 F. FINALITY OF ABATEMENT ACTION AND LIEN.  
15

16 (1) AFTER SERVICE OF THE NOTICE OF ABATEMENT, UNLESS THE PERSON  
17 SERVED WITH A NOTICE OF ABATEMENT MAKES A TIMELY REQUEST FOR  
18 A HEARING PURSUANT TO SUBSECTION D. OF THIS SECTION, THE CODE  
19 OFFICIAL MAY IMPLEMENT THE ABATEMENT SPECIFIED IN THE NOTICE  
20 AND THE LIEN FOR COSTS OF ABATEMENT SHALL BECOME FINAL ON THE  
21 PROPERTY UPON COMPLETION OF THE WORK.  
22

23 (2) IF A PERSON MAKES A TIMELY REQUEST FOR A HEARING, ANY  
24 ABATEMENT MAY PROCEED AS AUTHORIZED BY THE CODE OFFICIAL  
25 FOLLOWING THE HEARING AND THE LIEN FOR THE COST OF ABATEMENT  
26 SHALL BECOME FINAL AFTER COMPLETION OF ALL ABATEMENT WORK  
27 AUTHORIZED BY THE CODE OFFICIAL.  
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1           **SECTION 3. BE IT FURTHER ENACTED BY THE COUNCIL OF THE CITY**  
2 **OF ABERDEEN**, that this Ordinance shall become effective at the expiration of twenty (20)  
3 calendar days following adoption.

**COUNCIL OF THE CITY OF ABERDEEN**

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**Patrick L. McGrady, Mayor**

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**Steven E. Goodin, Councilman**

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**Sandra J. Landbeck, Councilwoman**

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**Timothy W. Lindecamp, Councilman**

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**Melvin T. Taylor, Councilman**

**ATTEST:**

**SEAL:**

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**Monica A. Correll, City Clerk**

**Date** \_\_\_\_\_