

Agency Name: Village of Addison

Minimum Control Measures. At a minimum provide the following information. Feel free to include additional information.

- 1. How do you provide water quality brochures to the public? In office, online, or both?**

Both

- 2. DuPage County hosts events and participates in municipal & township education and outreach events on behalf of partnering MS4. List any additional community events you participated in or hosted.**

An annual public meeting (virtual) was held on February 18, 2021.

- 3. DuPage County sponsors countywide volunteer programs such as Adopt a Stream and the Storm Drain Stenciling programs. List any additional volunteer programs you coordinate or sponsor.**

The Village of Addison, in conjunction with Boy Scout Troop 410, conducted a local River Sweep event in Westwood Creek on August 17, 2020. We collected approximately 13, 30-gallon trash bags of debris from Westwood Creek. Our Environmental Services Division assisted in the coordination of the event as well the removal of debris. Our Public Works Streets Division disposed of all refuse.

- 4. DuPage County hosts stakeholder meetings and workshops at various locations throughout the year. List any additional meetings you hosted.**

A training session on storm water pollution prevention was held with Public Works employees on June 10, 2020 virtually due to COVID-19. The training focused on Pollution Prevention training for MS4 communities and was hosted by DuPage County Stormwater Management.

A training session was held on December 11, 2020 for our Streets Dept. The session was focused on the deicing of public roads and chloride reduction in our streams.

- 5. DuPage County conducts outfall inspections on behalf of permit partners for Illicit Discharge Detection and Elimination Program. Please list any additional inspections or if there were enforcement actions taken.**

Addison staff conducted multiple inspections of the Village's 21 primary outfalls during this reporting period. See the attached summary for 2020 Primary Outfalls.

- 6. Did your agency issue development permits for sites over 1 acre permit during the reporting year? (If no skip to #11)**

Yes

7. Was every site over 1 acre required to provide soil erosion and sediment control measures?

Yes

8. Did your agency conduct a soil erosion and sediment control plan review?

Yes

9. Did you investigate all soil erosion and sediment control complaints received during the reporting year?

Yes

10. Were construction sites inspected to ensure that soil erosion and sediment control requirements were being met?

Yes

11. Does your agency issue permits for post construction best management practices? (If no skip to #16)

Yes

12. Were easements required over all site runoff storage facilities over one acre?

Yes

13. Were three-year maintenance and monitoring periods required over BMPs containing native vegetation?

Yes

14. Were these sites inspected during the establishment period?

Yes, they were inspected by consulting personnel.

15. Did the supervisors who oversee maintenance of public surfaces attend a training on current green infrastructure, pollution prevention, and/or the de-icing workshop?

Yes

16. Did your agency follow an established good housekeeping program of inspection and maintenance of equipment and facilities?

Yes

17. List any construction projects that your entity has paid for during the reporting period

Annual street maintenance program (various streets).

Meier's Farm Concrete Swale Replacement.

Storm Sewer Improvements along Byron Ave, between Rt 53 and Jo Ann Ln.

Rozanne Drive Bridge Replacement over Westwood Creek.

18. Additional information you would like to provide? Feel free to include attachments.

See attached documents.

MARCH 2020 – FEBRUARY 2021

MS4 ANNUAL REPORT

ADDITIONAL ITEMS FROM PUBLIC WORKS/ ENV. SERVICES

A. PUBLIC EDUCATION AND OUTREACH

(Nothing to report from PW/Environmental Services)

B. PUBLIC PARTICIPATION/INVOLVEMENT

A public participation event took place on August 17th, 2020. The Village of Addison, in conjunction with Boy Scout Troop 410, conducted a local River Sweep event in Westwood Creek. We collected approximately 13, 30-gallon trash bags of debris from Westwood Creek. Our Environmental Services Division assisted in the coordination of the event as well the removal of debris. Our Public Works Streets Division disposed of all refuse.

C. ILLICIT DISCHARGE DETECTION AND ELIMINATION (IDDE)

The development of an illicit discharge detection and elimination (IDDE) program has been completed and a local IDDE manual has been submitted with the 2016 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 Village of Addison had identified 122 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:

- On 3/3/20, Environmental Services investigated an odor complaint coming from a storm water basin. The septic system at 19W640 Army Trail Rd. failed and sewage has saturated the backyard. The DuPage Co. Health Dept. has been notified and are working with the resident.
- On 5/18/20, Environmental Services received a complaint from the resident at 740 W Seventh Ave. The complaint was concerning the flooding issues brought, allegedly, about by the resident at 19W620 Byron. Community Development was notified and meetings will follow to determine a resolution to the problem.

- On 6/1/20, Environmental Services received a call from the EPA concerning a complaint against a company located at 300 W Fay. The company was inspected and no evidence was found of any illegal dumping. A spill control plan, as well as waste manifests to ensure compliance, were requested by the Village of Addison. The company was also warned that only storm water may enter our storm sewer system. Any semi-tractors washed on site must have containment for the wash water. Monitoring of the issue has continued.
- On 6/13/20, Environmental Services received was notified of an oil and grease spill at 1050 N Rohlwing Rd. The grease spill was caused by the business at 1070 N Rohlwing Rd. IPT personnel supervised the cleanup to ensure compliance with our storm water codes.
- In July 2020, flooding issues on Addison Rd. were investigated by Environmental Services. The area affected by flooding is directly in front of 875 Addison Rd. A missing restrictor in a storm water manhole owned by a company just south of the Addison city limits was identified. The company at 880 N Addison Rd. has been instructed by the Village of Villa Park to re-install the restrictor. The other cause of the flooding is the right of way located behind the businesses at 50 – 80 Fay. The renters of the property have paved the area with gravel thus creating large amounts of storm water runoff that travels to the east onto Addison Rd. causing flooding. We are working with all parties involved to quickly stop these flooding issues.
- On 9/1/20, Environmental Services was notified about a dig near 4N 242 6th St. The truck on-site leaked hydraulic fluid onto the street. IPT personnel covered the spill with oil absorbing materials and were able to remove the hydraulic fluid before entering the storm system.
- On 9/15/20, 1470 W Bernard Dr. was witnessed dumping their floor washings outside. Upon further investigation, the company was also draining their reverse osmosis water purification system outside. The company was informed of the penalties for their illegal discharges and have since, ceased.
- On 10/14/20, two power poles, one containing a transformer, were knocked down at Lombard and Woodland by a semi-truck. The transformer leaked oil onto the road. The oil was cleaned up without any oil leaking into the storm system.
- On 12/7/20, the resident at 4N153 Catalpa received a “cease and desist” letter and was given 30 days discontinue discharging raw sewage into the storm system by fixing their septic tank or providing the proper paperwork necessary for annexation and permits to request access to Village utilities. The resident is in the process of submitting paperwork and payment to Community Development to annex into the Village.
- On 2/10/21, a garbage truck had a hydraulic fluid leak on Church, Natoma, May, and Army Trail. IPT personnel inspected the spill. The contractor was contacted and informed

to return to the site to properly clean the spill. The contractor responded and completed the work.

- On 2/16/21, the Addison Fire Department requested Environmental Services at 100 W. Lake St. IPT personnel responded to a diesel spill caused by a punctured saddle tank on the side of a truck. The driver called Maximum Towing and Recovery for a clean-up in the parking lot. Hazchem responded to vacuum out the storm basins and to place booms in the storm water manholes. IPT personnel remained on site to ensure compliance.

Finally, the Village also performed periodic grab sampling and analysis at 21 of the 121 outfall points. A total of 61 screening samples were collected and 462 different field analyses were performed. Parameters tested included Metals, D.O., Temperature, Ammonia, Nitrate, Phosphate, Turbidity and pH. A summary of the monitoring data collected is attached in Section C. There were no high levels reported during the testing.

F. POLLUTION PREVENTION/GOOD HOUSEKEEPING

A training session on storm water pollution prevention was held with Public Works employees on June 10, 2020 virtually due to COVID-19. The training focused on Pollution Prevention training for MS4 communities and was hosted by DuPage County Stormwater Management.

A training session was held on December 11, 2020 for our Streets Dept. The session was focused on the deicing of public roads and chloride reduction in our streams.

The annual public meeting was held on February 18, 2021 virtually due to COVID-19

A summary of the reportable data for several of the municipal activities is as follows:
(Next page)

**ANNUAL MS4 REPORT – MUNICIPAL OPERATIONS REPORT
TIME PERIOD: MARCH 1, 2020 TO FEBRUARY 28, 2021**

Street Sweeping (Minimum Control F.3):

4,860 Curb miles cleaned

5,400 Tons of debris removed from streets

Salt Usage (Minimum Control F.3):

3,045 Tons of salt used

11 Number of snow events (2" or greater)

9 Number of ice events

277 Tons of salt used per event

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

482 # of Storm Sewer Catch Basins/Inlets cleaned and pumped (out of 2200)

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

Training (Minimum Control F.1):

√ Completed Pollution Prevention training for MS4 communities employees (Date: 6-10-20)

√ Completed annual Salt Usage/Salt Loading training (Date: 12-11-20)

√ Completed annual Public Meeting (Date: 2-18-21)

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

(See attached)



LOCATION: **18" SOUTH OF FULLERTON**

		PHYS.		TEMP	DIS. OXY.	COPPER	ZINC	NITRATE	PHOS	CHROME	Last 24 hrs	Last 24 hrs	Last 24 hrs
<u>DATE</u>	<u>TIME</u>	<u>COND.</u>	<u>pH</u>	<u>(C°)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>HIGH TEMP.</u>	<u>LOW TEMP.</u>	<u>PRECIP.</u>
4/8/20	10:30AM	NF									74.0	56.0	0.50
5/11/20	2:55PM	NF									51.0	41.0	0.25
6/16/20	1:50PM	NF									85.0	65.0	0.00
7/21/20	2:30PM	NF									82.0	76.0	0.00
MAX											85.0	76.0	0.50
AVG.											73.0	59.5	0.19
MIN											51.0	41.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **24" LAKE STREET**

		PHYS.		TEMP	DIS. OXY.	COPPER	ZINC	PHOS	NH4	Last 24 hrs	Last 24 hrs	Last 24 hrs
<u>DATE</u>	<u>TIME</u>	<u>COND.*</u>	<u>pH</u>	<u>(C°)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>HIGH TEMP.</u>	<u>LOW TEMP.</u>	<u>PRECIP.</u>
4/7/20	2:45PM	NF								80.0	51.0	0.00
5/11/20	10:40AM	N	7.63	22.3	5.43	0.04	0.16	170.0	0.03	51.0	41.0	0.25
6/9/20	2:00PM	NF								89.0	70.0	0.00
7/21/20	3:15PM	NF								82.0	76.0	0.00
MAX			7.63	22.3	5.43	0.04	0.16	170.0	0.03	89.0	76.0	0.25
AVG.			7.63	22.3	5.43	0.04	0.16	170.0	0.03	75.5	59.5	0.06
MIN			7.63	22.3	5.43	0.04	0.16	170.0	0.03	51.0	41.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: 36" @333 VILLA (AJL)

		PHYS.		TEMP	DIS. OXY.	COPPER	ZINC	PHOS	Last 24 hrs	Last 24 hrs	Last 24 hrs
DATE	TIME	COND.*	pH	(C°)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	HIGH TEMP.	LOW TEMP.	PRECIP.
4/29/20	9:00AM	N	7.84	10.2	7.55	0.05	0.12	68.0	61.0	43.0	0.52
5/11/20	2:35PM	N	7.34	11.2	9.45	0.03	0.16	89.0	51.0	41.0	0.25
6/9/20	10:10AM	N	7.71	23.9	5.27	0.04	0.09	144.0	89.0	70.0	0.00
8/19/20	9:00AM	N	7.83	28.7	4.60	0.07	0.10	40.0	82.0	63.0	0.00
MAX			7.84	28.7	9.45	0.07	0.16	144.0	89.0	70.0	0.52
AVG.			7.68	18.5	6.72	0.05	0.12	85.3	70.8	54.3	0.19
MIN			7.34	10.2	4.60	0.03	0.09	40.0	51.0	41.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **42" SOUTH OF CHERRY**

		PHYS.		TEMP	DIS. OXY.	COPPER	ZINC	NITRATE	PHOS	NH3	Last 24 hrs	Last 24 hrs	Last 24 hrs
DATE	TIME	COND.*	pH	(C°)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	HIGH TEMP.	LOW TEMP.	PRECIP.
4/8/20	10:15AM	N	7.86	12.2	7.58	0.16	0.59	2.00	16.0	0.03	74.0	56.0	0.50
5/26/20	1:00PM	N	7.36	21.4	5.67	0.01	0.20	0.00	178.0	0.03	92.0	68.0	0.00
6/17/20	10:10AM	NF									86.0	65.0	0.00
8/19/20	9:40 AM	NF									82.0	63.0	0.00
MAX			7.86	21.4	7.58	0.16	0.59	2.00	178.0	0.03	92.0	68.0	0.50
AVG.			7.61	16.8	6.63	0.09	0.40	1.00	97.0	0.03	83.5	63.0	0.13
MIN			7.36	12.2	5.67	0.01	0.40	0.00	16.0	0.03	74.0	56.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **48" ADDISON & LORRAINE**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp (C°)</u>	<u>D.O. (Mg/L)</u>	<u>Copper (Mg/L)</u>	<u>Zinc (Mg/L)</u>	<u>Phos (Mg/L)</u>	<u>Chrome (Mg/L)</u>	<u>Last 24 hrs High Temp</u>	<u>Last 24 hrs Low Temp</u>	<u>Last 24 hrs Precip</u>
4/8/20	10:00AM	N	7.34	12.7	8.20	0.08	0.13	12.8	0.14	74.0	56.0	0.50
5/20/20	1:00PM	N	8.08	16.7	8.45	0.08	0.22	33.0	0.04	65.0	54.0	0.11
6/15/20	11:00AM	N	7.57	17.3	7.21	1.22*	0.09	162.0	0.01	73.0	52.0	0.00
8/18/20	1:00PM	NF								77.0	68.0	0.00
MAX			8.08	17.3	8.45	0.08	0.22	162.0	0.14	77.0	68.0	0.50
AVG.			7.66	15.6	7.95	0.08	0.15	69.3	0.06	72.3	57.5	0.15
MIN			7.34	12.7	7.21	0.08	0.09	12.8	0.01	65.0	52.0	0.15

N-Normal NF- No Flow S-Sheen F-Foam C-Colored

* NO COLOR CHANGE TEST CLOUDY



LOCATION: **54" ADDISON & ARMITAGE**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp</u> <u>(C°)</u>	<u>D.O.</u> <u>(Mg/L)</u>	<u>Copper</u> <u>(Mg/L)</u>	<u>Zinc</u> <u>(Mg/L)</u>	<u>Phos</u> <u>(Mg/L)</u>	<u>Last 24 hrs</u> <u>High Temp</u>	<u>Last 24 hrs</u> <u>Low Temp</u>	<u>Last 24 hrs</u> <u>Precip</u>
4/28/20	1:00PM	NF							75.0	48.0	0.16
5/11/20	10:20AM	N	8.25	12.5	8.57	0.05	0.01	62.00	51.0	41.0	0.25
6/15/20	11:10AM	NF							73.0	52.0	0.00
8/18/20	10:35AM	NF							77.0	68.0	0.00
MAX			8.25	12.5	8.57	0.05	0.01	62.00	77.0	68.0	0.25
AVG.			8.25	12.5	8.57	0.05	0.01	62.00	69.0	52.3	0.10
MIN			8.25	12.5	8.57	0.05	0.01	62.00	51.0	41.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: 72" ODEUM

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp</u> <u>(C°)</u>	<u>D.O.</u> <u>(Mg/L)</u>	<u>Copper</u> <u>(Mg/L)</u>	<u>Zinc</u> <u>(Mg/L)</u>	<u>Nitrate</u> <u>(Mg/L)</u>	<u>Phos</u> <u>(Mg/L)</u>	<u>Last 24 hrs</u> <u>High Temp</u>	<u>Last 24 hrs</u> <u>Low Temp</u>	<u>Last 24 hrs</u> <u>Precip</u>
4/7/20	3:00PM	NF								80.0	51.0	0.00
5/11/20	2:55PM	N	7.85	11.9	8.15	0.02	0.13	0.00	38.00	51.0	41.0	0.25
6/15/20	2:10PM	N	7.95	24.4	7.95	0.10	0.52*	0.00	162.00	73.0	52.0	0.00
8/17/20	1:30PM	N	7.72	25.6	8.90	0.06	0.14	0.00	0.37	85.0	70.0	0.00
MAX			7.95	25.6	8.90	0.10	0.14	0.00	162.00	85.0	70.0	0.25
AVG.			7.84	20.6	8.33	0.06	0.14	0.00	66.79	72.3	53.5	0.06
MIN			7.72	11.9	7.95	0.02	0.13	0.00	0.37	51.0	41.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored

* TEST CLOUDY NO COLOR CHANGE



LOCATION: **CENTENNIAL POND**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp (C°)</u>	<u>D.O. (Mg/L)</u>	<u>Copper (Mg/L)</u>	<u>Zinc (Mg/L)</u>	<u>Nitrate (Mg/L)</u>	<u>Phos (Mg/L)</u>	<u>Algae %</u>	<u>Last 24 hrs High Temp</u>	<u>Last 24 hrs Low Temp</u>	<u>Last 24 hrs Precip</u>
4/27/20	8:00AM	N	7.81	10.8	9.75	0.12	0.07	0.00	74.00	0.0%	67.0	40.0	0.10
5/17/20	2:00PM	N	7.95	25.5	9.10	0.04	0.15	0.00	56.00	0.0%	68.0	53.0	1.15
6/8/20	9:45AM	N	7.70	24.2	5.67	0.05	0.21	0.00	62.00	0.0%	90.0	62.0	0.00
8/12/20	11:00AM	N	8.10	25.4	7.0	0.05	0.28	0.50	49.00		86.0	64.0	0.00
MAX			8.10	25.5	9.8	0.12	0.28	0.50	74.00	0.0%	90.0	64.0	1.15
AVG.			7.89	21.5	7.9	0.07	0.18	0.50	60.25	0.0%	77.8	54.8	0.31
MIN			7.70	10.8	5.7	0.04	0.07	0.50	49.00	0.0%	67.0	40.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **DAVEA POND**

				Temp	D.O.	Copper	Zinc	Nitrate	Phos	Algae	Last 24 hrs	Last 24 hrs	Last 24 hrs
<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>(C°)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>%</u>	<u>High Temp</u>	<u>Low temp</u>	<u>Precip</u>
4/6/20	1:50PM	N	8.06	13.8	14.20	0.01	0.35	0.00	16.60	0.0%	64.0	35.0	0.00
5/17/20	9:00AM	N	8.09	14.9	12.45	0.01	0.12	0.00	20.00	5.0%	68.0	53.0	1.15
6/8/20	9:54AM	N	8.36	24.7	7.52	0.01	0.13	0.00	164.00	5.0%	90.0	62.0	0.00
7/23/20	9:20AM	N	8.03	24.2	4.03	0.03	0.16	0.00	29.50	30.0%	81.0	73.0	0.00
MAX			8.36	24.7	14.20	0.03	0.35	0.00	164.00	30.0%	90.0	73.0	1.15
AVG.			8.14	19.4	9.55	0.02	0.19	0.00	57.53	10.0%	75.8	55.8	0.29
MIN			8.03	13.8	4.03	0.01	0.12	0.00	16.60	0.0%	64.0	35.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION **DIVERSEY AVE PUMP STATION**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp</u> <u>(C°)</u>	<u>D.O.</u> <u>(Mg/L)</u>	<u>Copper</u> <u>(Mg/L)</u>	<u>Zinc</u> <u>(Mg/L)</u>	<u>Phos</u> <u>(Mg/L)</u>	<u>Last 24 hrs</u> <u>High Temp</u>	<u>Last 24 hrs</u> <u>Low Temp</u>	<u>Last 24 hrs</u> <u>Precip</u>
4/8/2020	2:10 PM	N	8.12	14.4	9.89	0.30	0.08	12.8	74.0	56.0	0.50
4/30/20	9:30AM	N	8.28	10.2	9.03	0.05	0.16	78.0	55.0	43.0	0.25
6/9/20	1:50PM	NF							89.0	70.0	0.00
7/14/20	10:45AM	NF							85.0	77.0	0.00
MAX			8.28	14.4	9.89	0.30	0.16	78.0	89.0	77.0	0.50
AVG.			8.20	12.3	9.46	0.18	0.12	45.4	75.8	61.5	0.19
MIN			8.12	10.2	9.03	0.05	0.08	12.8	55.0	43.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **FULLERTON AT FAIRBANK**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp</u> (C°)	<u>D.O.</u> (Mg/L)	<u>Copper</u> (Mg/L)	<u>Zinc</u> (Mg/L)	<u>Phos</u> (Mg/L)	<u>Last 24 hrs</u> <u>High Temp</u>	<u>Last 24 hrs</u> <u>Low Temp</u>	<u>Last 24 hrs</u> <u>Precip</u>
4/27/20	2:10PM	N	8.15	12.9	11.75	0.09	0.04	15.6	67.0	40.0	0.10
5/11/20	9:10AM	N	8.09	9.3	9.60	0.01	0.36	118.0	51.0	41.0	0.25
6/16/20	2:10PM	N	7.82	19.7	6.68	0.20	0.04	58.0	85.0	65.0	0.00
8/25/20	9:55AM	N	7.68	23.1	5.55	0.06	0.04	24.0	89.0	73.0	0.03
MAX			8.15	23.1	11.75	0.20	0.36	118.0	89.0	73.0	0.25
AVG.			7.94	16.3	8.40	0.09	0.12	53.9	73.0	54.8	0.10
MIN			7.68	9.3	5.55	0.01	0.04	15.6	51.0	40.0	0.13

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **FULLERTON @ STEWART**

				Temp	D.O.	Copper	Zinc	Nitrate	Phos	Last 24 hrs	Last 24 hrs	Last 24 hrs
<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>(C°)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>High Temp</u>	<u>Low Temp</u>	<u>Precip</u>
4/28/20	N	9:45AM	7.73	13.6	6.26	0.07	0.07	0.00	96.0	75.0	48.0	0.90
5/20/20	N	2:00PM	6.34	16.6	3.60	0.04	0.16	0.00	33.0	65.0	54.0	0.11
6/17/20	N	2:30PM	7.15	25.1	4.44	0.05	0.01	0.00	158.0	86.0	65.0	0.00
MAX			7.73	25.1	6.26	0.07	0.16	0.00	158.0	86.0	65.0	0.90
AVG.			7.07	18.4	4.77	0.05	0.08	0.00	95.7	75.3	55.7	0.34
MIN			6.34	13.6	3.60	0.04	0.01	0.00	33.0	65.0	48.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **HAMPTON**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp (C°)</u>	<u>D.O. (Mg/L)</u>	<u>Copper (Mg/L)</u>	<u>Zinc (Mg/L)</u>	<u>Nitrate (Mg/L)</u>	<u>Phos (Mg/L)</u>	<u>Last 24 hrs High Temp</u>	<u>Last 24 hrs Low Temp</u>	<u>Last 24 hrs Precip</u>
4/7/20	9:55 AM	N	7.34	16.2	7.35	0.06	0.07	0.00	16.0	80.0	51.0	0.00
5/17/20	2:50PM	N	7.78	20.7	7.76	0.11	0.14	0.00	46.0	68.0	53.0	1.15
6/11/20	10:45AM	N	8.09	23.2	6.96	0.04	0.03	0.00	120.0	81.0	59.0	0.00
7/29/20	10:30AM	N	7.93	25.7	2.88	0.03	0.35	0.00	75.0	89.0	73.0	0.00
MAX			8.09	25.7	7.76	0.11	0.35	0.00	120.0	89.0	73.0	1.15
AVG.			7.79	21.5	6.24	0.06	0.15	0.00	64.3	79.5	59.0	0.29
MIN			7.34	16.2	2.88	0.03	0.03	0.00	16.0	68.0	51.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored

** no color change

7/11/2019 NF *** Pond Sample



LOCATION: LAKE MANOR POND

				Temp	D.O.	Copper	Zinc	NH3	Phos	Algae	Last 24 hrs	Last 24 hrs	Last 24 hrs
Date	Time	Cond	pH	(C°)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	(Mg/L)	%	High Temp	Low Temp	Precip
4/27/20	09:50AM	N	7.71	11.4	11.60	0.05	0.04	0.03	22.00	0.0%	67.0	40.0	0.10
5/8/20	10:30AM	N	7.46	16.9	8.74	0.06	0.01	0.03	22.00	0.0%	45.0	35.0	0.00
6/10/20	10:55AM	N	8.19	22.2	5.72	0.05	0.08	0.03	176.00	15.0%	83.0	62.0	0.56
7/22/20	3:30PM	N	7.45	26.1	2.71	0.01	0.15	0.05	16.50	0.0%	87.0	78.0	0.03
MAX			8.19	26.1	11.60	0.06	0.15	0.05	176.00	15.0%	87.0	78.0	0.56
AVG.			7.70	19.2	7.19	0.04	0.07	0.04	59.13	3.8%	70.5	53.8	0.17
MIN			7.45	11.4	2.71	0.01	0.01	0.03	16.50	0.0%	45.0	35.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored

** Pond water is orange colored by the bridge. Color due to harmless Fe bacteria. Pockets of oily orange slime.



LOCATION: **MYRIC AVE. PUMP STATION**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp</u> <u>(C°)</u>	<u>D.O.</u> <u>(Mg/L)</u>	<u>Copper</u> <u>(Mg/L)</u>	<u>Zinc</u> <u>(Mg/L)</u>	<u>Nitrate</u> <u>(Mg/L)</u>	<u>Phos</u> <u>(Mg/L)</u>	<u>Chrome</u> <u>(Mg/L)</u>	<u>Last 24 hrs</u> <u>High Temp</u>	<u>Last 24 hrs</u> <u>Low Temp</u>	<u>Last 24 hrs</u> <u>Precip</u>
4/7/20	2:35PM	NF									80.0	51.0	0.00
5/8/20	9:30AM	NF									45.0	35.0	0.00
6/9/20	1:50PM	NF									89.0	70.0	0.00
7/14/20	11:00AM	NF									85.0	77.0	0.00
MAX											89.0	77.0	0.00
AVG.											74.8	58.3	0.00
MIN											45.0	35.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **OPUS POND EFFLUENT**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp (C°)</u>	<u>D.O. (Mg/L)</u>	<u>Copper (Mg/L)</u>	<u>Zinc (Mg/L)</u>	<u>Nitrate (Mg/L)</u>	<u>Phos (Mg/L)</u>	<u>Algae %</u>	<u>Last 24 hrs High Temp</u>	<u>Last 24 hrs Low Temp</u>	<u>Last 24 hrs Precip</u>
4/6/20	2:35PM	N	8.03	13.8	14.20	0.01	0.35	0.00	16.60	0.0%	64.0	35.0	0.00
5/17/20	10:00AM	N	8.32	13.8	9.70	0.03	0.09	0.00	26.00	5.0%	68.0	53.0	1.15
6/5/20	10:00AM	N	8.01	26.3	6.82	0.06	0.16	0.00	56.00	10.0%	89.0	70.0	0.00
7/23/20	10:00AM	N	9.87	29.5	13.19	0.01	0.15	0.50	22.50	40.0%	81.0	73.0	0.00
MAX			9.87	29.5	14.20	0.06	0.35	0.50	56.00	40.0%	89.0	73.0	1.15
AVG.			8.56	20.9	10.98	0.03	0.19	0.13	30.28	13.8%	75.5	57.8	0.29
MIN			8.01	13.8	6.82	0.01	0.09	0.25	16.60	0.0%	64.0	35.0	0.00

N-Normal NF- No Flow S-Sheen F-Foam C-Colored



LOCATION: **REPUBLIC CURVE**

				Temp	D.O.	Copper	Zinc	Phos	Last 24 hrs	Last 24 hrs	Last 24 hrs
<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>(C°)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>(Mg/L)</u>	<u>High Temp</u>	<u>Low Temp</u>	<u>Precip</u>
4/28/20	9:55AM	N	8.00	12.8	7.60	0.05	0.16	148.00	75.0	48.0	0.90
5/12/20	2:00PM	N	7.60	12.1	7.30	0.08	0.14	104.00	62.0	41.0	0.00
6/11/20	10:15AM	N	6.98	19.4	5.09	0.08	0.01	146.00	81.0	59.0	0.00
8/17/20	9:35AM	N	7.37	21.8	5.20	0.01	0.48	87.00	85.0	70.0	0.00
MAX			8.00	21.8	7.60	0.08	0.48	148.00	85.0	70.0	0.90
AVG.			7.49	16.5	6.30	0.06	0.20	121.25	75.8	54.5	0.23
MIN			6.98	12.1	5.09	0.01	0.01	87.00	62.0	41.0	0.00

N - Normal NF - No Flow S - Sheen F - Foam C - Colored



LOCATION: **STEWART POND EFFLUENT**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp</u> <u>(C°)</u>	<u>D.O.</u> <u>(Mg/L)</u>	<u>Copper</u> <u>(Mg/L)</u>	<u>Zinc</u> <u>(Mg/L)</u>	<u>Phos</u> <u>(Mg/L)</u>	<u>Algae</u> <u>%</u>	<u>Last 24 hrs</u> <u>High Temp</u>	<u>Last 24 hrs</u> <u>Low Temp</u>	<u>Last 24 hrs</u> <u>Precip</u>
4/28/20	10:30AM	N	7.72	16.6	8.05	0.03	0.03	0.29	0.0%	75.0	48.0	0.90
5/11/20	3:10PM	N	7.44	17.1	9.86	0.03	0.41	70.00	0.0%	51.0	41.0	0.20
6/5/20	9:05AM	N	7.91	25.4	4.91	0.02	0.08	124.00	0.0%	89.0	70.0	0.00
7/16/20	9:35AM	N	7.37	21.8	3.51	0.01	0.28	34.50	0.0%	85.0	68.0	0.46
MAX			7.91	25.4	9.86	0.03	0.41	124.00	0.0%	89.0	70.0	0.90
AVG.			7.61	20.2	6.58	0.02	0.20	57.20	0.0%	75.0	56.8	0.39
MIN			7.37	16.6	3.51	0.01	0.03	0.29	0.0%	51.0	41.0	0.00

N - Normal NF - No Flow S - Sheen F - Foam C - Colored A - Algae and % of Pond



LOCATION: **WESTWOOD @ HOLTZ**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp (C°)</u>	<u>D.O. (Mg/L)</u>	<u>Copper (Mg/L)</u>	<u>Zinc (Mg/L)</u>	<u>Nitrate (Mg/L)</u>	<u>Phos (Mg/L)</u>	<u>NH3 (Mg/L)</u>	<u>Last 24 hrs High Temp</u>	<u>Last 24 hrs Low Temp</u>	<u>Last 24 hrs Precip</u>
4/27/20	1:40PM	N	8.06	14.1	9.19	0.12	0.12	0.00	14.40	0.03	67.0	40.0	0.10
5/13/20	2:30PM	N	7.76	15.7	8.15	0.06	0.20	0.00	54.00	0.03	68.0	43.0	0.00
6/10/20	10:35AM	N	7.86	21.4	5.62	0.04	0.15	0.50	158.00	0.03	83.0	62.0	0.56
7/20/20	2:40PM	N	8.26	22.9	6.78	0.03	0.15	0.00	22.50	0.03	85.0	78.0	0.18
MAX			8.26	22.9	9.19	0.12	0.20	0.50	158.00	0.03	85.0	78.0	0.56
AVG.			7.99	18.5	7.44	0.06	0.16	0.13	62.23	0.03	75.8	55.8	0.21
MIN			7.76	14.1	5.62	0.03	0.12	0.00	14.40	0.03	67.0	40.0	0.00

N - Normal NF - No Flow S - Sheen F - Foam C - Colored



LOCATION: **WESTWOOD @ LENORE**

<u>Date</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp (C°)</u>	<u>D.O. (Mg/L)</u>	<u>Copper (Mg/L)</u>	<u>Zinc (Mg/L)</u>	<u>Phos (Mg/L)</u>	<u>NH3 (Mg/L)</u>	<u>Last 24 hrs High Temp</u>	<u>Last 24 hrs Low Temp</u>	<u>Last 24 hrs Precip</u>
4/7/20	9:30AM	N	7.66	13.3	9.17	0.06	0.10	0.96	0.03	80.0	51.0	0.00
5/5/20	10:50AM	N	7.92	11.0	9.52	0.05	0.14	70.00	0.03	48.0	42.0	0.04
6/10/20	10:35AM	N	7.57	23.2	3.33	0.01	0.12	46.00	0.03	83.0	62.0	0.56
7/20/20	2:00PM	N	8.24	25.8	5.91	0.08	0.21	47.00	0.03	85.0	78.0	0.18
MAX			8.24	25.8	9.52	0.08	0.21	70.00	0.03	85.0	78.0	0.56
AVG.			7.85	18.3	6.98	0.05	0.14	40.99	0.03	74.0	58.3	0.20
MIN			7.57	11.0	3.33	0.01	0.10	0.96	0.03	48.0	42.0	0.00

N - Normal NF - No Flow S - Sheen F - Foam C - Colored




LOCATION: **PUMP & DAM**


<u>Dste</u>	<u>Time</u>	<u>Cond</u>	<u>pH</u>	<u>Temp</u> <u>(C°)</u>	<u>D.O.</u> <u>(Mg/L)</u>	<u>Copper</u> <u>(Mg/L)</u>	<u>Zinc</u> <u>(Mg/L)</u>	<u>Phos</u> <u>(Mg/L)</u>	<u>NH4</u> <u>(Mg/L)</u>	<u>Last 24 hrs</u> <u>High Temp</u>	<u>Last 24 hrs</u> <u>Low Temp</u>	<u>Last 24 hrs</u> <u>Precip</u>
4/28/20	3:10PM	N	7.57	16.3	7.98	0.05	0.01		0.03	75.0	48.0	0.90
5/27/20	2:30PM	N	7.75	27.8	6.79	0.10	0.36	46.0	0.03	87.0	72.0	0.07
6/8/20	11:00AM	NF								90.0	62.0	0.00
7/28/20	11:00AM	NF								88.0	69.0	0.00
MAX			7.75	27.8	7.98	0.10	0.36	46.0	0.03	90.0	72.0	0.90
AVG.			7.66	22.1	7.39	0.08	0.19	46.0	0.03	85.0	62.8	0.24
MIN			7.57	16.3	6.79	0.05	0.01	46.0	0.03	75.0	48.0	0.00


N - Normal NF - No Flow S - Sheen F - Foam C - Colored


LOCATION	Date	Time	Turbidity	High	Low	Rain	Algae
24" @ Lake	5/11/2020	10:40AM	20.00	51.0	41.0	0.25	
36"@ Palmer (AJL)	4/29/2020	9:00AM	20.90	61.0	43.0	0.52	
	5/11/2020	2:35PM	11.50	51.0	41.0	0.25	
	6/9/2020	10:10AM	6.41	89.0	70.0	0.00	
	8/19/2020	9:00AM	8.60	82.0	62.0	0.00	
42" S of Cherry	5/26/2020	1:00PM	12.90	92.0	68.00	0.00	
48" Addison & Lorraine	5/20/2020	1:00PM	16.52	65.0	54.00	0.11	
	6/15/2020	11:00AM	7.66	73.0	52.00	0.00	
54" Addison & Armitage	5/11/2020	10:20AM	14.70	51.0	51.0	0.25	
72" @ Odeum	5/11/2020	2:55PM	12.00	51.0	41.0	0.25	
	6/15/2020	2:10PM	10.80	73.0	52.0	0.00	
	8/17/2020	1:30PM	8.90	85.0	70.0	0.00	
Centennial Pond	5/17/2020	2:00PM	12.45	68.0	53.0	1.15	
	6/8/2020	10:25AM	19.10	90.0	62.0	0.00	
	8/12/2020	11:00AM	44.30	86.0	64.0	0.00	
Davea Pond	5/6/2020	2:30 PM	5.00	62.0	40.0	0.05	5%
	6/8/2020	9:45AM	2.50	90.0	62.0	0.00	5%
	7/23/2020	9:20AM	3.00	81.0	73.0	0.00	30%
DAPS	4/30/2020	9:30AM	22.00	55.0	43.0	0.25	
Fullerton & Fairbank	4/27/2020	2:10 PM	14.59	67.0	40.0	0.10	
	5/11/2020	9:10AM	5.00	51.0	41.0	0.25	
	6/16/2020	2:10PM	10.59	85.0	65.0	0.00	
	8/25/2020	9:55AM	8.88	89.0	73.0	0.03	

LOCATION	Date	Time	Turbidity	High	Low	Rain	Algae
Fullerton & Stewart	4/28/2020	9:45 AM	31.00	75.0	48.0	0.90	
	5/20/2020	2:00PM	11.58	65.0	54.0	0.11	
	6/17/2020	2:30PM	33.80	86.0	65.0	0.00	
Hampton	5/17/2020	2:50PM	15.20	68.0	53.0	1.15	
	6/11/2020	10:45AM	25.80	81.0	59.0	0.00	
	7/29/2020	10:30AM	21.90	89.0	73.0	0.00	
Lake Manor Pond	5/8/2020	3:10PM	5.00	45.0	35.0	0.00	
	6/10/2020	10:55AM	40.50	83.0	62.0	0.56	15%
Opus Pond	5/17/2020	10:00AM	15.50	68.0	53.0	1.15	5%
	6/5/2020	10:00AM	9.40	89.0	70.0	0.00	10%
	7/23/2020	10:00AM	29.00	817.0	73.0	0.00	40%
Pump & Dam	4/28/2020	3:10PM	20.10	75.0	48.0	0.90	
	5/27/2020	2:30 PM	16.07	87.0	72.0	0.07	
Republic Curve	4/28/2020	9:55 AM	19.30	75.0	48.0	0.90	
	5/12/2020	2:00PM	9.20	62.0	41.0	0.00	
	6/11/2020	10:15AM	54.70	81.0	59.0	0.00	
	8/17/2020	9:35AM	34.80	85.0	70.0	0.00	
Stewart Pond	4/28/2020	10:30AM	29.50	75.0	48.0	0.90	
	5/11/2020	3:10PM	12.88	51.0	41.0	0.25	
	6/5/2020	9:05AM	15.31	89.0	70.0	0.00	
	7/16/2020	10:20AM	19.20	85.0	68.0	0.46	
Westwood & Holtz	4/27/2020	1:40 PM	7.98	67.0	40.0	0.10	
	5/13/2020	2:30PM	14.80	68.0	43.0	0.00	
	6/10/2020	10:35AM	12.80	83.0	62.0	0.56	
	7/20/2020	2:40PM	9.27	85.0	78.0	0.18	
Westwood & Lenore	5/5/2020	10:50AM	11.60	48.0	42.0	0.04	
	6/10/2020	10:10AM	12.80	83.0	62.0	0.56	
	7/20/2020	2:00PM	4.00	85.0	78.0	0.18	
Swale @ Public Works	4/30/2020	1:00PM	326.00	55.0	43.0	0.25	

Lab Streams Daily 1/1/2020 - 12/31/2020	NTP UPSTREAM CBOD MG/L	NTP UPSTREAM Diss Oxygen MG/L	NTP UPSTREAM Fecal Coliform MPN/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
												
1/16/2020	2.90	12.24	1,454.0	0.25		292.0	0.09	7.70	0.66	37.58	18.4	0.034
2/6/2020	2.52	11.30	1,226.2		<1.0	334.0	0.05	7.93	0.53	39.38	6.8	0.030
3/19/2020	3.01	10.41	689.6		1.5	388.0	0.09	7.99	0.84	46.58	13.2	0.036
4/14/2020	3.03	10.32	1,095.0	0.39	<1.0	320.0	0.08	7.98	0.73	46.60	6.4	0.035
6/18/2020	<2.00	6.74	357.0		4.1	290.0	0.14	7.42	1.74	69.44	25.2	0.032
7/23/2020	2.44	7.17	774.6	0.38	16.7	252.0	0.10	7.46	1.74	73.40	16.4	0.024
8/13/2020	<2.00	6.52	790.8		3.9	274.0	0.13	6.79	2.16	73.04	22.8	0.024
9/10/2020	3.19	8.05	922.2		<1.0	290.0	0.09	7.08	0.36	66.40	24.8	0.026
10/15/2020	2.87	7.98	344.4	0.64	<1.0	268.0	0.09	7.14		59.54	13.6	
11/19/2020	2.51	9.87	1,413.6		2.6	230.0	0.16	6.89	1.77	47.84	9.2	0.025
12/10/2020	2.25	10.30	2,599.4		<1.0	240.0	0.05	7.53	2.32	44.42	6.0	0.026
Sum	<28.72	100.90	11,666.8	1.65	<33.8	3,178.0	1.07	81.91	12.85	604.22	162.8	0.292
Avg	<2.61	9.17	907.4	0.41	<3.4	288.9	0.10	7.45	1.29	54.93	14.8	0.029
Max	3.19	12.24	2,599.4	0.64	16.7	388.0	0.16	7.99	2.32	73.40	25.2	0.036
Min	<2.00	6.52	344.4	0.25	<1.0	230.0	0.05	6.79	0.36	37.58	6.0	0.024


Lab Streams Daily 1/1/2020 - 12/31/2020	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	ENVIRONMENTAL SERVICES NTP UPSTREAM Molybdenum MG/L	NTP UPSTREAM Molybdenum UG/L	NTP UPSTREAM Nickel MG/L	NTP UPSTREAM Silver MG/L
											
1/16/2020	<0.005	<0.001	0.020	0.005	0.691	0.660	0.037	0.011	0.011	0.007	0.0100
2/6/2020	<0.002	<0.001	0.011	<0.005	0.429	<0.018	0.045	<0.020	<0.020	<0.004	<0.0030
3/19/2020	<0.002	<0.001	0.007	0.006	0.435	<0.018	0.059	<0.020	<0.020	0.006	<0.0030
4/14/2020	<0.002	<0.001	<0.006	0.009	0.404	<0.018	0.049	0.033	0.033	0.004	<0.0030
6/18/2020	<0.005	<0.001	0.010	0.006	1.103	<0.018	0.071	0.018	0.018	<0.004	0.0030
7/23/2020	<0.002	<0.001	0.008	0.007	0.563	0.036	0.052	0.023	0.023	0.009	<0.0030
8/13/2020	<0.002	0.001	0.010	0.014	0.805	<0.018	0.070	0.031	0.031	0.009	<0.0030
9/10/2020	<0.002	<0.001	0.008	<0.005	0.721	<0.018	0.046	<0.020	<0.020	<0.004	<0.0030
10/15/2020											
11/19/2020	<0.002	0.001	0.011	0.007	0.128	<0.018	0.019	0.025	0.025	0.008	0.0020
12/10/2020	<0.002	<0.001	<0.006	0.021	0.423	<0.018	0.035	0.033	0.033	0.007	0.0040
Sum	<0.026	<0.010	<0.097	<0.085	5.702	<0.840	0.483	<0.234	<0.234	<0.062	<0.0370
Avg	<0.003	<0.001	<0.010	<0.009	0.570	<0.084	0.048	<0.023	<0.023	<0.006	<0.0037
Max	<0.005	0.001	0.020	0.021	1.103	0.660	0.071	0.033	0.033	0.009	0.0100
Min	<0.002	<0.001	<0.006	<0.005	0.128	<0.018	0.019	0.011	0.011	<0.004	0.0020

Lab Streams Daily 1/1/2020 - 12/31/2020	NTP UPSTREAM Zinc MG/L	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 ug/L	NTP UPSTREAM Aroclor 1221 ug/L	NTP UPSTREAM Aroclor 1232 ug/L	NTP UPSTREAM Aroclor 1242 ug/L
									
1/16/2020	0.022	200.0	185.0						
2/6/2020	0.034								
3/19/2020	0.011								
4/14/2020	0.016	235.0	185.0						
6/18/2020	0.038								
7/23/2020	0.020	155.0	150.0						
8/13/2020	0.016								
9/10/2020	0.022								
10/15/2020		140.0	153.8						
11/19/2020	0.046								
12/10/2020	0.014								
Sum	0.239	730.0	673.8						
Avg	0.024	182.5	168.5						
Max	0.046	235.0	185.0						
Min	0.011	140.0	150.0						


Lab Streams Daily 1/1/2020 - 12/31/2020	NTP UPSTREAM Aroclor 1248 ug/L	NTP UPSTREAM Aroclor 1254 ug/L	NTP UPSTREAM Aroclor 1260 ug/L	NTP UPSTREAM DDT ug/L	NTP UPSTREAM Heptachlor ug/L	AJL UPSTREAM CBOD MG/L	AJL UPSTREAM Diss Oxygen MG/L	AJL UPSTREAM Fecal Coliform MPN/100ML	AJL UPSTREAM Fluoride MG/L	AJL UPSTREAM FOGS Total MG/L
										
1/16/2020						3.1	12.27	1,732.8	0.24	
2/6/2020						2.6	11.65	615.2		3.0
3/19/2020						3.4	10.17	1,960.8		2.6
4/14/2020						3.0	10.45	1,540.2	0.47	<1.0
6/18/2020						<2.0	6.79	456.4		1.9
7/23/2020						2.1	7.44	397.8	0.44	13.8
8/13/2020						<2.0	6.39	689.6		3.2
9/10/2020						3.3	7.99	1,226.2		1.3
10/15/2020						<2.0	8.24	135.4	0.65	<1.0
11/19/2020						<2.0	10.20	1,413.6		1.8
12/10/2020						<2.0	10.56	>4,839.2		<1.0
Sum						<27.4	102.15	>15,007.2	1.78	<30.6
Avg						<2.5	9.29	>931.4	0.45	<3.1
Max						3.4	12.27	>4,839.2	0.65	13.8
Min						<2.0	6.39	135.4	0.24	<1.0

Lab Streams Daily 1/1/2020 - 12/31/2020	AJL UPSTREAM Hardness MG/L	AJL UPSTREAM Ammonia MG/L	AJL UPSTREAM pH SU	AJL UPSTREAM Phosphorus Total MG/L	AJL UPSTREAM Water Temp F DEG F	AJL UPSTREAM Solids TSS MG/L	AJL UPSTREAM Barium MG/L	AJL UPSTREAM Beryllium MG/L	AJL UPSTREAM Cadmium MG/L	AJL UPSTREAM Chromium (total) MG/L	AJL UPSTREAM Copper MG/L	AJL UPSTREAM Iron MG/L
1/16/2020	270.0	0.08	7.74	0.52	37.22	20.8	0.033	<0.005	0.001	0.008	0.006	0.717
2/6/2020	358.0	0.05	7.95	0.41	39.56	13.2	0.030	<0.005	<0.001	<0.006	<0.005	0.559
3/19/2020	384.0	0.08	7.98	0.79	45.68	20.0	0.038	<0.002	<0.001	0.011	0.009	0.678
4/14/2020	310.0	0.08	8.01	0.63	46.90	17.6	0.035	<0.002	<0.001	<0.006	0.005	0.539
6/18/2020	260.0	0.13	7.45	2.12	69.68	16.4	0.033	<0.002	<0.001	0.006	0.008	0.645
7/23/2020	224.0	0.10	7.51	1.74	74.12	8.8	0.025	<0.002	<0.001	<0.006	0.006	0.353
8/13/2020	250.0	0.12	6.85	2.16	73.40	14.8	0.023	<0.002	<0.001	0.003	0.007	0.570
9/10/2020	260.0	0.08	7.17	0.36	67.60	35.6	0.025	<0.002	<0.001	0.029	<0.005	0.975
10/15/2020	242.0	0.07	7.16		60.44	9.6						
11/19/2020	244.0	0.13	6.85	2.12	47.48	19.2	0.026	<0.002	<0.001	0.027	0.012	0.294
12/10/2020	278.0	<0.03	7.46	2.17	43.88	5.6	0.025	<0.002	<0.001	<0.006	0.019	0.299
Sum	3,080.0	<0.96	82.13	13.02	605.96	181.6	0.293	<0.026	<0.010	<0.108	<0.082	5.629
Avg	280.0	<0.09	7.47	1.30	55.09	16.5	0.029	<0.003	<0.001	<0.011	<0.008	0.563
Max	384.0	0.13	8.01	2.17	74.12	35.6	0.038	<0.005	0.001	0.029	0.019	0.975
Min	224.0	<0.03	6.85	0.36	37.22	5.6	0.023	<0.002	<0.001	0.003	<0.005	0.294

Lab Streams Daily 1/1/2020 - 12/31/2020	AJL UPSTREAM Lead MG/L	AJL UPSTREAM Manganese MG/L	AJL UPSTREAM Molybdenum MG/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 DOWNSTREAM CBOD MG/L	AJL DOWNSTREAM Diss Oxygen MG/L
1/16/2020	<0.018	0.038	0.012	0.006	<0.0030	0.018	190.0	185.0	3.0	12.23
2/6/2020	<0.018	0.049	0.013	0.004	<0.0030	0.019			2.8	11.62
3/19/2020	<0.018	0.065	<0.020	0.007	0.0080	0.029			2.7	10.30
4/14/2020	<0.018	0.055	0.023	0.004	<0.0030	0.014	210.0	2,825.0	2.7	10.31
6/18/2020	0.034	0.058	0.060	0.009	0.0110	0.059			2.3	6.64
7/23/2020	<0.018	0.037	0.024	0.009	<0.0030	0.012	165.0	160.0	2.2	6.75
8/13/2020	<0.018	0.057	0.016	0.006	0.0040	0.016			<2.0	6.01
9/10/2020	<0.018	0.048	<0.020	<0.004	<0.0030	0.014			2.5	7.87
10/15/2020							140.0	175.0	<2.0	8.51
11/19/2020	<0.018	0.024	0.038	0.005	0.0060	0.030			2.0	10.28
12/10/2020	<0.018	0.028	0.031	0.007	<0.0030	0.034			<2.0	10.50
Sum	<0.196	0.459	<0.257	<0.061	<0.0470	0.245	705.0	3,345.0	<26.1	101.02
Avg	<0.020	0.046	<0.026	<0.006	<0.0047	0.025	176.3	836.3	<2.4	9.18
Max	0.034	0.065	0.060	0.009	0.0110	0.059	210.0	2,825.0	3.0	12.23
Min	<0.018	0.024	0.012	<0.004	<0.0030	0.012	140.0	160.0	<2.0	6.01

Lab Streams Daily 1/1/2020 - 12/31/2020	AJL DOWNSTREAM Fecal Coliform MPN/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	AJL DOWNSTREAM Barium MG/L
										
1/16/2020	2,406.6	0.25		250.0	0.09	7.80	0.59	37.40	15.6	0.033
2/6/2020	2,406.6		2.4	366.0	0.05	7.93	0.47	39.20	12.8	0.033
3/19/2020	1,158.8		3.9	386.0	0.07	7.95	0.74	46.22	20.8	0.037
4/14/2020	1,632.8	0.31	<1.0	314.0	0.07	7.99	0.60	47.30	14.4	0.033
6/18/2020	254.8		<1.0	279.0	0.15	7.51	2.76	71.24	24.4	0.035
7/23/2020	821.2	0.38	<1.0	134.0	0.14	7.48	1.74	75.02	15.2	0.023
8/13/2020	344.6		5.7	240.0	0.11	7.02	2.30	71.78	8.8	0.021
9/10/2020	1,540.2		<1.0	270.0	0.08	7.32	0.44	67.10	21.2	0.019
10/15/2020	437.4	0.64	<1.0	280.0	0.08	7.22		59.18	21.6	
11/19/2020	1,732.9		1.9	240.0	0.12	7.08	1.94	47.30	14.4	0.023
12/10/2020	>4,839.2		<1.0	270.0	<0.03	7.47	1.91	43.52	6.4	0.026
Sum	>17,575.1	1.58	<19.9	3,029.0	<0.98	82.77	13.49	605.26	175.6	0.283
Avg	>1,145.7	0.39	<2.0	275.4	<0.09	7.52	1.35	55.02	16.0	0.028
Max	>4,839.2	0.64	5.7	386.0	0.15	7.99	2.76	75.02	24.4	0.037
Min	254.8	0.25	<1.0	134.0	<0.03	7.02	0.44	37.40	6.4	0.019

Lab Streams Daily 1/1/2020 - 12/31/2020	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 MG/L	AJL DOWNSTREAM Nickel MG/L	AJL DOWNSTREAM Silver MG/L
1/16/2020	<0.005	0.001	0.015	0.006	0.630	<0.018		0.036	0.006	<0.0030
2/6/2020	<0.002	<0.001	0.021	<0.005	0.622	<0.018	0.052	0.018	0.006	<0.0030
3/19/2020	<0.002	<0.001	0.007	0.008	0.605	<0.018	0.062	<0.020	0.008	<0.0030
4/14/2020	<0.002	0.001	<0.006	0.007	0.500		0.051	0.024	0.006	<0.0030
6/18/2020	<0.002	<0.001	0.006	0.009	0.892	<0.018	0.065	0.024	0.013	<0.0030
7/23/2020	<0.002	<0.001	0.007	0.011	0.361	<0.018	0.040	0.019	0.006	<0.0030
8/13/2020	<0.002	0.001	<0.006	0.005	0.340	<0.018	0.041	0.019	0.006	<0.0030
9/10/2020	<0.002	<0.001	0.013	<0.005	0.683	<0.018	0.045	<0.020	<0.004	<0.0030
10/15/2020										
11/19/2020	<0.002	0.001	0.024	0.008	0.243	<0.018	0.021	0.024	0.006	<0.0030
12/10/2020	<0.002	<0.001	<0.006	0.019	0.423	<0.018	0.029	0.030	0.007	0.0030
Sum	<0.023	<0.010	<0.111	<0.083	5.299	<0.162	0.406	<0.234	<0.068	<0.0300
Avg	<0.002	<0.001	<0.011	<0.008	0.530	<0.018	0.045	<0.023	<0.007	<0.0030
Max	<0.005	0.001	0.024	0.019	0.892	<0.018	0.065	0.036	0.013	0.0030
Min	<0.002	<0.001	<0.006	<0.005	0.243	<0.018	0.021	0.018	<0.004	<0.0030

Lab Streams Daily 1/1/2020 - 12/31/2020	AJL DOWNSTREAM Zinc MG/L	AJL DOWNSTREAM Alkalinity MG/L	AJL DOWNSTREAM Chloride MG/L	AJL DOWNSTREAM Total Nitrogen MG/L	AJL DOWNSTREAM Mercury MG/L	AJL DOWNSTREAM Aroclor 1016 ug/L	AJL DOWNSTREAM Aroclor 1221 ug/L	AJL DOWNSTREAM Aroclor 1232 ug/L	AJL DOWNSTREAM Aroclor 1242 ug/L
									
1/16/2020	0.039	200.0	162.5						
2/6/2020	0.027								
3/19/2020	0.016								
4/14/2020	0.006	225.0	265.0						
6/18/2020	0.048								
7/23/2020	0.015	155.0	140.0						
8/13/2020	0.025								
9/10/2020	0.029								
10/15/2020		150.0	166.3						
11/19/2020	0.032								
12/10/2020	0.023								
Sum	0.260	730.0	733.8						
Avg	0.026	182.5	183.5						
Max	0.048	225.0	265.0						
Min	0.006	150.0	140.0						

Lab Streams Daily 1/1/2020 - 12/31/2020	AJL DOWNSTREAM Aroclor 1248 ug/L	AJL DOWNSTREAM Aroclor 1254 ug/L	AJL DOWNSTREAM Aroclor 1260 ug/L	AJL DOWNSTREAM DDT ug/L	AJL DOWNSTREAM Heptachlor ug/L
1/16/2020					
2/6/2020					
3/19/2020					
4/14/2020					
6/18/2020					
7/23/2020					
8/13/2020					
9/10/2020					
10/15/2020					
11/19/2020					
12/10/2020					
Sum					
Avg					
Max					
Min					

MS4 OUTFALLS 2020

FID	OutFall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
	WCMS 004	48	RCP	VOA	Pump & Dam	No	0%	10/7/2020	9:00 AM
38	WCMS 006	20	RCP	VOA	North	No	1%	10/7/2020	9:00 AM
39	WCMS 012	12	RCP & PVC/Green	VOA	North	No	0%	10/7/2020	9:10 AM
40	WCMS 020	12	Metal	VOA	Bridge @ Roxanne NE side			Being Repaired	
42	WCMS 026	6	PVC/ White	VOA	Bridge @ Roxanne NW side			Being Repaired	
46	WCMS 037	18	RCP	VOA	Bridge @ Roxanne SE side			Being Repaired	
41	WCMS 044	6	PVC/ White	VOA	Bridge @ Roxanne SW side			Being Repaired	
43	WCMS 050	22	Metal	VOA	Bottom Rusted Out	Yes	0%	10/7/2020	9:20 AM
44	WCMS 056	48	Metal/FES	VOA	Last one West of Roxanne that you don't need boots	No	0%	10/7/2020	9:40 AM
48	WCMS 060	18	Metal	VOA	Bottom Rusted (Black Corr on top)	Yes	0%	10/12/2020	9:45 AM
	WCMS 061	8	Black corr	Private	Tag 8885 with a green cap	No	0%	10/12/2020	9:45 AM
49	WCMS 064	7	Black corr	VOA	Tag 8895	No	0%	10/12/2020	9:40 AM
50	WCMS 068	7	Black corr	Private	Tag 8887 Being crushed	Yes	0%	10/12/2020	9:25 AM
	WCMS 070	4	PVC/White	Private	Tag 8880	No	0%	10/12/2020	9:20 AM
51	WCMS 072	16	Metal	VOA	618 Lullo South of the garage	Yes	0%	10/12/2020	9:15 AM
	WCMS 074	6	Black corr	Private	Tag 8882	No	0%	10/12/2020	9:10 AM
	WCMS 076	6	PVC/White	Private	Tag 8886	No	0%	10/12/2020	9:10 AM
52	WCMS 077	16	Metal	VOA	Mid Of Lincoln	No	0%	10/12/2020	9:10 AM
	WCMS 078	8	PVC/Black	Private	300 Lincoln Ave Tag 8876 has a cover	No	0%	10/12/2020	9:45 AM
	WCMS 079	4	PVC/White	Private	Tag 8875	No	0%	10/12/2020	9:50 AM



MS4 OUTFALLS

MS4 ANNUAL REPORT
MARCH 2020 - FEB 2021

FID	OutFall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
53	WCMS 082	6	Black corr	Private	Two black pipes Tag 8873	No	0%	10/12/2020	9:50 AM
54	WCMS 086	16	Metal	VOA		No	0%	10/12/2020	9:55 AM
	WCMS 088	5	Black corr	Private	Tag 8874 Two black Cor only 1 tagged	No	0%	10/12/2020	9:55 AM
55	WCMS 090	24	RCP	VOA	West	No	0%	10/12/2020	9:55 AM
56	WCMS 094	5	Black corr	Private	Tag 8883 and Tree tagged 8872	No	0%	10/12/2020	10:00 AM
57	WCMS 099	16	Metal	VOA	Bottom rusted	Yes	0%	10/12/2020	10:00 AM
58	WCMS 101	5	Black corr	Private	Tag 8871 in a wall Tag fell off	No	0%	10/12/2020	10:05 AM
59	WCMS 106	18	Metal	VOA	Bottom Rusted	Yes	0%	10/12/2020	10:05 AM
60	WCMS 109	5	Black corr	Private	Big pile of dirt on it	No	0%	10/12/2020	10:10 AM
61	WCMS 113	36	RCP	VOA	Neva & Highview@Lake	No	0%	10/12/2020	10:10 AM
62	WCMS 118	36	RCP	VOA	Neva & Highview@Lake	No	0%	10/12/2020	10:10 AM
63	WCMS 122	53	RCP	VOA	Neva & Highview@Lake	No	0%	10/12/2020	10:10 AM
FID	Outfall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
23	WCMS 127	16	Metal	VOA	Green Oaks Luther Brook side	No	0%	10/8/2020	9:20 AM
24	WCMS 132	14	RCP	VOA	Green Oaks	No	0%	10/8/2020	9:10 AM
	GO1	24	RCP	VOA	Green Oaks	No	0%	10/8/2020	9:10 AM
	GO 2	4	PVC/Green	VOA	Green Oaks Tag 8888	No	0%	10/8/2020	9:25 AM
	GO3	6	PVC/Green	VOA	Green Oaks Tag 8890	No	0%	10/8/2020	9:25 AM
	GO4	3	PVC/White	VOA	Green Oaks Tag 8893	No	0%	10/8/2020	9:25 AM
	GO5	4	PVC/White	VOA	Green Oaks Tag 8892	No	0%	10/8/2020	9:25 AM



MS4 OUTFALLS

MS4 ANNUAL REPORT
MARCH 2020 - FEB 2021

FID	OutFall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
	GO6	4	PVC/White	VOA	Green Oaks Tag 8891	No	0%	10/8/2020	9:25 AM
	GO7	4	PVC/White	VOA	Green Oaks Tag 8889	No	0%	10/8/2020	9:30 AM
	GO8	4	PVC/White	VOA	Green Oaks Tag 8859	No	0%	10/8/2020	9:30 AM
	GO9	4	PVC/White	VOA	Green Oaks Tag 8862	No	0%	10/8/2020	9:30 AM
	GO10	14	Metal	VOA	Green Oaks	No	0%	10/8/2020	9:30 AM
	GO11	3	PVC/White	VOA	Green Oaks Tag 8851	No	0%	10/8/2020	9:30 AM
29	WCMS 151	24	Metal	VOA	Green Oaks concreted surround	No	0%	10/8/2020	9:35 AM
30	WCMS 155	5	RCP	VOA	Green Oaks in wall	No	0%	10/8/2020	9:35 AM
31	WCMS 159	5	RCP	VOA	Green Oaks in wall	No	0%	10/8/2020	9:35 AM
	GO12	3	PVC/White	VOA	Green Oaks Tag 8897	No	0%	10/8/2020	9:35 AM
32	WCMS 163	5	Blue Metal	VOA	Green Oaks in wall	No	0%	10/8/2020	9:35 AM
	GO 13	3	PVC/White	Private	Green Oaks Tag 8900 (s. side of Creek)	No	0%	10/8/2020	9:40 AM
	GO 14	2	PVC/White	Private	Green Oaks Tag 8899 Wall tag 8896	No	0%	10/8/2020	9:40 AM
33	WCMS 168	4	Black corr	Private	Green Oaks Tag 8852	No	0%	10/8/2020	9:40 AM
34	WCMS 173	5	Black corr	Private	Green Oaks Tag 8860 Guard Rail 8864 by telephone pole	No	0%	10/8/2020	9:50 AM
35	WCMS 177	18	RCP	VOA	Green Oaks Pipe broken off on bottom	Yes	0%	10/8/2020	10:00 AM
	GO 15	6	Black corr	Private	Green Oaks Tag 8865	No	0%	10/8/2020	10:00 AM
36	WCMS 183	8	Metal	Private	Green Oaks in wall	No	0%	10/8/2020	10:00 AM
	GO 16	2	PVC/White	Private	Green Oaks Tag 8855	No	0%	10/8/2020	10:00 AM
	GO 17	3	Metal	Private	Green Oaks Tag 8866	No	0%	10/8/2020	10:00 AM
37	WCMS 189	16	Metal	VOA	Green Oaks Bridge @Mill	No	0%	10/8/2020	10:00 AM



MS4 OUTFALLS

MS4 ANNUAL REPORT
MARCH 2020 - FEB 2021

FID	OutFall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
FID	Outfall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
4	WCWB 209	10	PVC/White	VOA	E of Country Club in wall @ bridge	No	0%	10/12/2020	10:30 AM
3	WCWB 206	20	RCP	VOA	E of Country Club @ bridge	No	0%	10/12/2020	10:25 AM
A	WCWB 214	8	PVC/Green	VOA	E of Country Club Tag 8680	No	0%	10/12/2020	10:30 AM
B	WCWB 218	10	PVC/ White	VOA	E of Country Club Tag 8868	No	0%	10/12/2020	10:35 AM
C	WCWB 222	6	PVC/Green	VOA	E of Country Club Tag 8679	No	0%	10/12/2020	10:35 AM
2	WCWB 204	6	PVC/Green	Private	E of Country Club Tag 8672	No	0%	10/12/2020	10:25 AM
1	WCWB 197	18	RCP	VOA	E of Country Club New One	No	0%	10/12/2020	10:20 AM
0.5		5	Orange Tile & Black Corr	VOA	E of Country Club	No	0%	10/12/2020	10:20 AM
0.25		6	PVC/White	VOA	E of Country Club Tag 8665 mud filled	Yes	0%	10/12/2020	10:20 AM
0	WCWB 193	14	RCP	VOA	E of Country Club Broken	No	0%	10/12/2020	10:15 AM
FID	Outfall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
D	WCWB 226	5	PVC/White	Private	W of Country Club Tag 8671	No	0%	10/13/2020	9:00 AM
5	WCWB 231	14	PVC/Green	VOA	W of Country Club Tag 8674 + white pipe above green PVC	No	0%	10/13/2020	9:00 AM
6	WCWB 236	14	Metal	VOA	W of Country Club crushed	Yes	0%	10/13/2020	9:05 AM
	WCWB 238	16	PVC/Blue	VOA	W of Country Club Tag 8681	No	0%	10/13/2020	9:10 AM
E	WCWB 240	4	PVC/White	Private	W of CC Wall falling down Tag 8666	Yes	0%	10/13/2020	9:10 AM
7	WCWB 244	4	PVC/White	Private	W of CC Wall falling down Tag 8670	Yes	0%	10/13/2020	9:10 AM
8	WCWB 250	36	RCP	VOA	W of CC white 3 " pipe Tag 8678	No	0%	10/13/2020	9:15 AM
9	WCWB 254	26	Metal	VOA	W of Country Club Bottom Rusted	Yes	0%	10/13/2020	9:15 AM
10	WCWB 260	6	Black Corr	Private	W of Country Club Tag 8669	No	0%	10/13/2020	9:20 AM



MS4 OUTFALLS

MS4 ANNUAL REPORT
MARCH 2020 - FEB 2021

FID	OutFall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
	WCWB 263	2	PVC/White	Private	W of Country Club Tag 8673	No	0%	10/13/2020	9:20 AM
11	WCWB 265	34	RCP	VOA	W of Country Club	No	0%	10/13/2020	9:30 AM
12	WCWB 270	10	RCP	VOA	W of Country Club	No	0%	10/13/2020	9:30 AM
13	WCWB 275	12	Metal	VOA	W of Country Club	No	0%	10/13/2020	9:40 AM
	WCWB 277	2	PVC/White	Private	W of Country Club Tag 8677	No	0%	10/13/2020	9:40 AM
14	WCWB 280	16	Metal	VOA	W of Country Club Black corr on top of FID 14	No	0%	10/13/2020	9:40 AM
		2	PVC/White	Private	W of Country Club Tag 8664	No	0%	10/13/2020	9:40 AM
		5	PVC/White	Private	W of Country Club Tag 8663	No	0%	10/13/2020	9:40 AM
		5	PVC/White	Private	W of Country Club Tag 8684	No	0%	10/13/2020	9:45 AM
		5	3 PVC/White	Private	W of Country Club Tag 8683	No	0%	10/13/2020	9:45 AM
		5	Black Corr	Private	W of Country Club Tag 8682	No	0%	10/13/2020	9:50 AM
15	WCWB 284	36	RCP	VOA	W of Country Club	No	0%	10/13/2020	9:55 AM
16	WCWB 288	12	RCP	VOA	W of Country Club	No	0%	10/13/2020	9:55 AM
FID	Outfall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
17	WCWB 292	8	PVC/Green	VOA	St. Phillips Tag 8854	No	0%	10/7/2020	10:15 AM
17.5	WCWB 295	72	Metal/FES	VOA	St. Phillips	No	0%	10/7/2020	10:15 AM
18	WCWB 297	14	PVC/White	VOA	St. Phillips Tag 8853	No	0%	10/7/2020	10:20 AM
	WCWB 299	48	RCP	VOA	St. Phillips	No	0%	10/7/2020	10:20 AM
19	WCWB 302	6	PVC/White	Private	St. Phillips Tag 8894	No	0%	10/7/2020	10:25 AM
20	WCWB 304	6	Metal	VOA	St. Phillips	No	0%	10/7/2020	10:30 AM
21	WCWB 306	48	RCP	VOA	Bridge @ Holtz	No	20%	10/7/2020	10:30 AM

FID	OutFall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
22	WCWB 310	48	RCP	VOA	W Side of Holtz Bridge	No	20%	10/7/2020	10:30 AM
22.5	WCWB 315	26	RCP	VOA	E Side of Bridge@Holtz	No	2%	10/7/2020	10:30 AM
	WCWB 320	36	RCP	VOA	Wesley School & Westwood Park	No	0%	10/7/2020	10:35 AM
	WCWB 324	12	RCP	VOA	Wesley School North Side of Creek	No	0%	10/7/2020	10:35 AM
	WCWB 326	12	RCP	VOA	Wesley School North Side of Creek	No	0%	10/7/2020	10:40 AM
	WCWB 330	36	Metal	VOA	Last One @Wesley	No	0%	10/7/2020	10:40 AM
FID	Outfall ID	Inches	Material	Owner	Notes	Repair	Flow	Date	Time
	WCWB 335	20	RCP	VOA	Centennial Pond	No	20%	10/7/2020	2:15 PM
	WCSB 339	24	RCP	VOA	St. John's & Army Trail	No	0%	10/7/2020	1:55 PM
	WCSB 345	12	RCP	VOA	Hampton Inn	No	0%	10/7/2020	2:10 PM
x	SCMS 352	24	Metal	VOA	Close to MAPS & the guardrail	No	0%	10/13/2020	2:00 PM
x	SCMS 356	24	RCP	VOA	Lake & Villa	No	0%	10/13/2020	2:10 PM
x	SCMS 359	42	RCP	VOA	Lake & Villa	No	0%	10/13/2020	2:10 PM
x	SCMS 365	12	Metal	VOA	Lake & Villa (next to the 42" pipe)	No	0%	10/13/2020	2:10 PM
x	WCWB 369		Metal	VOA	Stewart Pond (300-302 Stewart)	Yes	0%	10/8/2020	10:10 AM
x	WCWB 375	20	RCP	VOA	March Co. Parking (936 Fullerton)	No	0%	10/8/2020	10:20 AM
x	SCMS 376	72	RCP	VOA	Odeum	No	0%	10/7/2020	3:00 PM
x	SCMS 380	42	RCP	VOA	Cherry Hill	Yes	0%	10/8/2020	2:15 PM
x	SCMS 384	20	Metal	VOA	Double Manhole Cherry Hill	No	0%	10/8/2020	2:15 PM
x	SCMS 385	38	RCP	VOA	AJL	No	0%	10/8/2020	2:00 PM
x	SCMS 388	24	Metal	VOA	Villa Brooks Apts.	Yes	0%	10/8/2020	2:30 PM