



# Illinois Environmental Protection Agency

Bureau of Water • 1021 N. Grand Avenue E. • P.O. Box 19276 • Springfield • Illinois • 62794-9276

## Division of Water Pollution Control ANNUAL FACILITY INSPECTION REPORT

### for NPDES Permit for Storm Water Discharges from Separate Storm Sewer Systems (MS4)

*This fillable form may be completed online, a copy saved locally, printed and signed before it is submitted to the Compliance Assurance Section at the above address. Complete each section of this report.*

Report Period: From March, 2017 To March, 2018

Permit No. ILR40 0227

#### MS4 OPERATOR INFORMATION: (As it appears on the current permit)

Name: VILLAGE OF ADDISON Mailing Address 1: 1 FRIENDSHIP PLAZA

Mailing Address 2: County: DuPage

City: ADDISON State: IL Zip: 60101 Telephone: 630-543-4100

Contact Person: KAI LIU Email Address: Kliu@addison-il.org  
(Person responsible for Annual Report)

#### Name(s) of governmental entity(ies) in which MS4 is located: (As it appears on the current permit)

DUPAGE COUNTY - COPERMITTEE

#### THE FOLLOWING ITEMS MUST BE ADDRESSED.

A. Changes to best management practices (check appropriate BMP change(s) and attach information regarding change(s) to BMP and measurable goals.)

- |   |  |
|---|--|
| 1. Public Education and Outreach <input type="checkbox"/>             | 4. Construction Site Runoff Control <input type="checkbox"/>       |
| 2. Public Participation/Involvement <input type="checkbox"/>          | 5. Post-Construction Runoff Control <input type="checkbox"/>       |
| 3. Illicit Discharge Detection & Elimination <input type="checkbox"/> | 6. Pollution Prevention/Good Housekeeping <input type="checkbox"/> |

B. Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified best management practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.

C. Attach results of information collected and analyzed, including monitoring data, if any during the reporting period.

D. Attach a summary of the storm water activities you plan to undertake during the next reporting cycle ( including an implementation schedule.)

E. Attach notice that you are relying on another government entity to satisfy some of your permit obligations (if applicable).

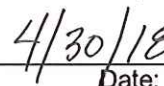
F. Attach a list of construction projects that your entity has paid for during the reporting period.

**Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))**

 Owner Signature:

Kai Liu

Printed Name:

 Date:

Village Engineer

Title:

EMAIL COMPLETED FORM TO: epa.ms4annualinsp@illinois.gov

or Mail to: ILLINOIS ENVIRONMENTAL PROTECTION AGENCY  
WATER POLLUTION CONTROL  
COMPLIANCE ASSURANCE SECTION #19  
1021 NORTH GRAND AVENUE EAST  
POST OFFICE BOX 19276  
SPRINGFIELD, ILLINOIS 62794-9276

## Village of Addison Annual Report Year 15

### A. Public Education and Outreach

- ☒ A.1 Distributed Paper Material
- ☐ A.2 Speaking Engagement
- ☐ A.3 Public Service Announcement
- ☒ A.4 Community Event
- ☐ A.5 Classroom Education Material
- ☐ A.6 Other Public Education

### B. Public Participation/Involvement

- ☐ B.1 Public Panel
- ☐ B.2 Educational Volunteer
- ☒ B.3 Stakeholder Meeting
- ☐ B.4 Public Hearing
- ☒ B.5 Volunteer Monitoring
- ☐ B.6 Program Coordination
- ☒ B.7 Other Public Involvement

### C. Illicit Discharge Detection and Elimination

- ☒ C.1 Storm Sewer Map Preparation
- ☒ C.2 Regulatory Control Program
- ☒ C.3 Detection/Elimination Prioritization Plan
- ☒ C.4 Illicit Discharge Tracing Procedures
- ☒ C.5 Illicit Source Removal Procedures
- ☒ C.6 Program Evaluation and Assessment
- ☒ C.7 Visual Dry Weather Screening
- ☒ C.8 Pollutant Field Testing
- ☐ C.9 Public Notification
- ☐ C.10 Other Illicit Discharge Controls

### D. Construction Site Runoff Control

- ☒ D.1 Regulatory Control Program
- ☒ D.2 Erosion and Sediment Control BMPs
- ☐ D.3 Other Waste Control Program
- ☒ D.4 Site Plan Review Procedures
- ☒ D.5 Public Information Handling Procedures
- ☒ D.6 Site Inspection/Enforcement Procedures
- ☐ D.7 Other Construction Site Runoff Controls

### E. Post-Construction Runoff Control

- ☐ E.1 Community Control Strategy
- ☒ E.2 Regulatory Control Program
- ☐ E.3 Long Term O&M Procedures
- ☒ E.4 Pre-Const Review of BMP Designs
- ☒ E.5 Site Inspections during Construction
- ☒ E.6 Post-Construction Inspections
- ☐ E.7 Other Post-Const Runoff Controls

### F. Pollution Prevention/Good Housekeeping

- ☒ F.1 Employee Training Program
- ☒ F.2 Inspection and Maintenance Program
- ☒ F.3 Municipal Operations Storm Water Control
- ☒ F.4 Municipal Operations Waste Disposal
- ☐ F.5 Flood Management/Assess Guidelines
- ☐ F.6 Other Municipal Operations Control

**SECTION B: Attach the status of compliance with permit conditions, an assessment of the appropriateness of your identified Best Management Practices and progress towards achieving the statutory goal of reducing the discharge of pollutants to the MEP, and your identified measurable goals for each of the minimum control measures.**

**A. Public Education and Outreach**

- ☒ **A.1 Distributed Paper Material**
- ☐ **A.2 Speaking Engagement**
- ☐ **A.3 Public Service Announcement**
- ☒ **A.4 Community Event**
- ☐ **A.5 Classroom Education Material**
- ☐ **A.6 Other Public Education**

**ADDITIONAL VILLAGE COMPLETED TASKS:**

The Village of Addison continues to distribute our own educational brochures. They are titled, “Guide to Storm Water Management,” “Guide to Protecting Our Water Quality,” “Guide to Best Management Practices,” and “Guide to Drainage Easements.” Additional brochures related to storm water management and water quality are currently being developed. Materials related to recycling, storm sewer stenciling, and dumping are distributed.

The Village of Addison also distributes various brochures produced by DuPage County, the Conservation Foundation and other agencies. The Village’s electronic monthly newsletter also periodically includes educational information released by the County, the Conservation Foundation and the Midwest Pesticide Action Center. In addition, the Village posts informational videos distributed by the County on the Village’s local cable station.

The Village of Addison sent an informational FAQ sheet to homeowners along drainage swales in May of 2010 regarding proper maintenance and landscaping. The sheet provided instruction on maintaining stream banks, preventing blockages, and controlling erosion.

**B. Public Participation/Involvement**

- ☐ **B.1 Public Panel**
- ☐ **B.2 Educational Volunteer**
- ☒ **B.3 Stakeholder Meeting**
- ☐ **B.4 Public Hearing**
- ☒ **B.5 Volunteer Monitoring**
- ☐ **B.6 Program Coordination**
- ☒ **B.7 Other Public Involvement**

**ADDITIONAL VILLAGE COMPLETED TASKS:**

The Village of Addison has a regular attendee of the Municipal Engineer's Meeting Group and has continued to assist in crafting Countywide ordinance revisions pertaining to protecting water quality with revised best management practice and illicit detection and discharge elimination requirements. The Village in conjunction with the rest of the group will continue its efforts on Water Quality improvement such as NPDES Phase II requirements, Soil and Erosion Control and Floodplain Ordinance revisions, Best Management Practices Manual and NPDES Outfall mapping, and Illicit Discharge and Detection Elimination.

The Village also continues to attend The DuPage River Salt Creek Workgroup (DRSCW) regular meetings, fund its annual fee, and offer available expertise as necessary.

Village staff made a presentation in March of 2017 about the MS4 program at a Village Board meeting to inform and allow for input from the community and public officials.

The Village of Addison, in conjunction with Boy Scout Troop 410, coordinated a local River Sweep in Westwood Creek on August 7, 2017. We collected approximately 10, 30 gallon trash bags of debris, totaling about 50 pounds, from Westwood Creek. The Village of Addison Environmental Services Division assisted in the coordination of the event as well as the removal of debris. The Village of Addison Public Works Division disposed of all refuse.

**C. Illicit Discharge Detection and Elimination**

- ☒ **C.1 Storm Sewer Map Preparation**
- ☒ **C.2 Regulatory Control Program**
- ☒ **C.3 Detection/Elimination Prioritization Plan**
- ☒ **C.4 Illicit Discharge Tracing Procedures**
- ☒ **C.5 Illicit Source Removal Procedures**
- ☒ **C.6 Program Evaluation and Assessment**
- ☒ **C.7 Visual Dry Weather Screening**
- ☒ **C.8 Pollutant Field Testing**
- ☐ **C.9 Public Notification**
- ☐ **C.10 Other Illicit Discharge Controls**

**ADDITIONAL VILLAGE COMPLETED TASKS:**

The Village of Addison continues to revise its storm sewer atlases and provide updates on its GIS. Creek outfalls have been located with GPS equipment and have been inputted into the GIS.

The development of an illicit discharge detection and elimination (IDDE) program has been completed and a local IDDE manual has been submitted with the 2008 Notice of Intent. The IDDE program was fully implemented in March 2008. The IDDE program includes a prioritization plan, outfall visual screening, monitoring program, tracing, enforcement, and reporting. The IDDE manual was revised in March of 2016.

The Village of Addison had identified 61 outfalls, and each was visually inspected and the conditions recorded during the reporting period. All outfalls were normal, and records of the inspections are available for review in our office.

There were several investigations performed over the past year related to pollution in the storm sewer system and local streams:

- 1) A diesel spill was reported to our department on 2/13/18 at approximately 2pm. The company, MidWest Graphics at 150 S. Church Street reported that a semi-tractor trailer was leaking diesel fuel from one of its saddle tanks into their docking bay. The truck belongs to Amerifreight out of Bensenville and they had Hazchem cleanup the affected area.
- 2) On 2/16 at 4N430 Mill Rd. our Dept. was made aware of a possible stormwater laundry detergent discharge over the sidewalk and into a Village storm-drain. The County was informed of our findings and has proceeded to address the violation.
- 3) On 1/24/18, a semi-tractor trailer ran over a large decorative rock at 120 W Factory Rd. Hazchem was called out and cleaned up the oil. No storm drains were impacted but oil booms were placed in the surrounding drains to be safe.
- 4) On 11/30/17, one of our inspectors noticed potential stormwater violations at 1130 W National. The inspector informed the owner of the oily swarf leaking from their dumpster and asked that they clean the area as well as invest in a sealed dumpster. We will continue to monitor.
- 5) On 11/07/17, one of our inspectors noticed potential stormwater violations at 1213 Capitol, Hi-Tech Machining. Our inspector informed the company that the swarf from their CNC machining was leaking onto the pavement and could cause potential stormwater violations. The owner has since cleaned the area and is looking into getting a sealed container.
- 6) On 10/25/17, a call from the IEPA was received by our dept. Krages Mobil Service Center at 191 E Lake St was found to have allowed an illegal discharge to our stormwater system. However our sewer dept. was able to determine that the affected line was a combined sewer and storm water line. No fine was issued but Krages was informed that only stormwater may be discharged into the stormwater system. We will continue to monitor.
- 7) On 10/10/17, our inspectors discovered an illegal discharge into our stormwater system. The apartments at 413/419 Stevens had a blocked sewer line that was fed by an ejector pit. The result of the blockage was an overflow of sewage from the ejector pit to a nearby sump pit that drains to storm. The blocked line has been repaired and hence sewage is no longer being pumped to storm.
- 8) On 10/06/17, a fish kill was reported at Lake Manor Pond. Testing on site indicated the presence of chlorine. We were unable to locate the responsible party. We will continue to monitor.
- 9) On 10/03/17, visual inspection of Granny's Restaurant at 190 N Swift, indicated stormwater violations. The company was contacted and asked to correct the problems. An environmental cleanup company was hired to clean up the grease from the storm water drain. We issued fines for the violation.
- 10) On 9/20/17, Mistica Foods, 50 W Commercial Ave., was found to have had some stormwater issues after a visual inspection by our dept. Mistica has since addressed these issues. We will continue to monitor.
- 11) On 9/13/17, The Countertop Factory and Chicago Custom Powder Coating were found guilty of violating Village code, Unlawful Deposition of Waste in an administrative adjudication hearing.

- 12) On 9/12/17, visual inspection of Grind Lap Services, Inc., 1045 National Ave, indicated stormwater violations. The company was contacted and asked to correct the problems. We will continue to monitor.
- 13) On 8/28/17, our dept. responded to a call from Addison PD concerning car fluids leaking into a storm drain on Lake St following a car accident. The affected drain was cleaned. No other connected drains were affected.
- 14) On 8/16/17, our dept. noticed that Windy City Countertops had been letting their process waste get into Addison storm drains. The owner was contacted and warned of future violations, fines and citations. The waste has since been cleaned up and we will continue to monitor.
- 15) On Aug. 8th, Armor Tech, 41 W Fullerton Ave, was found to have washed off organic solvents and paint waste off of their unfinished product outside of their facility and into the alley. This was their second offense and a citation was issued.
- 16) The Village conducted a River Sweep of Westwood Creek on 8/7/17. Approximately 10 bags of garbage were collected by Boy Scout Troops and our Dept.
- 17) On 8/2/17, The Countertop Factory, 869 S Rohlwing Rd, was found to have discharged their process waste outside of their facility after they had cleaned up a previous overland discharge from the weekend before. The company has been issued a citation.
- 18) On 6/30/17 we received a call from our Water Dept. concerning a failed septic system at 4N014 Lombard Rd. We were unable to make contact with the homeowner but informed DuPage Co. Health Dept. of the situation. We will continue to monitor.
- 19) On 6/21/17 a call was received from AFD concerning a business on Vista Ave washing oil and grease down into the storm drains near the AFD fire station at 666 Vista. The business was power washing the underside of a semi-truck and the oily water was collecting on the nearby curbs. Booms were placed near the drains and the oil was cleaned up by the business, TGL Logistics at 500 S Vista.
- 20) On 5/25/17, our dept. responded to a call from the Cary Company concerning their fire suppressant system. The system was discharged by accident and the AFD was on-site to assist. Some of the suppressant was found in the storm system and the majority was pumped into 55 gal drums and hauled off for proper disposal.
- 21) On 5/17/17, a blockage was found in the docking bay of Plastisol Products, 1002 Republic Dr. The owner was informed that he needed to clean the clog out and any other affected storm lines. Plastisol cleaned all affected lines and have sent us the waste manifest for the recovered polluted water.
- 22) On 5/10/17 while inspecting storm lines in un-incorporated Addison at 3N460 Lombard Rd., our inspector questioned the resident and informed him that we were looking for illegal hook-ups to our storm lines. After our visit and a visit by DuPage County the owner informed us that their laundry line was hooked up to our storm system. The resident has since disconnected. We will continue to monitor.
- 23) On 5/6/17, we received a call about laundry waste entering a storm drain at 232 W Lake St. The problem turned out to be a collapsed line at the intersection of JFK Dr. and the entrance to Jewel. The lateral belonged to Leisure Time Laundromat. The owner of the building was notified and the line repaired on May 10th.
- 24) On 4/24/17, our sewer dept. called in to report heavy oil build-up in the inspection manhole belonging to CNC Swiss Machining, 761a W Racquet Club Dr, Addison, IL 60101. The company was notified and found the problem to be with their clean-up routine. The used mop water bucket, containing the heavy oil, will now be hauled off according to the manager. We will continue to monitor the situation.

- 25) On 4/20/17, an oil sheen was reported on Westwood Creek near Lincoln Court. Upon further investigation we found no evidence of anyone dumping into the creek. We will continue to monitor this area.
- 26) On 4/19/17, pellets of an unknown substance were found by Fullerton Creek near U.S Tool & Manufacturing Co. The manager was notified and cleaned the area.
- 27) On 4/11/17, oil and grease was noticed in the storm drain of Popeye's Chicken, 691 W Lake St. The owner was notified and the drain was washed and pumped out. Surrounding area of the drain was also cleaned.
- 28) On 4/7/17, construction site stormwater violations were observed at Clyde's Donuts, 1120 W Fullerton. Clyde's manager was notified as was Addison Community Development. They have since rectified the problems with the help of our Com. Dev inspector.

Finally, the Village also performed periodic grab sampling and analysis at 21 of the 61 outfall points. A total of 61 screening samples were collected and 367 different field analyses were performed. Parameters tested included Metals, D.O., Temperature, Ammonia, Nitrate, Phosphate and pH. A summary of the monitoring data collected is attached in Section C. There were no high levels reported during the testing.

**D. Construction Site Runoff Control**

- ☒ **D.1 Regulatory Control Program**
- ☒ **D.2 Erosion and Sediment Control BMPs**
- ☐ **D.3 Other Waste Control Program**
- ☒ **D.4 Site Plan Review Procedures**
- ☐ **D.5 Public Information Handling Procedures**
- ☒ **D.6 Site Inspection/Enforcement Procedures**
- ☐ **D.7 Other Construction Site Runoff Controls**

**ADDITIONAL VILLAGE COMPLETED TASKS:**

Village of Addison staff continues to be a regular attendee of the Municipal Engineer's Meeting Group and continues to assist in crafting Countywide ordinance revisions pertaining to protecting water quality with revised Best Management Practices and Illicit Discharge and Detection Elimination. The Village in conjunction with the rest of the group will continue its efforts on Water Quality improvement such as NPDES Phase II requirements, Soil and Erosion Control and Floodplain Ordinance revisions, Best Management Practices Manual and NPDES Outfall mapping.

Site plan reviews greater than one acre and under NPDES Phase II are not only required to meet the County and the Village's ordinance, but also reviewed to satisfy many state requirements of the state ILR10 permit. These sites are required to pass an erosion and sediment controls inspection prior to disturbing the earth and are checked regularly by the engineering inspector.

Site plan reviews less than one acre are also required to meet the County and the Village's ordinance. Those permits receive attached details indicating how erosion and sediment controls are to be installed for small sites. Small sites are required to pass erosion and sediment controls inspection prior to disturbing the earth and are checked by building inspectors during most of the construction.



The Village issued Eighteen (18) stormwater permits during the 2017-2018 reporting year.

**E. Post-Construction Runoff Control**

- ☐ **E.1 Community Control Strategy**
- ☒ **E.2 Regulatory Control Program**
- ☐ **E.3 Long Term O&M Procedures**
- ☒ **E.4 Pre-Const Review of BMP Designs**
- ☒ **E.5 Site Inspections during Construction**
- ☒ **E.6 Post-Construction Inspections**
- ☐ **E.7 Other Post-Const Runoff Controls**

**ADDITIONAL VILLAGE COMPLETED TASKS:**

Village of Addison staff is a regular attendee of the Municipal Engineer's Meeting Group and continues to assist in crafting Countywide ordinance revisions pertaining to protecting water quality with Post Construction Best Management Practices. The Village in conjunction with the rest of the group will continue its efforts on Water Quality improvement such as NPDES Phase II requirements, Soil and Erosion Control and Floodplain Ordinance revisions, Best Management Practices Manual and NPDES Outfall mapping.

Site plan reviews greater than one acre and under NPDES Phase II are required not only to meet the County and the Village's ordinance, but also reviewed to satisfy many state requirements of the state ILR10 permit.

The BMP manual developed by a private consultant for the Countywide ordinance was adopted in 2008. The manual includes educational narratives, a BMP selection guidance, and technical specifications that appropriately reflect the county's urban setting, winter season, poorly draining soils, and flat topography. The Village has since required applicable sites to incorporate BMP's into the proposed plans. References are provided to developers for implementation of permanent, post-construction BMP's.

The DuPage County Stormwater and Floodplain Ordinance adopted in 2012 requires Post Construction Best Management Practices (PCBMP) for all sites where the Net New Impervious Area is 2,500 square feet or greater. The Village requires all applicable sites (residential, commercial and industrial) to implement PCBMP's to provide water quality and volume control.

Before accepting a completed project the Village requires record drawings to be approved and an environmental report, as necessary, be submitted. Final inspections are also performed to determine whether installed structures perform as designed and within Village parameters. Small sites also are required to provide post construction erosion and sediment controls such as sod or blanket in the parkway and swales prior to occupancy.



**F. Pollution Prevention/Good Housekeeping**

- ☒ **F.1 Employee Training Program**
- ☒ **F.2 Inspection and Maintenance Program**
- ☒ **F.3 Municipal Operations Storm Water Control**
- ☒ **F.4 Municipal Operations Waste Disposal**
- ☐ **F.5 Flood Management/Assess Guidelines**
- ☐ **F.6 Other Municipal Operations Controls**

**ADDITIONAL VILLAGE COMPLETED TASKS:**

Catch basin cleaning continues approximately every four years for storm sewer systems and every year for combined sewer systems. Street sweeping continues on a regular basis with all streets swept at least six times a year.

A training session on storm water pollution prevention was held with all Public Works employees on April 5, 2017. The training focused on Pollution Prevention training for MS4 communities.

A training session was held at DuPage County Department of Transportations on 10/12/17 for the Village's street department. This session was focused on the deicing of public roads and chloride reduction in our streams.

The Village also continues to attend The DuPage River Salt Creek Workgroup (DRSCW) regular meetings, fund its annual fee, and offer available expertise as necessary.

A summary of the reportable data for several of the municipal activities is as follows:

**ANNUAL MS4 REPORT – MUNICIPAL OPERATIONS REPORT**  
**TIME PERIOD: MARCH 1, 2017 TO MARCH 1, 2018**

Street Sweeping (Minimum Control F.3):

2,745 Curb miles cleaned

3,071 Tons of debris removed from streets

Salt Usage (Minimum Control F.3):

1,787 Tons of salt used

5 Number of snow events (2” or greater)

27 Number of ice events

66 Tons of salt used per event

Sewer Catch Basin Cleaning (Minimum Control F.3):

640 # of Storm Sewer Catch Basins/Inlets cleaned and pumped (out of approx. 2200)

160 # of Combined Sewer Catch Basins/Inlets cleaned and pumped (out of approx. 160)

Training (Minimum Control F.1):

√ Completed Pollution Prevention training for MS4 communities  
Employees (Date: 4/5/17)

√ Completed annual Salt Usage/Salt Loading training (Date: 10/31/17)

√ Completed annual Public Meeting (Date: 3/13/17)

**SECTION C: Attach results of information collected and analyzed, including monitoring data, if any, during the reporting period.**

See Attached Data.

**SECTION D: Attach a summary of the stormwater activities you plan to undertake during the next reporting cycle (including an implementation schedule).**

**A. Public Education and Outreach**

The Village, as time and knowledge allows, will continue to develop educational handouts related to storm water discharges and protecting and maintaining water quality discharged into the waterways. Community events will be offered to local groups from time to time.

The Village of Addison also distributes various brochures produced by DuPage County, the Conservation Foundation and other relevant organizations. The Village's electronic newsletter also periodically includes educational information released by the County, the Conservation Foundation, the Midwest Pesticide Action Center and other organizations. In addition, the Village posts informational videos distributed by DuPage County on the Village's local cable station along with links on the Village's facebook page.

**B. Public Participation/Involvement**

The Village of Addison, in conjunction with the Conservation Foundation and local Boy Scout Troops, will continue to coordinate and participate in local River Sweeps.

The Village will continue to meet and participate in the Municipal Engineer's Meeting Group and the DuPage County Water Quality Stakeholder Committee. Both groups meet on a regular basis to review and discuss program development as it pertains to storm water discharges and water quality. Discussions will include best management practices, illicit discharge detection and elimination, or other relevant discussions.

In the next reporting year, the BMP manual revision to the Ordinance and Technical Guidance Document to the Stormwater Management Committee will continue to be implemented.

**C. Illicit Discharge Detection and Elimination**

The development of an illicit discharge detection and elimination (IDDE) program has been completed and a local IDDE manual has been submitted with the 2008 Notice of Intent. The IDDE program was fully implemented in March 2008. The IDDE program includes a

prioritization plan, outfall screening/monitoring program, tracing, enforcement, and reporting. The IDDE manual was revised in March of 2016.

The Village will continue to inspect and monitor the 21 primary storm sewer/waterway locations on a continuous basis. In addition, the Village of Addison had identified 61 outfalls, and each was visually inspected and the conditions recorded during the reporting period. All outfalls were normal, and records of the inspections are available for review in our office.

There were several investigations performed over the past year related to pollution in the storm sewer system and local streams.

#### **D. Construction Site Runoff Control**

The BMP related Ordinance changes have been adopted and Village staff has attended training workshops as offered by the DuPage County Water Quality Education Program. The Village will continue to conduct a minimum of two inspections for construction runoff site control per storm water permit issued.

#### **E. Post-Construction Runoff Control**

The Village will continue to use the Water Quality Stakeholder committee and Municipal Engineers Meeting Group to evaluate problematic areas of the post construction BMPs being utilized in DuPage County and make recommendations where necessary.

#### **F. Pollution Prevention/Good Housekeeping**

Training will be provided at least annually with the entire Public Works staff to review storm water impacts from each of the divisions' municipal operations. Training typically covers an overview of Addison's "Storm Water Pollution Prevention and Good Housekeeping Manual" and review of our chloride reduction programs. Training is typically held in the fall.

**SECTION E: The 40 co-permittees listed in the cover letter rely on DuPage County to satisfy some of their permit obligations as applicable.**

**SECTION F: Attach a list of construction projects that your entity has paid for during the reporting period.**

**Village of Addison (ILR 40 MS4 Permit # 0227)**

Location/Project Name	Category	Start Date – End Date
<b>Storm Sewer Improvements – Various</b>	Utility	Apr '17 – Nov '17
<b>Motor Fuel Tax - Resurfacing</b>	Transportation	May '17 – Oct '17
<b>Village Green Improvements – Permeable Pavers, Drainage, Walkways, Lighting</b>	Utility & Transportation	September '16 – May '17

## **ATTACHMENT**

### **SECTION C**

LOCATION: 18" SOUTH OF CHERRY

[illegible]



LOCATION: 24" LAKE STREET

[illegible]

LOCATION: 36" @ PALMER (A-JL)

[illegible]

## N-Normal

**NF- No Flow**

**S-Sheen**

## F-Foam

## C-Colored

LOCATION: 42" SOUTH OF CHERRY

[illegible]

* N-Normal	NF- No Flow	S-Sheen	F-Foam	C-Colored
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4/25/17 Zinc No color change

6/13/17 Nitrate 1.0 Nitrite less than 0.15

LOCATION: 48" ADDISON & LORRAINE

	PHYS.		TEMP	DIS. OXY.	COPPER	ZINC	NH <sub>3</sub>	PHOS	CHROME	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
DATE	COND.*	TIME	pH	(C°)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)			
4/19/17	N	10:00AM	7.27	55.9	8.39	0.03	0.68	0.24	0.35	50.0	43.0	0.00
5/22/17	N	10:00AM	7.01	57.1	7.83	0.04	0.60	0.03	0.18	73.0	48.0	0.01
6/14/17	N	9:15AM	7.28	61.9	4.30		0.02	11.60	4.80	92.0	68.0	0.59
8/9/17	N	9:35AM	7.16	63.7	7.15	0.81	0.01	0.90	0.05	83.0	61.0	0.00
M/MAX			7.28	63.7	8.39	0.81	0.68	11.60	4.80	92.0	68.0	0.59
AVG.			7.18	59.7	6.92	0.29	0.33	11.60	1.49	74.5	55.0	0.15
MIN			7.01	55.9	4.30	0.03	0.01	11.60	0.03	50.0	43.0	0.00

	N-Normal	NF-No Flow	S-Sheen	F-Foam	C-Colored
1					
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8/9/17 0.81 COPPER NO COLOR CHANGE PRECIPITATION

LOCATION: 54" ADDISON & ARMITAGE

[illegible]

* N-Normal	NF- No Flow	S-Sheen	F-Foam	C-Colored
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LOCATION: 72" ODEUM

[illegible]

**\*  
N-Normal**

NF- No Flow

**S-Sheen**

## F-Foam

## C-Colored

**LOCATION: CENTENNIAL POND**

[illegible]



**LOCATION: DAVEA POND**

[illegible]

**LOCATION: DIVERSEY AVE PUMP STATION**

[illegible]

	N-Normal	NF- No Flow	S-Sheen	F-Foam	C-Colored
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**LOCATION: FULLERTON AT FAIRBANKS**

[illegible]

**\*N-Normal**

**NF- No Flow**

**S-Sheen**

## F-Foam

## C-Colored

LOCATION: **FULLERTON @ STEWART**

[illegible]

LOCATION: **HAMPTON INN**

[illegible]

* N-Normal	NF- No Flow	S-Sheen	F-Foam	C-Colored
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**LOCATION: LAKE MANOR POND**

[illegible]

* N-Normal	NF- No Flow	S-Sheen	F-Foam	C-Colored
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**LOCATION: MYRIC AVE. PUMP STATION**

[illegible]



## LOCATION: OPUS POND EFFLUENT

	PHYS.		TEMP	DIS. OXY.	COPPER	ZINC	NITRATE	PHOS	CHROMIUM	Last 24 hrs HIGH TEMP.	Last 24 hrs LOW TEMP.	Last 24 hrs PRECIP.
DATE	COND.*	TIME	pH	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)			
4/17/17	N	2:00PM	7.06	13.21	0.10	0.26		1.44		73.0	62.0	0.37
5/23/17	N	2:25PM	6.70	11.51	0.01	0.04	0.00	1.40		62.0	55.0	0.33
6/13/17	NF	1:25PM								88.0	68.0	0.00
8/9/17	N	10:10AM	7.80	9.42	0.12	0.02	2.00	0.84		83.0	61.0	0.00
M/A/X			7.80	78.2	13.21	0.12	0.26	2.00	1.44	88.0	68.0	0.37
A/V/G.			7.19	71.0	11.38	0.08	0.11	1.00	1.23	76.5	61.5	0.18
M/I/N			6.70	62.9	9.42	0.01	0.02	0.00	0.84	62.0	55.0	0.00

LOCATION: REPUBLIC CURVE

	PHYS.			TEMP	DIS. OXY.	COPPER	ZINC	NITRATE	PHOS	CHROME	Last 24 hrs	Last 24 hrs	Last 24 hrs
DATE	COND.*	TIME	pH	(C°)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	HIGH TEMP.	LOW TEMP.	PRECIP.
4/20/17	C	1:10PM	6.84	60.6	3.65	0.17	0.53		0.16		64.0	48.0	0.34
5/25/17	N	2:00PM	6.87	59.6	6.57	0.05	0.09		0.06		69.0	52.0	0.00
6/15/17	N	1:55PM	7.25	73.4	5.60	0.18	0.05		1.66		91.0	68.0	0.07
8/8/17	N	1:35PM	6.89	68.7	5.48	0.23	0.27		0.11		84.0	58.0	0.00
MAX			7.25	73.4	6.57	0.23	0.53		1.66		91.0	68.0	0.34
AVG.			6.96	65.6	5.33	0.16	0.24		0.50		77.0	56.5	0.10
MIN			6.84	59.6	3.65	0.05	0.05		0.06		64.0	48.0	0.00

* N-Normal	NF-No Flow	S-Sheen	F-Foam	C-Colored
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LOCATION: STEWART POND EFFLUENT

[illegible]

LOCATION: **WESTWOOD @ LENORE**

[illegible]



**LOCATION: PUMP & DAM**

[illegible]

## **ATTACHMENT**

### **STREAM MONITORING**



Lab Streams Daily 3/1/2017 - 2/28/2018	NTP UPSTREAM CBOD MG/L	NTP UPSTREAM Diss Oxygen MG/L	NTP UPSTREAM Fecal Coliform #/100ML	NTP UPSTREAM Fluoride MG/L	NTP UPSTREAM FOGS Total MG/L	NTP UPSTREAM Hardness MG/L	NTP UPSTREAM Ammonia MG/L	NTP UPSTREAM pH SU	NTP UPSTREAM Phosphorus Total MG/L	NTP UPSTREAM Water Temp F DEG F	NTP UPSTREAM Solids TSS MG/L	NTP UPSTREAM Barium MG/L
3/16/2017	<2.00	11.01	950.0	0.42	<1.0	340.0	0.08	7.11	1.33	39.70	8.0	0.035
4/20/2017	3.32	8.35	540.0	0.31	1.6	346.0	0.07	6.64	0.93	58.10	23.2	0.027
6/1/2017	4.06	7.35	121.0		<1.0	404.0	0.26	7.29	1.07	62.40	10.8	0.034
8/24/2017	4.30	7.10	108.0		<1.0	216.0	0.16	7.94	2.53	68.54	7.0	0.027
9/21/2017	<2.00	6.08	230.0		<1.0	250.0	0.16	6.89	2.83	73.04	19.6	0.310
10/16/2017	2.76	7.97	TNTC	0.11	<1.0	118.0	0.12	6.79	0.14	59.50	13.2	0.024
11/9/2017	2.52	9.67	220.0		1.3	270.0	0.07	7.17	2.15	66.60	8.0	0.043
12/7/2017	2.96	10.50	230.0		2.1	410.0	0.08	7.48	1.36	40.82	10.0	0.027
1/18/2018	3.63	11.41	TNTC	0.55	1.0	342.0	0.14	7.34	1.70	36.14	6.0	0.030
2/22/2018	2.70	11.81	1,500.0		1.9	194.0	0.62	7.04	0.35	38.12	28.0	0.036
Sum	<30.25	91.25	>3,899.0	1.38	<12.9	2,890.0	1.77	71.69	14.39	542.96	133.8	0.593
Avg	<3.03	9.13	>322.5	0.35	<1.3	289.0	0.18	7.17	1.44	54.30	13.4	0.059
Max	4.30	11.81	TNTC	0.55	2.1	410.0	0.62	7.94	2.83	73.04	28.0	0.310
Min	<2.00	6.08	>108.0	0.11	<1.0	118.0	0.07	6.64	0.14	36.14	6.0	0.024

Lab Streams Daily 3/1/2017 - 2/28/2018	NTP UPSTREAM Beryllium MG/L	NTP UPSTREAM Cadmium MG/L	NTP UPSTREAM Chromium (total) MG/L	NTP UPSTREAM Copper MG/L	NTP UPSTREAM Iron MG/L	NTP UPSTREAM Lead MG/L	NTP UPSTREAM Manganese MG/L	NTP UPSTREAM Molybdenum UG/L	NTP UPSTREAM Nickel MG/L	NTP UPSTREAM Silver MG/L	NTP UPSTREAM Zinc MG/L
3/16/2017	<0.005	<0.001	0.031	0.008	0.254	0.186	0.037	0.011	0.004	0.0080	0.022
4/20/2017	<0.005	<0.001	0.014	0.006	0.761	0.027	0.060	0.019	0.006	0.0190	0.030
6/1/2017	0.005	<0.001	0.012	0.007	0.548	0.049	0.062	0.011	0.004	0.0030	0.015
8/24/2017	<0.005	0.001	0.017	0.005	0.637	0.032	0.052	0.020	0.008	0.0040	0.026
9/21/2017	<0.005	<0.001	<0.006	0.012	0.088	0.077	0.013	0.020	0.015	<0.0030	0.031
10/16/2017	<0.005	<0.001	0.008	<0.005	0.675	0.048	0.027	0.012	0.011	0.0090	0.022
11/9/2017	<0.005	<0.001	<0.006	<0.005	0.184	0.024	0.028	0.019	0.010	0.0120	0.028
12/7/2017	<0.005	0.001	0.025	0.005	0.305	0.019	0.026	0.020	0.006	<0.0030	0.021
1/18/2018	<0.005	0.001	0.011	0.007	0.321	<0.018	0.040	0.014	0.007	0.0680	0.033
2/22/2018	<0.005	<0.001	0.008	0.008	1.531	0.004	0.051	0.016	0.003	<0.0030	0.016
Sum	<0.050	<0.010	<0.138	<0.068	5.304	<0.484	0.396	0.162	0.074	<0.1320	0.244
Avg	<0.005	<0.001	<0.014	<0.007	0.530	<0.048	0.040	0.016	0.007	<0.0132	0.024
Max	0.005	0.001	0.031	0.012	1.531	0.186	0.062	0.020	0.015	0.0680	0.033
Min	<0.005	<0.001	<0.006	<0.005	0.088	0.004	0.013	0.011	0.003	<0.0030	0.015

Lab Streams Daily 3/1/2017 - 2/28/2018	NTP UPSTREAM Alkalinity MG/L	NTP UPSTREAM Chloride MG/L	NTP UPSTREAM Total Nitrogen MG/L	NTP UPSTREAM Mercury MG/L	NTP UPSTREAM Aroclor 1016 MG/L	NTP UPSTREAM Aroclor 1221 MG/L	NTP UPSTREAM Aroclor 1232 MG/L	NTP UPSTREAM Aroclor 1242 MG/L	NTP UPSTREAM Aroclor 1248 MG/L
3/16/2017	185.0	425.0							
4/20/2017	175.0	219.0							
6/1/2017	175.0	210.0							
8/24/2017	175.0	206.0							
9/21/2017	165.0	206.0							
10/16/2017	120.0	191.0	2.12	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
11/9/2017	165.0	165.0							
12/7/2017	160.0	152.0							
1/18/2018	215.0	307.5							
2/22/2018	275.0	144.0							
Sum	1,810.0	2,225.5	2.12	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Avg	181.0	222.6	2.12	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Max	275.0	425.0	2.12	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Min	120.0	144.0	2.12	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005

Lab Streams Daily 3/1/2017 - 2/28/2018	NTP UPSTREAM Aroclor 1254 MG/L	NTP UPSTREAM Aroclor 1260 MG/L	NTP UPSTREAM DDT MG/L	NTP UPSTREAM Heptachlor MG/L	AJL UPSTREAM CBOD MG/L	AJL UPSTREAM Diss Oxygen MG/L	AJL UPSTREAM Fecal Coliform #/100ML	AJL UPSTREAM Fluoride MG/L	AJL UPSTREAM FOGS Total MG/L	AJL UPSTREAM Hardness MG/L
3/16/2017					<2.0	11.53	2,400.0	0.40	<1.0	340.0
4/20/2017					2.5	8.31	480.0	0.30	4.1	348.0
6/1/2017					3.8	7.09	470.0		<1.0	378.0
8/24/2017					2.5	6.80	73.0		<1.0	224.0
9/21/2017					<2.0	6.04	85.0		1.2	242.0
10/16/2017	<0.0005	<0.0005	<0.0001	<0.00005	2.2	7.41	TNTC	0.11	<1.0	122.0
11/9/2017					<2.0	9.66	2,100.0		<1.0	270.0
12/7/2017					3.2	11.06	2,800.0		<1.0	420.0
1/18/2018					3.3	12.18	TNTC	0.57	2.7	314.0
2/22/2018					2.9	11.77	1,500.0		<1.0	190.0
Sum	<0.0005	<0.0005	<0.0001	<0.00005	<26.3	91.84	>9,908.0	1.37	<15.0	2,848.0
Avg	<0.0005	<0.0005	<0.0001	<0.00005	<2.6	9.18	>644.1	0.34	<1.5	284.8
Max	<0.0005	<0.0005	<0.0001	<0.00005	3.8	12.18	TNTC	0.57	4.1	420.0
Min	<0.0005	<0.0005	<0.0001	<0.00005	<2.0	6.04	>73.0	0.11	<1.0	122.0

Lab Streams Daily 3/1/2017 - 2/28/2018	ALL UPSTREAM Ammonia MG/L	ALL UPSTREAM pH SU	ALL UPSTREAM Phosphorus Total MG/L	ALL UPSTREAM Water Temp F DEG.F	ALL UPSTREAM Solids TSS MG/L	ALL UPSTREAM Barium MG/L	ALL UPSTREAM Beryllium MG/L	ALL UPSTREAM Cadmium MG/L	ALL UPSTREAM Chromium (total) MG/L	ALL UPSTREAM Copper MG/L	ALL UPSTREAM Iron MG/L	ALL UPSTREAM Lead MG/L
3/16/2017	0.14	7.26	1.23	41.00	9.6	0.038	<0.005	<0.001	0.029	0.006	0.317	0.185
4/20/2017	0.08	6.69	0.99	57.90	23.6	0.027	<0.005	<0.001	0.014	0.005	0.758	0.017
6/1/2017	0.18	7.54	1.40	63.00	20.0	0.043	0.005	<0.001	0.019	0.009	0.896	0.052
8/24/2017	0.15	8.07	2.64	69.26	20.0	0.027	<0.005	0.001	0.002	0.004	0.618	0.021
9/21/2017	0.16	7.07	2.64	74.12	19.6	0.029	<0.005	<0.001	<0.006	0.006	0.678	<0.018
10/16/2017	0.14	7.70	0.15	58.80	11.6	0.022	<0.005	<0.001	0.010	<0.005	0.575	0.044
11/9/2017	0.09	7.34	1.99	65.80	8.0	0.050	<0.005	<0.001	0.010	0.005	0.212	0.027
12/7/2017	0.05	6.78	1.27	40.10	14.0	0.027	<0.005	0.001	0.017	0.006	0.390	0.023
1/18/2018	0.12	7.56	1.65	34.52	12.4	0.030	<0.005	0.001	0.017	0.007	0.584	<0.018
2/22/2018	0.42	7.40	0.21	37.58	46.0	0.038	<0.005	<0.001	0.005	0.013	1.727	<0.018
Sum	1.52	73.41	14.17	542.08	184.8	0.331	<0.050	<0.010	<0.129	<0.066	6.755	<0.423
Avg	0.15	7.34	1.42	54.21	18.5	0.033	<0.005	<0.001	<0.013	<0.007	0.676	<0.042
Max	0.42	8.07	2.64	74.12	46.0	0.050	0.005	0.001	0.029	0.013	1.727	0.185
Min	0.05	6.69	0.15	34.52	8.0	0.022	<0.005	<0.001	0.002	0.004	0.212	0.017

Lab Streams Daily 3/1/2017 - 2/28/2018	AJL UPSTREAM Manganese MG/L	AJL UPSTREAM Molybdenum UG/L	AJL UPSTREAM Nickel MG/L	AJL UPSTREAM Silver MG/L	AJL UPSTREAM Zinc MG/L	AJL UPSTREAM Alkalinity MG/L	AJL UPSTREAM Chloride MG/L	AJL UPSTREAM Total Nitrogen MG/L	AJL UPSTREAM Mercury MG/L	AJL UPSTREAM Aroclor 1016 MG/L
3/16/2017	0.041	0.0	0.004	<0.0030	0.024	175.0	410.0			
4/20/2017	0.060	0.0	0.007	<0.0030	0.032	185.0	209.0			
6/1/2017	0.073	0.0	0.006	<0.0030	0.020	185.0	206.0			
8/24/2017	0.047	0.0	0.010	0.0030	0.033	205.0	218.0			
9/21/2017	0.069	0.0	0.014	<0.0030	0.034	200.0	213.0			
10/16/2017	0.021	0.0	0.009	0.0070	0.022	100.0	202.0	2.12	<0.0005	<0.0005
11/9/2017	0.032	0.0	0.008	0.0180	0.033	200.0	176.0			
12/7/2017	0.027	0.0	0.007	0.0030	0.022	175.0	153.0			
1/18/2018	0.041	0.0	0.006	0.0050	0.048	165.0	336.3			
2/22/2018	0.051	0.0	0.003	<0.0030	0.025	225.0	166.0			
Sum	0.462	0.2	0.074	<0.0510	0.293	1,815.0	2,289.3	2.12	<0.0005	<0.0005
Avg	0.046	0.0	0.007	<0.0051	0.029	181.5	228.9	2.12	<0.0005	<0.0005
Max	0.073	0.0	0.014	0.0180	0.048	225.0	410.0	2.12	<0.0005	<0.0005
Min	0.021	0.0	0.003	<0.0030	0.020	100.0	153.0	2.12	<0.0005	<0.0005



Lab Streams Daily 3/1/2017 - 2/28/2018	AJL UPSTREAM Aroclor 1221 MG/L	AJL UPSTREAM Aroclor 1232 MG/L	AJL UPSTREAM Aroclor 1242 MG/L	AJL UPSTREAM Aroclor 1248 MG/L	AJL UPSTREAM Aroclor 1254 MG/L	AJL UPSTREAM Aroclor 1260 MG/L	AJL UPSTREAM DDT MG/L	AJL UPSTREAM Heptachlor MG/L	AJL DOWNSTREAM CBOD MG/L
3/16/2017									<2.0
4/20/2017									<2.0
6/1/2017									3.8
8/24/2017									2.9
9/21/2017									<2.0
10/16/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005	2.6
11/9/2017									<2.0
12/7/2017									3.1
1/18/2018									3.3
2/22/2018									2.7
Sum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005	<26.4
Avg	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005	<2.6
Max	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005	3.8
Min	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005	<2.0

Lab Streams Daily 3/1/2017 - 2/28/2018	AJL DOWNSTREAM Diss Oxygen MG/L	AJL DOWNSTREAM Fecal Coliform #/100ML	AJL DOWNSTREAM Fluoride MG/L	AJL DOWNSTREAM FOGS Total MG/L	AJL DOWNSTREAM Hardness MG/L	AJL DOWNSTREAM Ammonia MG/L	AJL DOWNSTREAM pH SU	AJL DOWNSTREAM Phosphorus Total MG/L	AJL D DOWNSTREAM Water Temp F DEG F	AJL DOWNSTREAM Solids TSS MG/L
3/16/2017	11.73	1,150.0	0.42	<1.0	324.0	0.11	7.09	1.34	40.60	10.0
4/20/2017	8.09	1,135.0	0.29	<1.0	352.0	0.08	6.79	0.97	57.90	21.6
6/1/2017	7.20	460.0		10.0	370.0	0.16	7.89	1.24	63.50	19.6
8/24/2017	6.48	120.0		<1.0	220.0	0.14	8.48	2.70	71.24	22.0
9/21/2017	6.10	290.0		<1.0	242.0	1.58	7.43	2.77	73.58	20.4
10/16/2017	7.42	TNTC	0.13	<1.0	128.0	0.14	7.43	0.16	59.00	12.4
11/9/2017	9.69	1,100.0		<1.0	260.0	0.08	7.71	1.95	66.40	7.2
12/7/2017	11.17	2,700.0		<1.0	460.0	0.05	7.62	1.17	40.82	10.4
1/18/2018	12.28	TNTC	0.45	<1.0	308.0	0.14	7.78	1.61	34.70	9.6
2/22/2018	11.55	1,000.0		<1.0	198.0	0.38	7.00	0.33	37.94	30.0
Sum	91.71	>7,955.0	1.29	<19.0	2,862.0	2.87	75.22	14.24	545.68	163.2
Avg	9.17	>706.5	0.32	<1.9	286.2	0.29	7.52	1.42	54.57	16.3
Max	12.28	TNTC	0.45	10.0	460.0	1.58	8.48	2.77	73.58	30.0
Min	6.10	>120.0	0.13	<1.0	128.0	0.05	6.79	0.16	34.70	7.2



Lab Streams Daily 3/1/2017 - 2/28/2018	AJL DOWNSTREAM Barium MG/L	AJL DOWNSTREAM Beryllium MG/L	AJL DOWNSTREAM Cadmium MG/L	AJL DOWNSTREAM Chromium (total) MG/L	AJL DOWNSTREAM Copper MG/L	AJL DOWNSTREAM Iron MG/L	AJL DOWNSTREAM Lead MG/L	AJL DOWNSTREAM Manganese MG/L	AJL DOWNSTREAM Molybdenum UG/L	AJL DOWNSTREAM Nickel MG/L
3/16/2017	0.039	<0.005	<0.001	0.032	0.006	0.321	0.199	0.037	0.0	0.005
4/20/2017	0.026	<0.005	<0.001	0.014	0.007	0.679	0.022	0.055	0.0	0.005
6/1/2017	0.040	<0.005	<0.001	0.008	0.005	0.552	0.050	0.068	0.0	0.005
8/24/2017	0.029	<0.005	0.001	0.005	<0.005	0.858	0.028	0.057	0.0	0.010
9/21/2017	0.033	<0.005	<0.001	<0.006	0.009	0.195	<0.018	0.017	0.0	0.016
10/16/2017	0.024	<0.005	<0.001	0.018	<0.005	0.624	0.057	0.023	0.0	0.005
11/9/2017	0.052	<0.005	<0.001	0.011	0.005	0.189	0.026	0.031	0.0	0.005
12/7/2017	0.027	<0.005	0.001	0.018	<0.005	0.325	0.019	0.028	0.0	0.010
1/18/2018	0.029	<0.005	0.001	0.025	0.006	0.326	<0.018	0.040	0.0	0.006
2/22/2018	0.039	<0.005	0.001	0.007	0.009	1.625	<0.018	0.054	0.0	0.005
Sum	0.338	<0.050	<0.010	<0.144	<0.062	5.694	<0.455	0.410	0.2	0.072
Avg	0.034	<0.005	<0.001	<0.014	<0.006	0.569	<0.046	0.041	0.0	0.007
Max	0.052	<0.005	0.001	0.032	0.009	1.625	0.199	0.068	0.0	0.016
Min	0.024	<0.005	<0.001	0.005	<0.005	0.189	<0.018	0.017	0.0	0.005

Lab Streams Daily 3/1/2017 - 2/28/2018	A.J.L. DOWNSTREAM Silver MG/L	A.J.L. DOWNSTREAM Zinc MG/L	A.J.L. DOWNSTREAM Alkalinity MG/L	A.J.L. DOWNSTREAM Chloride MG/L	A.J.L. DOWNSTREAM Total Nitrogen MG/L	A.J.L. DOWNSTREAM Mercury MG/L	A.J.L. DOWNSTREAM Atraclor 1016 MG/L	A.J.L. DOWNSTREAM Atraclor 1221 MG/L	A.J.L. DOWNSTREAM Atraclor 1232 MG/L
3/16/2017	0.0050	0.023	165.0	395.0					
4/20/2017	0.0040	0.016	19.0	212.0					
6/1/2017	0.0050	0.016	190.0	211.0					
8/24/2017	0.0100	0.038	210.0	227.0					
9/21/2017	<0.0030	0.034	205.0	223.0					
10/16/2017	0.0090	0.026	90.0	194.0	2.08	<0.0005	<0.0005	<0.0005	<0.0005
11/9/2017	0.0090	0.033	180.0	168.0					
12/7/2017	<0.0030	0.017	185.0	151.0					
1/18/2018	0.0100	0.026	180.0	312.5					
2/22/2018	<0.0030	0.021	235.0	170.0					
Sum	<0.0610	0.250	1,659.0	2,263.5	2.08	<0.0005	<0.0005	<0.0005	<0.0005
Avg	<0.0061	0.025	165.9	226.4	2.08	<0.0005	<0.0005	<0.0005	<0.0005
Max	0.0100	0.038	235.0	395.0	2.08	<0.0005	<0.0005	<0.0005	<0.0005
Min	<0.0030	0.016	19.0	151.0	2.08	<0.0005	<0.0005	<0.0005	<0.0005

Lab Streams Daily 3/1/2017 - 2/28/2018	AJL DOWNSTREAM Aroclor 1242 MG/L	AJL DOWNSTREAM Aroclor 1248 MG/L	AJL DOWNSTREAM Aroclor 1254 MG/L	AJL DOWNSTREAM Aroclor 1260 MG/L	AJL DOWNSTREAM DDT MG/L	AJL DOWNSTREAM Heptachlor MG/L
3/16/2017						
4/20/2017						
6/1/2017						
8/24/2017						
9/21/2017						
10/16/2017	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005
11/9/2017						
12/7/2017						
1/18/2018						
2/22/2018						
Sum	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005
Avg	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005
Max	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005
Min	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.00005