



IDDE Ongoing Screening Summary Report

2021 Inspection Year

DECEMBER 16, 2021

PREPARED FOR:

City of Oshkosh

PREPARED BY:

Westwood

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Date: December 16, 2021

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EXECUTIVE SUMMARY

During the summer of 2021, Westwood Infrastructure, Inc. (Westwood) assisted the City of Oshkosh with inspecting the outfalls in the City's municipal separate storm sewer system (MS4) for potential illicit discharges. Following the Illicit Discharge Ongoing Screening Program that was revised in 2021, Westwood inspected 90 of the approximately 462 MS4 outfalls identified in the City. The inspections consisted of a visual screening along with a chemical analysis of any dry-weather flow that was present. The inspections revealed 22 outfalls with evidence of potential or obvious illicit discharges, primarily manholes with trapped floating debris.

BACKGROUND

Purpose

Under Section 2.3.2 of the Wisconsin Pollutant Discharge Elimination System (WPDES) Permit No WI-S050075-3 ("permit"), the City of Oshkosh is required to conduct ongoing dry weather field screening of all outfalls during the term of the permit to detect potential illicit discharges.

Under the MS4 permit, an outfall is defined as "the point at which storm water is discharged to waters of the state or leaves one municipality and enters another." The MS4 is defined as "a conveyance or system of conveyances including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, constructed channels or storm drains, which meets all of the following criteria:

1. Owned or operated by a municipality.
2. Designed or used for collecting or conveying storm water.
3. Which is not a combined sewer conveying both sanitary and storm water.
4. Which is not part of a publicly owned wastewater treatment works that provides secondary or more stringent treatment."

When applied to the City of Oshkosh, the MS4 permit requires ongoing screening of the road ditch or storm sewer outfalls where the outfalls discharge to a water of the state (i.e., a navigable or non-navigable stream, lake, or wetland) or where they discharge into an adjacent municipality or to a county or state highway right-of-way.

Each outfall is classified as "major" or "minor." A "major outfall," as defined by the MS4 permit, is an MS4 outfall that meets one of the following criteria:

1. A single pipe with an inside diameter of 36 inches or more or equivalent conveyance (cross sectional area of 1,018 square inches) which is associated with a drainage area of more than 50 acres.
2. A municipal separate storm sewer system that receives storm water runoff from lands zoned for industrial activity that is associated with a drainage area of more than 2 acres or from other lands with 2 or more acres of industrial activity, but not land zoned for industrial activity that does not have any industrial activity present.

Outfalls not meeting the definition of a major outfall are considered "minor outfalls."

Westwood has also worked with the WDNR to develop a third class of outfalls – "supplemental" outfalls. Supplemental outfalls are storm sewer outfalls which may not meet the legal definition of an outfall according to the MS4 general permit but should be included in an ongoing field

screening program. The majority of the supplemental outfalls are detention basin inlets, which do not discharge directly to a water of the state, and therefore are not technically outfalls. However, sampling the detention basin inlets is an important component of the overall screening process, as illicit discharges are more likely to be discovered at the detention basin inlets rather than at the detention basin outfall.

The current MS4 map for the City of Oshkosh consists of 462 outfalls, including:

- 98 major outfalls
- 246 minor outfalls
- 118 supplemental outfalls

These numbers are updated each year as outfalls are located during the ongoing field screening program and modifications are made to the MS4. A map showing the MS4 outfalls is included in Appendix A.

Program History

The activities that have taken place with the Illicit Discharge Program for the City of Oshkosh are summarized below:

September 2009 – Initial Screening (major outfalls)

109 major outfalls screened, with 23 potential and one obvious illicit discharge identified.

City of Oshkosh Initial Field Screening Summary Report (May 18, 2010)

December 2009 – Ongoing Field Screening Program

348 MS4 outfalls identified, screened over a four-year inspection cycle.

City of Oshkosh IDDE Ongoing Field Screening Program (May 19, 2010)

August 2010 – 2010 Ongoing Screening

93 outfalls screened, with 26 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2010 Inspection Year (March 28, 2011)

June 2, 2011 – USEPA Audit

Assisted with questions concerning the IDDE program

October 2011 – 2011 Ongoing Screening

121 outfalls screened, with 15 potential and one obvious illicit discharge identified.

City of Oshkosh Ongoing Screening Summary Report – 2011 Inspection Year (March 6, 2012)

October 2012 – 2012 Ongoing Screening

100 outfalls screened, with 12 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2012 Inspection Year (March 25, 2013)

July 2013 – 2013 Ongoing Screening

95 outfalls screened, with 7 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2013 Inspection Year (February 20, 2014)

October 2014 – 2014 Ongoing Screening

42 outfalls screened (prior potential illicit discharges), with 17 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2014 Inspection Year (February 23, 2015)

September 2015 – Ongoing Field Screening Program Revision

425 MS4 outfalls identified, with 60 priority outfalls.

City of Oshkosh IDDE Ongoing Field Screening Program – 2015 Revision (September 16, 2015)

September 2015 – 2015 Ongoing Screening

98 outfalls screened, with 20 potential and one obvious illicit discharge identified.

City of Oshkosh Ongoing Screening Summary Report – 2015 Inspection Year (January 8, 2016)

October 2016 – 2016 Ongoing Screening

98 outfalls screened, with 27 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2016 Inspection Year (November 30, 2016)

October 2017 – 2017 Ongoing Screening

101 outfalls screened, with 25 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2017 Inspection Year (January 25, 2018)

October 2018 – 2018 Ongoing Screening

91 outfalls screened, with 35 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2018 Inspection Year (January 25, 2018)

September-October 2019 – 2019 Ongoing Screening

87 outfalls screened, with 32 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2019 Inspection Year (January 3, 2020)

August-September 2020 – 2020 Ongoing Screening

90 outfalls screened, with 18 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2020 Inspection Year (December 16, 2020)

February 2021 – Ongoing Field Screening Program Revision

462 MS4 outfalls identified, with 41 priority outfalls.

City of Oshkosh IDDE Ongoing Field Screening Program – 2021 Update (March 2, 2021)

August 2021 – 2021 Ongoing Screening

90 outfalls screened, with 22 potential illicit discharges identified.

City of Oshkosh Ongoing Screening Summary Report – 2021 Inspection Year (December 16, 2021) (*This document*)

The 2015 revision to the Ongoing Screening Program implemented the “priority outfall” concept that was introduced by the WDNR in a March 2012 guidance document. These priority outfalls are outfalls that have the highest likelihood of a potential illicit discharge based on the characteristics of the drainage basins for each outfall. The priority outfalls are scheduled to be screened annually, while the non-priority outfalls are screened less frequently (every five years for major outfalls, every ten years for non-major outfalls). The current version of the program includes 41 priority outfalls.

The 2021 outfall screening followed the 2021 revision to the Ongoing Screening Program. The priority outfalls were screened, along with a subset of the non-priority outfalls. Based on the field observations during the screening, the Ongoing Screening Program may be modified slightly for future years.

The outfalls that were included in the 2021 screening program are shown in Appendix A, and the associated outfall inspection reports are included in Appendix B. The City may need to include these results in the annual report required by the MS4 permit due March 31, 2022.

Screening Methodology

Westwood's outfall screening methodology loosely follows the procedures outlined in *ILLICIT DISCHARGE DETECTION AND ELIMINATION: A GUIDANCE MANUAL FOR PROGRAM DEVELOPMENT AND TECHNICAL ASSESSMENTS* (Center for Watershed Protection / Robert Pitt, October 2004). The procedures were modified to comply with the MS4 permit requirements and have evolved after several years of experience and discussions with the WDNR.

Outfalls that have been previously inspected are located with the assistance of GPS. For outfalls that have not been previously inspected, the available MS4 mapping is used to physically locate the outfall, and then the GPS location is recorded to assist with future inspections. The physical properties of the outfall are then recorded – type of outfall, dimensions, material, and discharge location. A photograph of the outfall is taken to show the general location and configuration.

After the physical properties have been recorded, the outfall and surrounding area are screened for indicators of current or past illicit discharges. Sample indicator parameters include floatable material, gross solids, odors, stains, color of water, turbidity, abnormal vegetation and benthic growth. If any of these physical indicators are observed, they are further described and quantified. A close-up photograph is taken of the actual discharge of the outfall, showing any indicator parameters or flow from the outfall. A short video of the flow is also taken to document the magnitude of the flow or the lack of flow at the time of inspection.

The MS4 permit specifies that the outfalls be screened during periods of dry weather. Outfall inspections are typically conducted in the summer months to avoid the effects of snowmelt runoff in the storm sewer system. Westwood generally waits for a minimum of 48 hours following a runoff-producing rainfall event to conduct the outfall screening. This typically allows sufficient time for the stormwater to discharge through the drainage area and outfall. If, after 48 hours, the outfall still has flow, a sample is collected and screened for chemical indicators of an illicit discharge. While the actual list of chemical parameters is specific to each outfall, most flowing outfalls are screened for the following parameters:

- pH
- Chlorine (total chlorine and free chlorine)
- Detergents
- Ammonia
- Temperature
- Conductivity

In some cases, outfalls can be either partially or fully submerged. A partially submerged outfall is an outfall where the elevation of the invert is below the water level of the receiving water. A fully submerged outfall is a pipe that is entirely below the water surface. In either condition, the receiving water is “backed up” into the discharging pipe or channel and is not free-flowing. Under these conditions, if a sample is collected at the outfall point, the sample could consist almost entirely of the receiving water.

In the case of partially or fully submerged outfalls, Westwood developed a sampling procedure that was approved by WDNR. The submerged outfall is screened for physical indicators. However, the flow sample is collected from the first access point (i.e., manhole, catchbasin, curb

inlet) upstream of the outfall. This reduces the influence of the receiving water. Typically, if there is no flow or pooled water at the upstream location, then no sample is collected. For all upstream sampling, a note is made of the distance and land use of the area between the outfall and the upstream area to assess the potential for illicit connections between the outfall and the upstream location.

In the event that the physical or chemical indicators show that there is a potential ongoing illicit discharge, the Illicit Discharge Coordinator of the municipality is contacted. If requested, Westwood then assists the municipality with attempting to identify the source of the discharge, usually by inspecting and/or sampling additional upstream points to attempt to isolate a particular branch of the MS4 network.

While not expressly required by the MS4 permit, Westwood also conducts a physical condition assessment for each outfall. The inspector identifies any graffiti, damage, erosion or deposition present at the outfall and assigns a severity. This information is provided to the municipality to assist with maintenance activities.

A detailed outfall report is generated for each outfall that is inspected. The outfall report includes the general outfall information that was collected, along with detailed inspection results for each inspection conducted at the outfall. This provides a comprehensive history of the inspection results for the outfall as multiple inspections are performed over the life of the outfall.

Detailed inspection reports for each outfall are included in Appendix B. Some general observations from the field screening are noted in the following sections.

RAINFALL AND FLOW

Rainfall

Outfall inspections were conducted in the City of Oshkosh on the following dates:

- August 16, 2021
- August 17, 2021
- August 23, 2021
- August 31, 2021

All inspections were performed at least 48 hours after the last runoff-producing rainfall.

Flow

To meet the requirement of dry weather screening, outfalls were typically screened at least 48 hours after the previous runoff-producing rainfall event. In general, a minimum of 72 hours was used when possible. The distribution of the flow intensity of the outfalls (not including upstream sampling points) is shown in Figure 1.

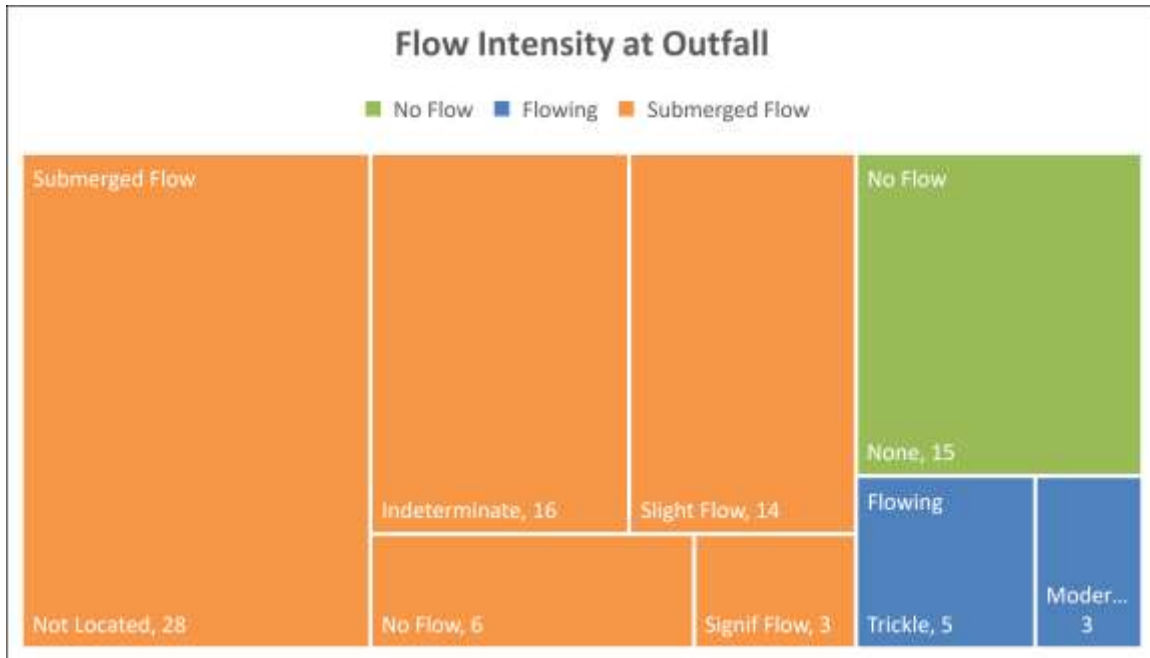


Figure 1 – Flow intensity at outfall

Submerged outfalls, along with their sampling protocol, are described in the next section.

If dry weather flow was found during the field screening, a sample was collected and analyzed for the presence of indicator parameters. The analysis conducted is discussed in a later section.

Not all flow is an indicator of an illicit discharge. Following a significant rainfall event, surface water and groundwater elevations can be higher than normal. Much of the observed flow may originate from sump pump discharges, detention basin discharges, permitted discharges, and infiltration into the storm sewer system.

Submerged Outfalls

Most of the outfalls in the City were located at or below the normal levels of their respective receiving waters. Of the 90 inspected outfalls, 30 were partially submerged, and 37 were fully submerged (Figure 2). Of the 37 fully submerged outfalls, 28 could not be physically located.

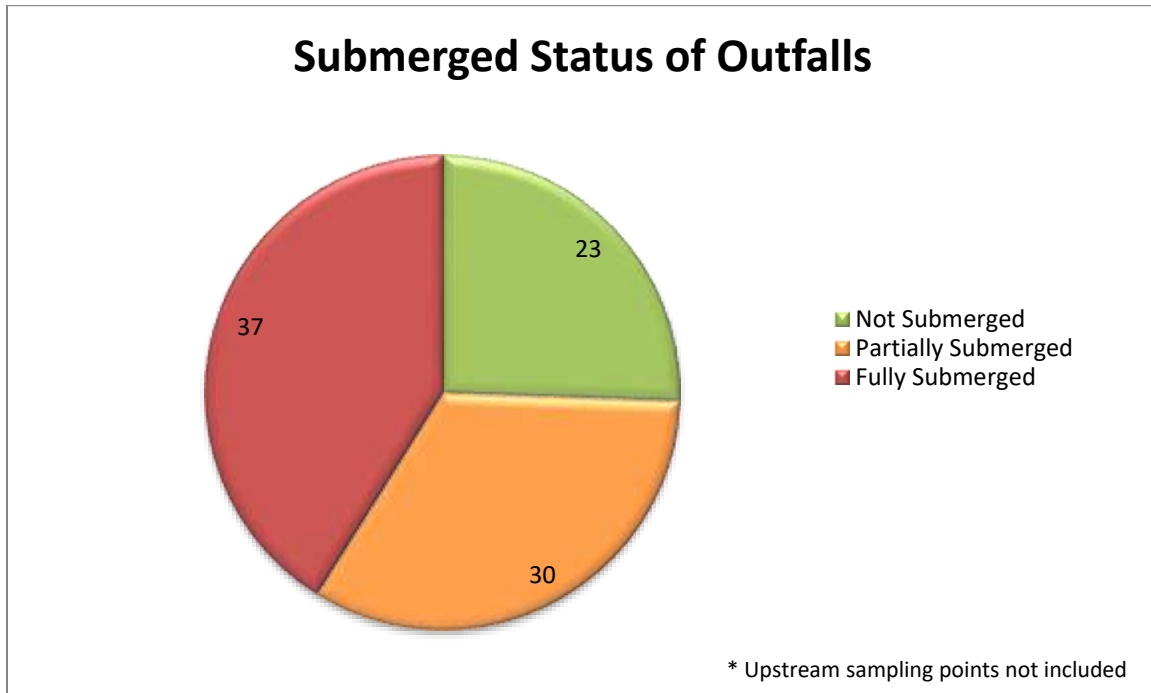


Figure 2 – Submerged status of outfalls

Submerged outfalls were screened at a representative upstream location (i.e., first upstream manhole), if one was available. If flow or a submerged pool was present in the upstream location, a sample was collected. If a representative upstream location was not available, a sample was collected from the submerged pool at the outfall. Sampling locations are noted on the individual outfall inspection reports in Appendix B.

PHYSICAL INDICATOR ASSESSMENT

All outfalls, regardless of whether they exhibited dry-weather flow at the time of inspection, underwent an extensive assessment for physical indicators of past or current illicit discharges. The physical indicators are grouped into eight categories, and each category is assigned a severity rating based on the observed conditions, along with a qualitative description, if applicable. The eight categories of physical indicators are described below.

Floatables

Floatables include petroleum sheens, suds, algae, and evidence of raw sewage. These conditions would typically be observed in an area of stagnant water, such as a downstream pool or an upstream manhole, although some may be observed in the actual flow. Some conditions (petroleum sheens and sewage) are almost always the result of an illicit discharge. Other floatables, like suds and algae, can have non-illicit sources, but their presence can also indicate the potential for an illicit discharge, and the source should be traced.

Vegetative debris and solid waste (litter) can also float, but these substances are included in the *Gross Solids* category and are not considered floatables.

A *slight* severity for floatables indicates isolated occurrences of the substance in the pool or flow. A *moderate* severity indicates a broader coverage, including distinct pockets of the substance. A *severe* classification typically describes total coverage of the water surface.

Odor

Clean stormwater should have no odor. Odors may be caused by the presence of chemicals, which can indicate a potential illicit discharge. The classification of odor is somewhat subjective and may vary depending on the inspector. Some of the odor classifications are chemical-based, and include petroleum, VOC/solvent, chlorine, and sulfur. Other odor classifications are even more subjective, and include musty, fishy, sewage, and fragrant.

Odor can be difficult to quantify. As a result, the severity is based on the method that it can be detected. A *slight* severity for odor indicates that the odor can be detected in the sample bottle. A *moderate* severity indicates that the odor can be detected in the flow itself. A *severe* classification indicates that the odor can be detected from a distance.

Turbidity

Turbidity is a measure of the clarity of a water sample, reflecting the amount of suspended solids present in the water. As turbidity increases, the water becomes cloudy and eventually opaque. Turbidity has a negative impact on aquatic life, as it prevents sunlight from penetrating the water.

Turbidity is frequently caused by soil erosion that occurs upstream of the outfall. The soil erosion can be accelerated by poor erosion control management practices. Active construction sites and highly eroded areas are common sources of turbidity.

While turbidity can be measured directly using an instrument like a turbidimeter, the relative turbidity of each outfall sample was assessed qualitatively. A *slight* severity for turbidity indicates that the sample appeared slightly cloudy in the sample bottle. A *moderate* severity indicates that the sample exhibits significant cloudiness. A *severe* classification was used for a sample that was opaque in the sample bottle.

Color

Stormwater typically should be clear, with no apparent color. Certain tints and colors can indicate the presence of substances that could be a potential illicit discharge. Some tints can be caused by natural substances, such as tannins in leaves and vegetative debris causing a slight brown tint. High concentrations of suspended solids can cause orange tints (clay), brown tints (loam) or gray-black tints (organic materials). Certain colors (i.e., red, blue and green) are almost never naturally occurring, and likely indicate an illicit discharge.

Color is most easily assessed in the sample bottle. The sample bottle can be compared to a bottle of deionized water as a standard. The general color of the sample is noted, along with the relative severity. A *slight* severity for color indicates that the color is faint in the sample bottle. A *moderate* severity indicates that the color is easily detected in the sample bottle. A *severe* classification indicates that the color can be observed in the actual flow or pool, outside of the sample bottle.

Vegetation

The health of the vegetation in the area surrounding the outfall can be an indicator of potential illicit discharges from the outfall. Various chemicals in an illicit discharge can inhibit or kill the vegetation in the areas surrounding the outfall. Discharges with high nutrient levels – particularly fertilizer runoff – can significantly increase the amount of vegetation around the outfall.

Because outfalls provide a water source, the vegetation around outfalls is typically more productive than areas farther from the outfall, particularly during dry periods. It is important to distinguish between increased vegetation due to available water and excessive vegetation due to nutrients in the runoff. True vegetation impacts due to chemicals or nutrients appear to be rare compared to other physical indicator parameters.

The “vegetation” indicator parameter does not apply to vegetation growing inside the outfall pipe or on the pipe apron. This condition is evaluated under the “benthic growth” parameter.

Vegetation effects were classified as either “inhibited” or “excessive.” The severity was subjectively assigned based on the extent of the vegetation impact that was observed, ranging from *slight* to *severe*.

Benthic Growth

Due to the presence of nutrients, organic materials and moisture, outfall pipes and aprons can commonly host vegetation that grows on the sides and bottoms of the structures. This is particularly common in concrete pipes, which are more porous, but can occur on nearly all pipe materials. The vegetation encountered is typically algae, moss and lichens.

Some degree of benthic growth is present on nearly all storm sewer outfall pipes and appears to increase with age. The presence of benthic growth alone is not typically a reason to classify an outfall as a potential illicit discharge. However, severe cases of benthic growth, especially when combined with other indicators, can be used to classify and trace illicit discharges.

The color of the benthic growth is noted on the inspection report. Green benthic growth is most common in outfalls with sunlight. Brown benthic growth is more common in outfalls with limited sunlight. Other colors, such as orange, can sometimes be present.

The severity of the benthic growth is determined by a subjective analysis of the thickness of the vegetation. A *slight* severity for benthic growth indicates a thin layer, usually a film or the dried stains of former growth. A *moderate* severity is used when an actual depth of vegetation can be observed, typically up to one-half inch deep. A *severe* classification is used when the vegetation changes from a short, “fuzzy” layer to longer, more defined plants with stems and leaves.

Stains

Stains inside pipes, aprons, riprap and channels can be good indicators of past illicit discharges. Clean stormwater typically would not cause stains. However, some non-illicit discharges can cause stains, including tannins from vegetation (brown), road salt (white), minerals (various colors) and suspended solids (gray or brown). Most storm sewer pipes will have some degree of staining due to natural causes, and the stains tend to increase with the age of the structure. These stains are typically found at either the normal or the high flowline for the pipe.

Abnormal stains are typically indicators of past illicit discharges. Common types of stains in this category include oil and grease, paint, concrete washout, and iron discharges (rust). It is

important to distinguish between actual iron discharges and normal pipe corrosion, which can occur in metal pipes, and is not an illicit discharge. Corrosion typically occurs along the invert of the pipe, where water may collect and corrode the pipe. Rust stains are typically darker streaks, often originating from a lateral or other incoming pipe.

Stains are useful indicators, since they tend to be persistent, and can often be used to trace the flow path upstream to a source, even after the original illicit discharge has ended. By screening outfalls on a regular basis and documenting the stains with photographs, it is possible to compare the severity of the stains to determine if a discharge is ongoing.

Stains are classified according to the type of stain present (i.e., oil, paint, rust, etc.), as well as their relative severity. The severity is subjectively assigned based on the extent of the staining that was observed, ranging from *slight* to *severe*. Because of the subjective nature of this rating, photographs are extremely helpful for documentation.

Gross Solids

The *Center for Watershed Protection* adopted the concept of Gross Solids regarding illicit discharge detections. Gross solids are materials that are larger than fine solids (silt and clay) and coarse solids (fine sand, fine gravel, and detritus). Gross solids consist primarily of *litter* (human derived trash larger than 4.75 mm), *organic debris* (leaves, branches, seeds, twigs and grass clippings larger than 4.75 mm), and *coarse sediments* (inorganic breakdown products from soils, pavement or building materials greater than 0.075 mm).

The type of gross solid most frequently encountered during outfall inspections appears to be litter (garbage). These materials typically enter the storm sewer from an upstream catchbasin or inlet. Paper, plastic and foam are frequently encountered in manholes, where they can become trapped as they float on the surface. These materials can also travel down storm sewer pipes and swales, ultimately discharging at the outfall.

Vegetative debris, including leaves and grass clippings, can also enter the storm sewer through catchbasins and inlets and travel to the outfall. As with litter, an attempt is made to determine if the vegetative debris traveled through the storm sewer or was deposited at the outfall in another manner.

Coarse sediment is encountered less frequently than litter and vegetative debris. Most of the sediment encountered during outfall inspections is fine sediment that travels through the storm sewer and is deposited at the outfall. This sediment is included in the “Deposition” category of the Physical Condition Assessment on the report, and the sediment depth is recorded. Sediment is typically only considered a Gross Solid physical indicator parameter if it appears that the sediment was illicitly dumped into the storm sewer through a catchbasin, inlet or manhole.

Gross solid severity is similar to the method used for floatables. A *slight* severity for gross solids indicates isolated occurrences of the substance in the pool or flow. A *moderate* severity indicates a broader coverage, including distinct pockets of the substance. A *severe* classification typically describes total coverage of the water surface or manhole.

Observed Conditions

The presence of any physical indicators in the pipe or channel, flow, downstream pool, and surrounding area were recorded at the time of the inspection. Certain physical indicators, such as color and turbidity, can only be evaluated if flow or downstream pools are present. (Because the inspection criteria for physical indicator parameters have evolved over the past several

years, some of the parameters included in the current year's inspections may not have been evaluated in previous years, and those parameters may appear as blank or missing data on earlier reports.)

The presence of one or more physical indicator parameters does not necessarily indicate that an illicit discharge is occurring or has occurred in the past. Certain physical indicators, such as the presence of solid waste or oil sheens in the flow, strongly suggest an illicit discharge has recently occurred. Other indicators, such as staining of the pipe or channel, may indicate that an illicit discharge occurred in the past, although the exact time is not known. Still other physical indicators may have natural or non-illicit causes, and the presence of these parameters alone should not be the grounds for assuming an illicit discharge.

Physical indicators can also be valuable aids when tracing a suspected illicit discharge upstream to the source. Certain physical indicators – pipe and channel stains in particular – are persistent and can be used to trace the flow well after the actual flow has stopped.

The physical indicators observed during the outfall inspections are summarized in Figure 3.

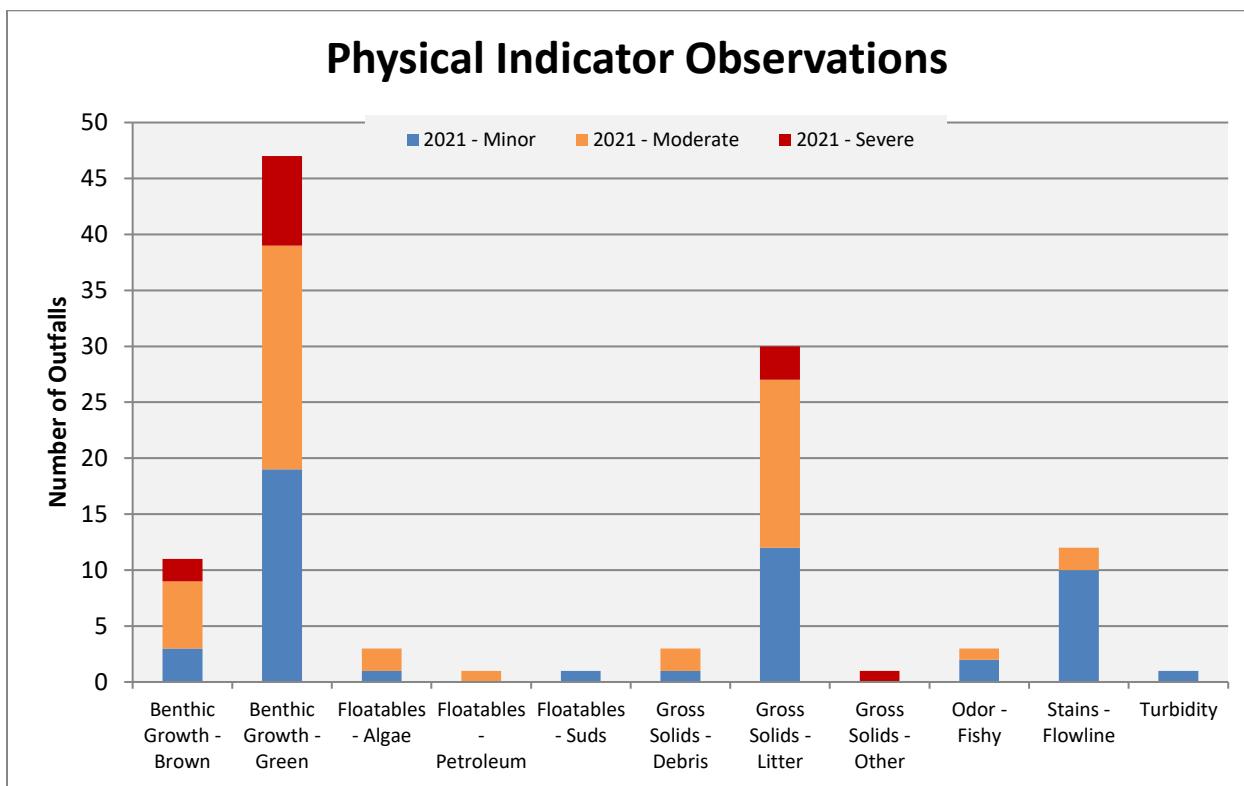


Figure 3 – Physical indicator observations

Benthic growth (green and/or brown) and flowline stains were prevalent at many of the outfalls. These conditions are fairly common and are not typically considered strong indicators of recurring illicit discharges unless they are particularly severe or occur in conjunction with other indicators.

In 2021, 16 outfalls were classified as potential illicit discharges partially or entirely because of the presence of moderate or severe gross solids in their upstream manholes. These outfalls are discussed in more detail in the *Potential Illicit Discharges* section of this report. No other outfalls were classified as potential illicit discharge solely due to physical indicators.

CHEMICAL ANALYSIS

When dry-weather flow is present at an outfall or upstream manhole, chemical indicator parameters can provide valuable information about whether the flow is an illicit discharge, as well as providing clues about the potential sources of the flow. Section 2.3.2.b of the general permit requires that outfalls with dry-weather flow be sampled for pH, total chlorine, total copper, total phenol and detergents for the initial screening of major outfalls, unless detergent, ammonia, potassium and fluoride were used as alternate parameters.

Under section 2.3.2.b, the ongoing screening of all outfalls could be modified to include other parameters. For the ongoing screening program, Westwood tested for the following chemical indicators, based on the 2021 revision to the ongoing screening program:

- pH
- Temperature
- Conductivity
- Chlorine (total and free)
- Ammonia
- Detergents

Flow samples were collected at all outfalls that exhibited dry-weather flow at the time of the inspection. For partially submerged or fully submerged outfalls, a sample was collected from the flow or submerged pool at the first upstream sampling location, or from the outfall pool if an upstream location was not available. A total of 64 stormwater samples were collected and analyzed as part of the ongoing screening process in 2021. Of these samples, 22 were from flow streams, and 42 were from pools. (Samples associated with follow-up inspections are not included in these totals.)

The indicator parameters, testing methods, and results are explained in the sections that follow.

pH

Background

The pH of a stormwater sample can be used to detect the presence of illicit substances in the flow. Neutral water has a pH of 7.0. However, unpolluted rainwater commonly has a pH of 5.0 to 6.0, due to the conversion of carbon dioxide in the atmosphere to carbonic acid. The presence of pollutants in the atmosphere can cause the formation of additional hydrochloric and/or nitric acid in the rainwater, which will further lower pH. The pH of the runoff is typically raised as it reacts with carbonates and other alkaline materials in the rocks and soil. Contact with concrete pipes and channels also raises the pH of the runoff.

The typical pH range for stormwater runoff is from 6.0 to 9.0. Samples with a pH lower than 6.0 or higher than 9.0 would be suspect for illicit discharges. Possible sources of high or low pH include industrial discharges and concrete truck washout.

Testing Method

During the ongoing screening program, Westwood tested the pH of the outfall samples with a *Hach Pocket Pro+ Multi 2 Tester* handheld pH/conductivity/temperature meter, which displays the pH reading to 0.01 pH units. The probe was periodically calibrated at 4.01, 7.00 and 10.01

pH values. The pH reading was taken in the sample bottle as soon as possible after the sample was collected from the outfall, as the pH of the sample can change over time.

Results

The pH results for the pH samples are shown in Figure 4.

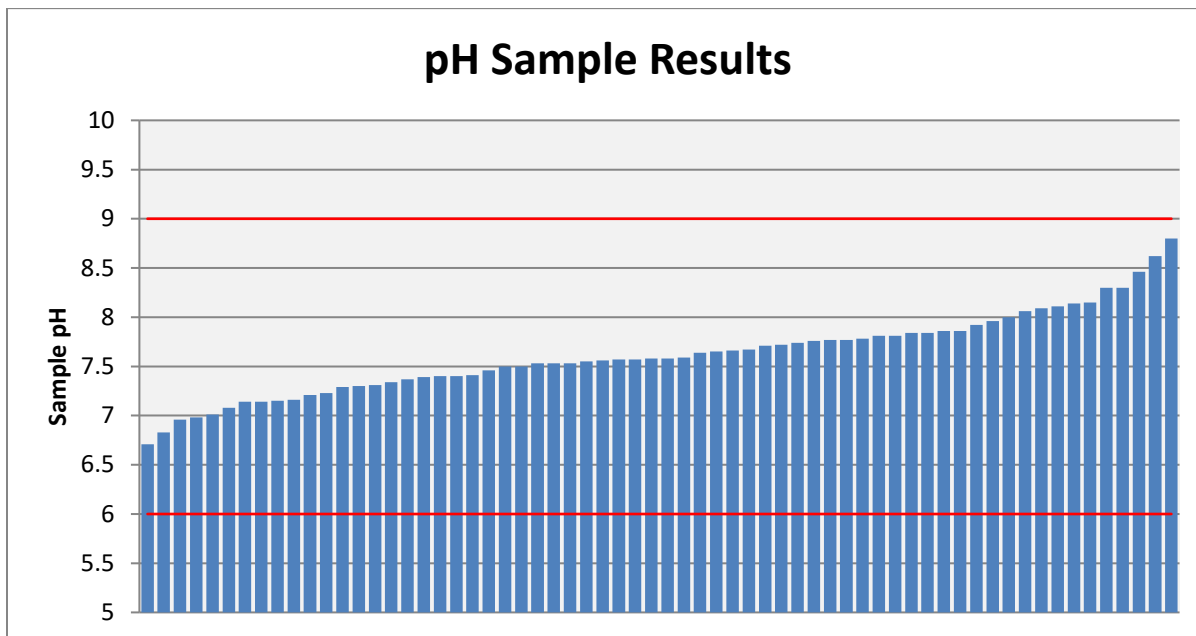


Figure 4 – pH sample results

The pH values ranged from 6.71 to 8.80. None of the samples exhibited pH values outside of the normal range, so none of the samples were considered suspect due to pH.

Temperature

Background

While not included in the list of parameters required by the general permit, the temperature of a stormwater sample can be useful in determining if the flow is originating from an illicit source. Because most stormwater is conveyed in underground pipes, the temperature of the flow at the outfall is typically expected to be similar to the ground temperature which is often cooler than the ambient temperature in summer. However, stormwater that passes through open channels or ponds upstream of the outfall can be heated directly by the sun and may be close to ambient temperature or even slightly warmer. Temperature is normally only a consideration when the runoff is significantly lower than the ground temperature or higher than the ambient temperature, which can indicate the presence of an industrial discharge. For example, cooling water or process water is typically significantly warmer than the ambient temperature.

Surface temperatures were typically 45 °F or warmer during the inspections. As a result, the “normal” temperature range was set at 45 °F to 90 °F. Any samples outside of this range could contain flow other than stormwater runoff.

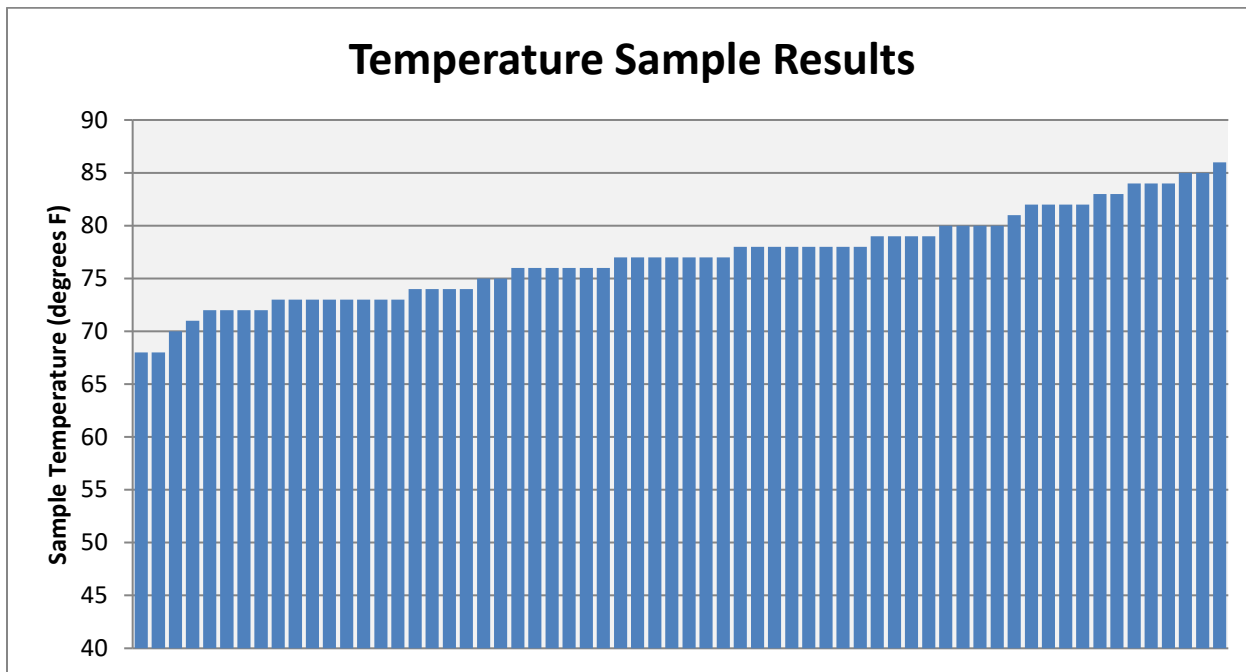
Testing Method

During the ongoing screening program, Westwood recorded the temperature of the outfall samples with a *Hach Pocket Pro+ Multi 2 Tester* handheld pH/conductivity/temperature meter,

which displays the temperature reading to 0.1 °F. The temperature reading was taken in the sample bottle at the same time the pH was tested, as soon as possible after the sample was collected from the outfall, as the temperature of the small volume of the sample container will rapidly change.

Results

The temperature results for the samples are shown in Figure 5.



clay. Sanitary sewage can raise the conductivity due to increased levels of chloride, phosphate and nitrate.

Conductivity is typically measured in siemens, with a typical unit of microsiemens per centimeter ($\mu\text{S}/\text{cm}$). Distilled water has a conductivity in the range of 0.5 to 3 $\mu\text{S}/\text{cm}$, while rivers typically have conductivities ranging from 50 to 1500 $\mu\text{S}/\text{cm}$. Conductivity readings above 2000 $\mu\text{S}/\text{cm}$ can sometimes be associated with industrial discharges.¹

Conductivity values under 2000 $\mu\text{S}/\text{cm}$ would be considered to be normal. Samples with conductivities over 2000 $\mu\text{S}/\text{cm}$ would be identified as suspicious, but the discharge would not be considered a potential illicit discharge unless other indicator parameters (physical or chemical) were observed.

Testing Method

During the ongoing screening program, Westwood recorded the conductivity of the outfall samples with a *Hach Pocket Pro+ Multi 2 Tester* handheld pH/conductivity/temperature meter, which displays the conductivity reading to 0.01 $\mu\text{S}/\text{cm}$. The conductivity reading was taken in the sample bottle as soon as possible after the sample was collected from the outfall, as the conductivity of the sample can change with temperature.

Results

The conductivity results for the samples are shown in Figure 6.

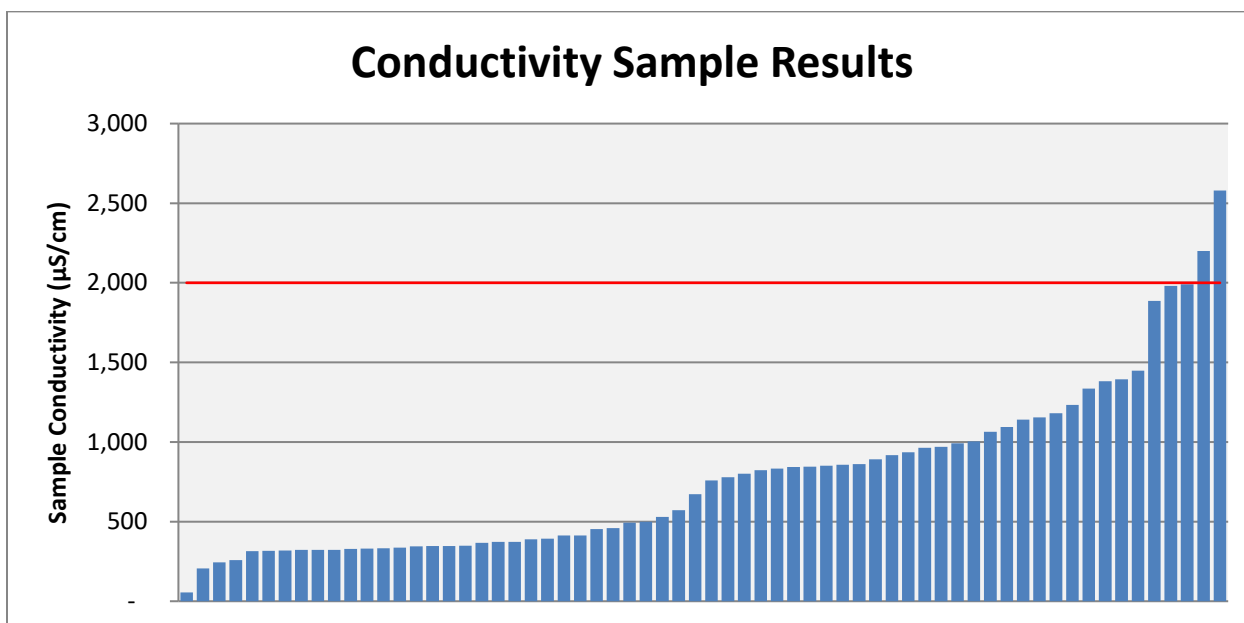


Figure 6 – Conductivity sample results

The conductivity values ranged from 55 to 2,580 $\mu\text{S}/\text{cm}$. Two samples were above the 2,000 $\mu\text{S}/\text{cm}$ action limit. Based on other factors, those outfalls may or may not have been classified as a potential illicit discharge. The illicit discharge potential of the outfalls with elevated conductivity is summarized in Table 1.

¹ USEPA: Water-Monitoring & Assessment – Conductivity (<http://water.epa.gov/type/rsl/monitoring/vms59.cfm>)

Table 1 – IDDE potential of outfalls with elevated conductivity

Outfall	Conductivity (μS/cm)	IDDE Potential	Reason
15-2475	2,200	Unlikely	Value within 10% of action limit, with no other chemical indicators.
16-1205	2,580	Potential	Detergent (0.6 mg/L) and elevated conductivity in outfall sample.

The outfalls that were considered potential or obvious illicit discharges are discussed in more detail in the *Potential Illicit Discharges* section of this report.

Chlorine

Background

The presence of chlorine in a stormwater sample usually demonstrates the presence of substances other than stormwater runoff. Chlorine is typically an indicator of either potable water (from a chlorinated municipal water supply) or an industrial discharge. It can also be caused by leaking or draining swimming pools. However, chlorine can also be present in non-illicit discharges (as defined by the general permit and the City's illicit discharge ordinance), including residential car washing, lawn irrigation, hydrant flushing, water main breaks, and industrial discharges regulated under a WPDES permit. Therefore, the presence of chlorine in a sample indicates the presence of a non-stormwater source; however, the source should be identified to determine if it is an illicit discharge.

Dissolved chlorine is measured using three different values: free chlorine, combined chlorine, and total chlorine. Free chlorine represents the "unbound" chlorine molecules in solution, which are the most effective for disinfecting. Combined chlorine represents the chlorine molecules that are bound to other organic molecules, such as chloramines, which are also commonly used in drinking water disinfection. Total chlorine represents the sum of the free chlorine and the combined chlorine. The general permit requires sampling for total chlorine.

Action levels were established by Westwood for most chemical indicators. A test result that exceeds the action level warrants follow-up investigation. In general, the action level for total chlorine is set at 0 mg/L. Any detection of chlorine indicates the presence something other than stormwater in the sample. Depending on the source, it may or may not be an illicit discharge.

Testing Method

During the ongoing screening program, Westwood tested the outfall samples for total chlorine and free chlorine using *Hach Free & Total Chlorine Test Strips, 0-10 mg/L*. These test strips had result steps of 0, 0.5, 1, 2, 4 and 10 mg/L. The chlorine tests were taken in the sample bottle as soon as possible after the sample was collected from the outfall, as chlorine can dissipate over time.

Results

None of the samples tested positive for free chlorine or total chlorine, so none of the samples were considered suspect due to chlorine.

Ammonia

Background

While not included on the list of required parameters in the general permit, ammonia is a valuable test parameter to identify potential illicit discharges. Besides being present in industrial discharges, ammonia can also be an indicator of wastewater or washwater discharges, which are often indicators of sanitary sewer cross-connections. When tested along with potassium, it is possible to use the ratio of ammonia to potassium to distinguish between wastewater and washwater. However, since both typically originate from sanitary sewer, this determination is not usually required to identify an illicit discharge.

It should be noted that there are also several natural sources of ammonia which do not constitute an illicit discharge. Waste from pets and wildlife can cause ammonia in the runoff, particularly if wildlife frequently inhabit the storm sewer pipes and manholes. Storm sewers connected to stagnant water or wetlands frequently have elevated ammonia levels due to microbial decay of plant and animal proteins. In addition, ammonia may be present in industrial discharges with a WPDES permit. Ammonia is also sometimes present in HVAC condensate, which is allowed to be discharged under the MS4 general permit.

Because of the natural sources of ammonia, the action level for ammonia detections was set at greater than 1 ppm. Samples with ammonia concentrations of 1 ppm or lower were not investigated unless additional chemical or physical indicator parameters were present.

Testing Method

During the ongoing screening program, Westwood tested the outfall samples for ammonia using *Hach Ammonia (Nitrogen) Test Strips, 0-6.0 ppm*. These test strips had result steps of 0, 0.25, 0.5, 1, 3, and 6 ppm $\text{NH}_3\text{-N}$. The ammonia tests were conducted in a separate vial of stormwater taken from the sample bottle as soon as possible after the sample was collected from the outfall, as the ammonia concentration can dissipate over time.

Results

The ammonia results for the samples are shown in Figure 7.

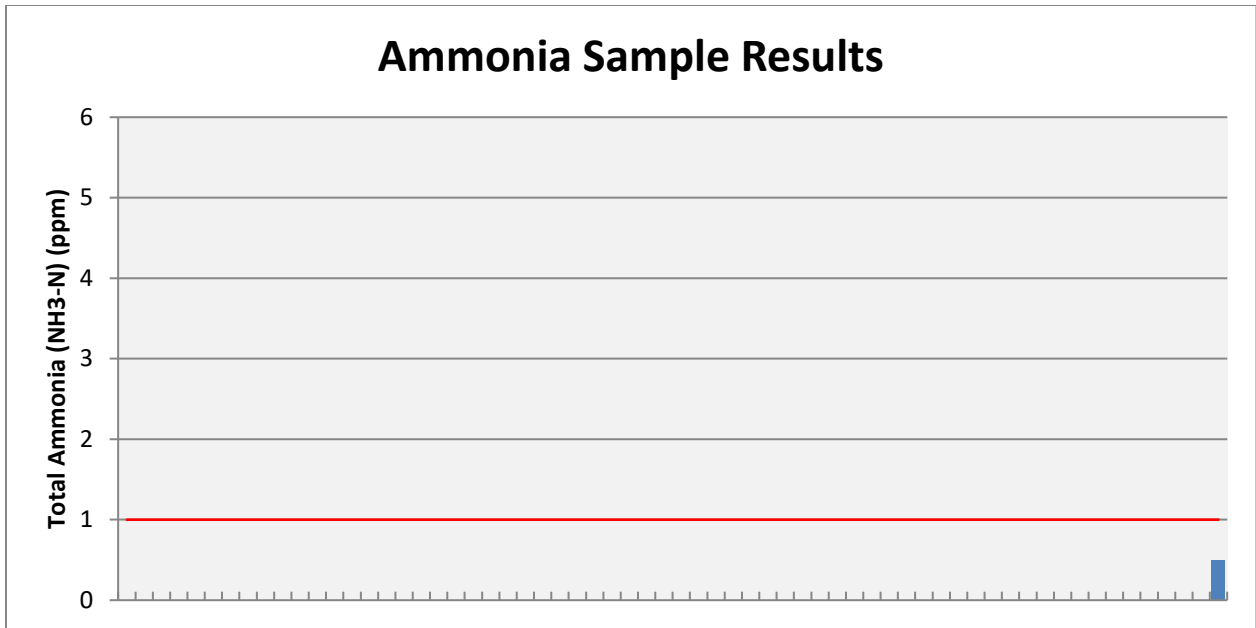


Figure 7 – Ammonia sample results

The ammonia values ranged from 0 to 0.5 ppm. None of the samples exhibited ammonia concentrations above the action limit of 1.0 ppm, so none of the samples were considered suspect due to ammonia.

Detergents

Background

The presence of detergents in the outfall sample is usually an indication of the presence of wastewater and/or washwater. This is typically the result of a sanitary sewer cross connection or washwater dumped in or near a stormwater inlet. However, detergent can also be present in non-illicit discharges (as defined by the general permit and the municipality's illicit discharge ordinance), including runoff from residential car washing. Therefore, the presence of detergent in a sample indicates the presence of a non-stormwater source; however, the source should be identified to determine if it is an illicit discharge.

There are four main classes of detergents:

- Anionic detergents (negatively charged) – Common in dishwasher detergents, liquid and powdered laundry detergents, carwash detergents, and shampoo. Anionic detergents have excellent cleaning properties and high sudsing potential.
- Cationic detergents (positively charged) – Used for germicides, fabric softeners and emulsifiers. Cationic detergents have poor cleaning properties by themselves but can help anionic detergents be more effective.
- Nonionic detergents (ionically inert) – Common in hand dishwashing liquids, household cleaners, and laundry detergents (especially in combination with anionic detergents). Nonionic detergents are excellent grease removers.
- Amphoteric detergents (negatively or positively charged, based on pH) – Found in shampoo and cosmetic products due to their mild chemical nature. Amphoteric

detergents are also found in hand dishwashing liquids due to their high sudsing potential.

Unfortunately, due to the diverse classes of detergents, there is no single test to detect the presence of all detergents. The most common test – the Methylene Blue Active Substances (MBAS) test – is only effective in identifying the presence of anionic detergents.

The general permit requires sampling for detergents. In general, the action level for detergents is set at 0 mg/L. Any detection of detergent indicates the presence something other than stormwater in the sample. Depending on the source, it may or may not be an illicit discharge.

Testing Method

During the ongoing screening program, Westwood tested the outfall samples for detergents using MBAS method with the equipment and reagents provided in the *Hach Stormwater Test Kit*. This is a colorimetric test method in which the intensity of the color in the reagent can be used to estimate the anionic detergent concentration. In most cases, a clear result indicates no detergent in the sample, and a blue tint indicated a positive detection of detergent (see Figure 8).

In some samples with high turbidity, the MBAS test method results in foam or bubbles in the solution. These bubbles have no impact on the overall test result, and if the bubbles and solution are clear, the result is a negative test for detergent.



Figure 8 – Typical MBAS Detergent Test Results

Because of the equipment and reagents (including chloroform) used in the MBAS test, the detergent test was conducted in the office at the end of the day. Westwood's experience with samples that have tested positive for detergent show that little dissipation occurs within 48 hours of testing, so same-day testing for detergents was an acceptable approach.

Results

The detergent results for the samples are shown in Figure 9.

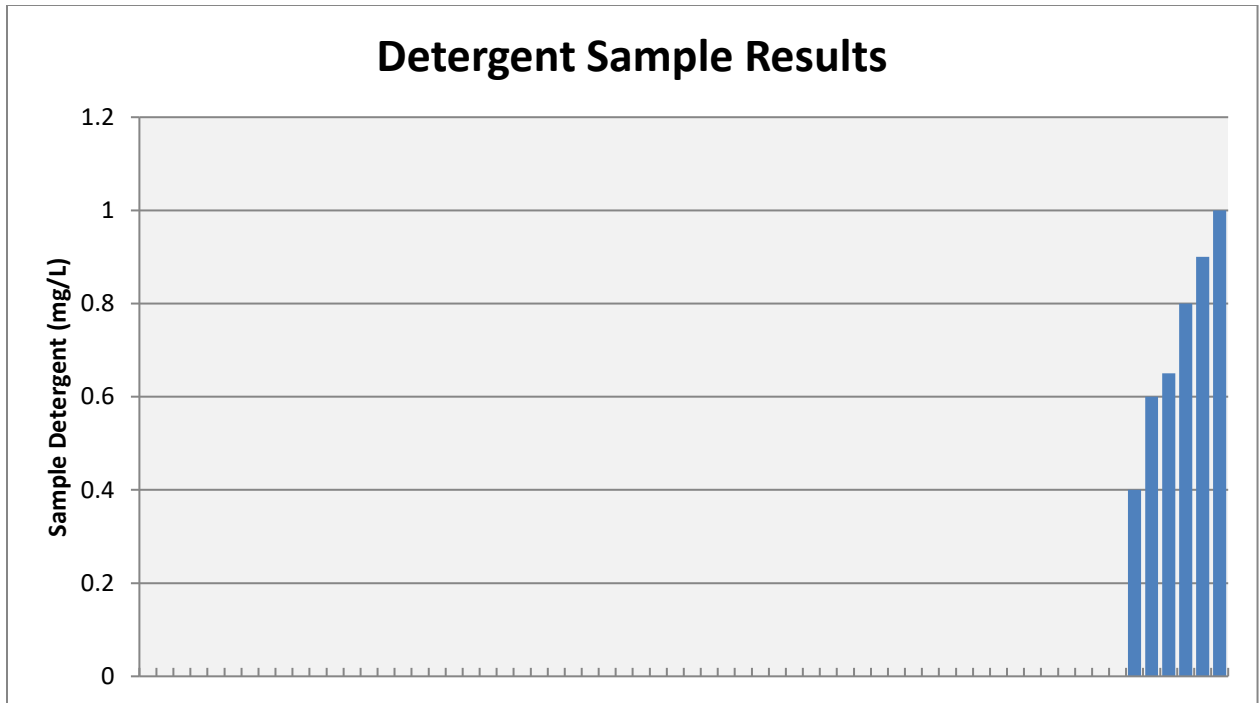


Figure 9 – Detergent sample results

The detergent values ranged from 0 to 1.0 mg/L, with six samples showing a positive detection of detergent. Based on other factors, these outfalls may or may not have been classified as a potential illicit discharge. The illicit discharge potential of the outfall is summarized in Table 2.

Table 2 – IDDE potential of outfalls with detergent detections

Outfall	Detergent (mg/L)	IDDE Potential	Reason
06-1709 US1	0.4	Potential	Detergent detection in upstream manhole. Historical results of ammonia and elevated conductivity.
16-1205	0.6	Potential	Detergent and elevated conductivity in pool sample (2,580 $\mu\text{S}/\text{cm}$).
16-844	0.65	Potential	Detergent detection in flow. Historical results of elevated conductivity.
12-2484	0.8	Potential	Detergent detection in flow.
13-3921	0.9	Potential	Detergent detection in flow.
13-471	1.0	Potential	Detergent detection in flow. Historical results of elevated pH.

The outfalls that were considered potential or obvious illicit discharges are discussed in more detail in the *Potential Illicit Discharges* section of this report.

POTENTIAL ILLICIT DISCHARGES

After examining the presence of physical indicators at each outfall and any chemical indicators present in the stormwater samples, each outfall was assigned one of the following

classifications, in order of increasing likelihood of the presence of current or past illicit discharges:

- Unlikely – no significant physical or chemical evidence of current or past illicit discharge
- Potential – presence of physical and/or chemical indicators, but no strong visible evidence
- Obvious – visible and/or strong chemical evidence of current or past illicit discharge

Of the 90 inspected outfalls, 68 were classified as unlikely, 22 were classified as potential, and none were classified as “obvious.” The outfalls that were classified as anything other than “unlikely” are summarized in the table below and discussed in more detail in the following sections. A map showing the locations of these outfalls is included in Appendix C.

Table 3 – Outfalls with elevated illicit discharge classifications

Outfall	Classification	Reason
01-520	Potential	Persistent gross solids in upstream manhole (also present in 2009-2020). (Historical results of detergent.)
02-357	Potential	Persistent gross solids in upstream manhole (also present in 2011, 2012, 2014-2020).
03-22	Potential	Persistent gross solids in upstream manhole (also present in 2009-2020). (Historical results of detergent.)
03-35	Potential	Persistent gross solids in upstream manhole (also present in 2009-2013, 2015-2020). (Historical results of detergent and ammonia.)
03-81	Potential	Persistent gross solids in upstream manhole (also present in 2009, 2010, 2014, 2016-2020). (Historical results of oil sheen/odor, detergent and elevated ammonia.)
03-173	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2020). (Historical results of detergent.)
03-381	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2020). (Historical results of ammonia.)
05-14	Potential	Persistent gross solids in upstream manhole (also present in 2009, 2015-2020).
05-621	Potential	Persistent gross solids in upstream manhole.
06-52	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2020).
06-1709	Potential	Detergent detected in upstream manhole. (Historical results of ammonia and elevated conductivity.)
08-284	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2020).
11-177	Potential	Persistent gross solids in upstream manhole (also present in 2011, 2019-2020).
11-376	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2020).
11-512	Potential	Persistent gross solids in upstream manhole (also present in 2011, 2012, 2014-2020).
12-2484	Potential	Detergent detected in flow.

Outfall	Classification	Reason
13-471	Potential	Detergent detected in outfall flow. (Detergent also present in 2018-2020, elevated pH in 2019.)
13-3921	Potential	Detergent detected in flow.
16-594	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2016-2020).
16-844	Potential	Detergent detected in flow (also present in 2018-2019). (Historical results of elevated conductivity.)
16-1178	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2020). (Historical results of detergent.)
16-1205	Potential	Detergent and elevated conductivity in outfall pool sample (also present in 2018-2019).

A chart showing the number of outfalls inspected over the past 13 years (starting with the initial screening in 2009) and the number of potential or obvious illicit discharges is shown in Figure 10.

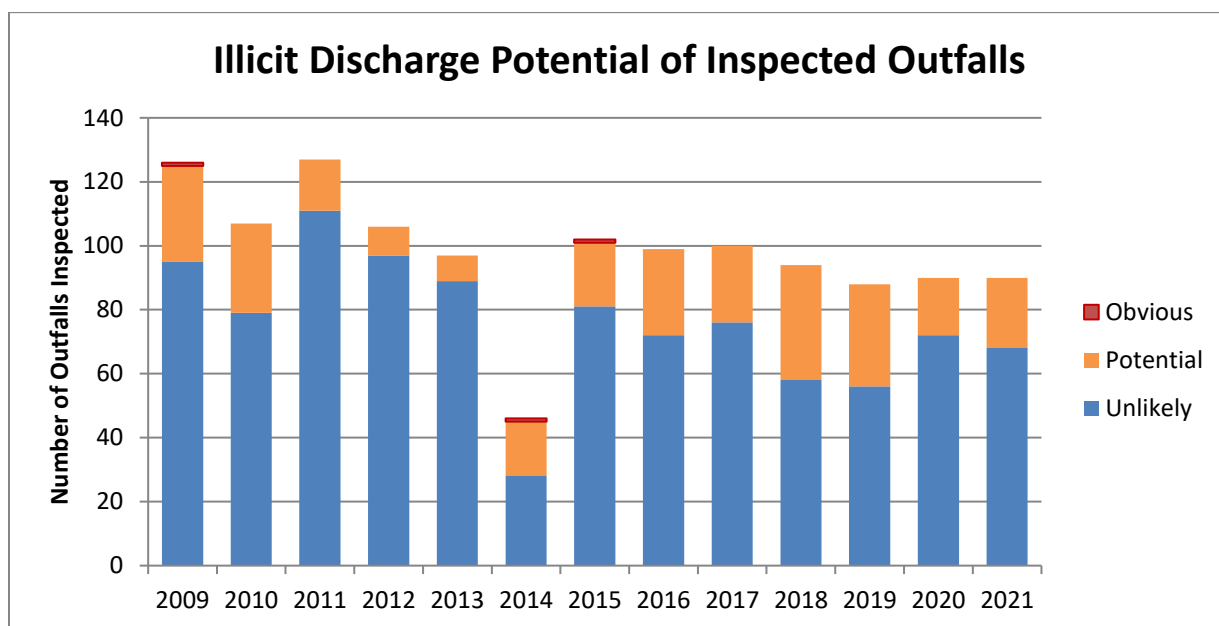


Figure 10 – Illicit discharge potential of inspected outfalls

The outfalls with potential or obvious illicit discharges are described in more detail below.

Upstream Manholes with Significant Floatable Debris

During the 2021 ongoing screening program, 16 upstream manholes contained significant (moderate or severe) amounts of floatable debris (gross solids), including plastic bottles, foam packaging, and other solid waste, and were classified as potential illicit discharges. This effect was most pronounced at manholes upstream of a fully submerged outfall, where the storm sewer pipes within the manhole were also fully submerged. In these cases, any floatable debris traveling along the top of the storm sewer pipe will enter the manhole and will remain trapped on the surface of the manhole pool, as they are not able to escape through the submerged outlet pipe. In these cases, the submerged manhole acts as a trap for much of the floatable debris.



Figure 11 – Floating gross solids in manhole 05-14 US1

While some may not consider gross solids a true illicit discharge, it does meet the definition of an illicit discharge, since it is a substance present in the discharge that is not comprised entirely of stormwater. In most cases, there will be one or more access points which allow the debris to enter the MS4. Because of this, the presence of significant floatable debris in upstream manholes caused the illicit discharge potential of the outfall to be raised to “potential.” Upstream manholes with isolated solid waste or debris (generally three or fewer pieces) are not included in this list and were not considered potential illicit discharges.

Note that in some cases, sediment and/or vegetation falls into the manhole when the manhole cover is removed, and those materials also appear in the photos. The severity of the floatable debris is based on the presence of the original debris and solid waste.

For all 16 of the manholes, the presence of the gross solids was the sole reason for being classified as a “potential” illicit discharge.

The outfalls with continuing observations of significant floatable debris were classified as priority outfalls in the revised ongoing screening program. This designation will cause them to be screened annually. These manholes should be cleaned several months prior to the scheduled outfall screening. By doing this, it will be possible to determine if the debris is from a prior discharge, or if the problem is ongoing. If it is determined that it is an ongoing problem, upstream inlets, especially those located near dumpsters or other solid waste storage areas, should be closely examined in an attempt to locate the source of the discharge. These areas could then be targeted for public education campaigns.

A map showing the locations of the manholes with floatable debris is included in Appendix D.

Outfall 06-1709 (Campbell Road)

Outfall 06-1709 consists of a 34x53 inch reinforced concrete pipe (RCP) that discharges into the Fox River at the end of the extension of Campbell Road. The outfall was formerly classified as 06-253. The pipe may be the effluent pipe for the wastewater treatment plant. The pipe is fully submerged.



Figure 12 - Outfall 06-1709 (2021)

Because the outfall is fully submerged, it is screened at the upstream manhole (06-1709 US1) located approximately 266 feet upstream of the outfall, in the Seniors Center parking lot.



Figure 13 – Upstream manhole 06-1709 US1 (2021)

During previous screenings, the sample collected from the flow in the upstream manhole has had elevated conductivity and ammonia, along with slight gross solids. During the 8/17/2021 screening, the sample collected from the flow in the upstream manhole had a detergent concentration of 0.4 mg/L. During a follow-up screening on 8/31/2021, no detergent was detected.

The samples collected from the outfall are summarized in Table 4:

Table 4 - Sample results from outfall 06-1709

Date	Location	Ammonia (ppm)	Detergent (mg/L)	pH	Conductivity (µS/cm)
9/10/2009	Upstream	N/A	0	6.92	N/A
8/18/2010	Upstream	0	0	7.05	N/A
9/23/2015	Upstream	0	0	7.53	1,220
10/18/2016	Upstream	0	0	7.01	1,228
10/19/2017	Upstream	3	0	7.15	1,990
10/24/2018	Upstream	3	0	7.27	2,280
9/18/2019	Upstream	0	0	7.38	1,261
8/19/2020	Upstream	0	0	6.92	1,320
8/17/2021	Upstream	0	0.4	7.08	1,154
8/31/2021	Upstream	0	0	7.01	1,061

Because this outfall is classified as a priority outfall, it is scheduled to be rescreened in 2022.

Additional information related to the investigation of this outfall is contained in Appendix D.

Outfall 12-2484 (Westwind Road)

Outfall 12-2484 is the 24-inch RCP discharge pipe from the detention basin located between W. Snell Road and Algoma Boulevard. The pipe discharges to a swale on the north side of Westwind Road. The discharge ultimately flows west into the Town of Oshkosh.

**Figure 14 - Outfall 12-2484 (2021)**

During the 8/17/2021 screening, detergent was detected in the sample that was collected from the submerged flow immediately downstream from the pipe. During a follow-up screening on 8/31/2021, no detergent was detected.

The samples collected from the outfall are summarized in Table 5:

Table 5 - Sample results from outfall 12-2484

Date	Location	Ammonia (ppm)	Detergent (mg/L)	pH	Conductivity (µS/cm)
8/17/2021	Outfall	0	0.8	7.57	964
8/31/2021	Outfall	0	0	7.57	529

This outfall is classified as a non-priority non-major outfall, which would normally be scheduled for re-screening in 10 years. However, due to the detergent detection, it will be screened again in 2022. If detergent is detected, additional upstream tracing will be conducted to attempt to identify the source(s) of detergent.

Additional information related to the investigation of this outfall is contained in Appendix D.

Outfall 13-471 (W. 9th Avenue)

Outfall 13-471 consists of a 48x76-inch elliptical concrete pipe that discharges to a channel north of W. 9th Avenue. After flowing approximately 400 feet, the channel enters the large metal box culvert that flows north to Witzel Avenue and discharges east of Lourdes High School.



Figure 15 - Outfall 13-471 (2021)

During the 8/23/2021 screening, detergent was detected in the sample that was collected from the submerged pool at the end of the pipe. During a follow-up screening on 8/31/2021, no detergent was detected.

This outfall has had detections of detergent and elevated pH in previous years. The samples collected from the outfall are summarized in Table 6:

Table 6 - Sample results from outfall 13-471

Date	Location	Ammonia (ppm)	Detergent (mg/L)	pH	Conductivity (µS/cm)
9/4/2009	Outfall	N/A	0	8.38	N/A
6/13/2012	Outfall	0	0	7.91	1,579
10/25/2018	Outfall	0	0.5	8.16	1,209
10/26/2018	Outfall	0	0.4	8.18	1,183
9/18/2019	Outfall	0	0	9.27	368
11/5/2019	Outfall	N/A	0.8	8.18	680
8/20/2020	Outfall	0	0.6	7.76	453
10/28/2020	Outfall	N/A	0	N/A	N/A
8/23/2021	Outfall	0	1.0	7.81	1,140
8/31/2021	Upstream	0	0	7.77	695

Because this outfall is classified as a priority outfall, it is scheduled to be rescreened in 2022.

Additional information related to the investigation of this outfall is contained in Appendix D.

Outfall 13-3921 (Morningstar Lane)

Outfall 13-3921 consists of a 24-inch RCP pipe from the storm sewer on Morningstar Lane, which discharges to the southeast corner of a detention basin located on the corner of Morningstar Lane and W. 20th Avenue.



Figure 16 - Outfall 13-3921 (2021)

During the 8/23/2021 screening, detergent was detected in the sample that was collected from the flow in the pipe. During a follow-up screening on 8/31/2021, no detergent was detected.

The samples collected from the outfall are summarized in Table 7:

Table 7 - Sample results from outfall 13-3921

Date	Location	Ammonia (ppm)	Detergent (mg/L)	pH	Conductivity (µS/cm)
8/23/2021	Outfall	0	0.9	7.58	1,004
8/31/2021	Upstream	0	0	7.41	946

This outfall is classified as a non-priority non-major outfall, which would normally be scheduled for re-screening in 10 years. However, due to the detergent detection, it will be screened again in 2022. If detergent is detected, additional upstream tracing will be conducted to attempt to identify the source(s) of detergent.

Additional information related to the investigation of this outfall is contained in Appendix D.

Outfall 16-844 (N. Koeller Street)

Outfall 16-844 consists of an 18-inch RCP that discharges into Sawyer Creek on the south side of N. Koeller Street. The drainage basin for the storm sewer is primarily a commercial area along Koeller Street, between Witzel Avenue and Sawyer Creek, just west of the former Kmart building.



Figure 17 - Outfall 16-844 (2021)

During previous screenings, the sample collected from the outfall flow has had elevated conductivity and detergent. During the 8/17/2021 screening, the sample collected from the flow had a detergent concentration of 0.65 mg/L. During a follow-up screening on 8/31/2021, no detergent was detected, but conductivity was slightly elevated.

The samples collected from the outfall during prior screenings are summarized in Table 8:

Table 8 - Sample results from outfall 16-844

Date	Location	Ammonia (ppm)	Detergent (mg/L)	pH	Conductivity (µS/cm)
6/6/2012	Outfall	0	0	8.10	5,050
9/28/2015	Outfall	N/A	N/A	N/A	N/A
10/18/2016	Outfall	0	0	8.29	3,880
10/17/2017	Outfall	0	0	8.35	1,704
10/25/2018	Outfall	0	0.45	8.22	3,300
10/26/2018	Outfall	0	0.5	8.19	3,550
10/29/2018	Outfall	0	0.65	N/A	N/A
10/8/2019	Outfall	0	0.5	8.09	2,640
11/5/2019	Outfall	N/A	0.8	N/A	N/A
8/20/2020	No flow				
8/17/2021	Outfall	0	0.65	8.14	1,990
8/31/2021	Outfall	0	0	8.07	2,020

Because this outfall is classified as a priority outfall, it is scheduled to be rescreened in 2022. If detergent and/or elevated conductivity is still present, additional upstream tracking should be conducted.

Additional information related to the investigation of this outfall is contained in Appendix D.

Outfall 16-1205 (Westowne Avenue)

Outfall 16-1205 consists of a 15-inch RCP that discharges the flow from one curb inlet on Westowne Avenue into the detention basin adjacent to the Shell gas station and McDonalds. Because the outfall is typically partially submerged, it is sometimes screened at the upstream curb inlet (16-1205 US1) located approximately 36 feet upstream of the outfall, in Westowne Ave.



Figure 18 – Outfall 16-1205 (2021)



Figure 19 – Upstream curb inlet 16-1205 US1 (2019)

During previous screenings, the sample collected from the upstream curb inlet sump has tested positive for detergent. During the 8/17/2021 screening, heavy traffic on Washburn Street prevented a sample from being collected from the curb inlet, so the sample was collected from the submerged pool at the end of the outfall pipe. This sample had 0.6 mg/L detergent and elevated conductivity. During a follow-up screening on 8/31/2021, the water level in the curb inlet sump was three inches below the outlet pipe, so there was no flow. A sample was collected from the detention basin for comparison. No detergent was detected in the sample.

The samples collected from the outfall and upstream manhole during prior screenings are summarized in Table 9:

Table 9 - Sample results from outfall 16-1205

Date	Location	Ammonia (ppm)	Detergent (mg/L)	pH	Conductivity (µS/cm)
6/21/2012	Upstream	N/A	N/A	N/A	N/A
9/28/2015	Upstream	N/A	N/A	N/A	N/A
10/18/2016	Upstream	N/A	N/A	N/A	N/A
10/3/2017	Upstream	N/A	N/A	N/A	N/A
10/25/2018	Upstream	0	0.55	7.68	661
10/26/2018	Upstream	0	0.5	7.42	74
10/8/2019	Upstream	0	0.6	7.64	517
8/20/2020	No Flow				
8/17/2021	Outfall	0	0.6	7.40	2,580
8/31/2021	Pond	0	0	8.19	777

In past years, if the sump level was below the level of the outfall pipe, no sample was collected.

Because this outfall is classified as a priority outfall, it is scheduled to be rescreened in 2022.

Additional information related to the investigation of this outfall is contained in Appendix D.

STATUS OF PRIOR YEAR'S ISSUES

During the 2020 ongoing screening program, 90 outfalls were screened. The screening revealed 18 potential illicit discharges. Those outfalls identified as potential or obvious illicit discharges

were typically recommended to be rescreened in the following year, regardless of their priority status or inspection schedule.

Table 10 summarizes the issues that were identified in 2020, along with the conditions that were observed during the 2021 rescreening. Follow-up actions for outfalls that are still listed as potential or obvious illicit discharges are discussed in greater detail in the “Potential Illicit Discharges” section of this report. If the rescreening resulted in an unlikely illicit discharge, the outfall will return to its normal screening schedule.

Table 10 – Outfalls with elevated illicit discharge classifications (prior year)

Outfall	2020 Classification	2020 Reason	2021 Observations	2021 Classification
01-520	Potential	Persistent gross solids in upstream manhole (also present in 2009-2019). (Historical results of detergent.)	Persistent gross solids in upstream manhole.	Potential
02-357	Potential	Persistent gross solids in upstream manhole (also present in 2011, 2012, 2014-2019).	Persistent gross solids in upstream manhole.	Potential
03-22	Potential	Persistent gross solids in upstream manhole (also present in 2009-2019). (Historical results of detergent.)	Persistent gross solids in upstream manhole.	Potential
03-35	Potential	Persistent gross solids in upstream manhole (also present in 2009-2013, 2015-2019). Slightly elevated ammonia in upstream manhole. (Historical results of detergent.)	Persistent gross solids in upstream manhole.	Potential
03-81	Potential	Persistent gross solids in upstream manhole (also present in 2009, 2010, 2014, 2016-2019). (Past results of oil sheen/odor, detergent and elevated ammonia.)	Persistent gross solids in upstream manhole.	Potential
03-173	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2019). (Historical results of detergent.)	Persistent gross solids in upstream manhole.	Potential

Outfall	2020 Classification	2020 Reason	2021 Observations	2021 Classification
03-381	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2019). Ammonia above action limit.	Persistent gross solids in upstream manhole.	Potential
06-52	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2019).	Persistent gross solids in upstream manhole.	Potential
08-284	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2019).	Persistent gross solids in upstream manhole.	Potential
08-347	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2019).	Slight gross solids in upstream manhole – less severe than other years.	Unlikely
09-641	Potential	Persistent gross solids in upstream manhole.	Not screened in 2021.	
11-177	Potential	Persistent gross solids in upstream manhole (also present in 2011 and 2019).	Persistent gross solids in upstream manhole.	Potential
11-376	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2019).	Persistent gross solids in upstream manhole.	Potential
11-512	Potential	Persistent gross solids in upstream manhole (also present in 2011, 2012, 2014-2019).	Persistent gross solids in upstream manhole.	Potential
12-890	Potential	Elevated ammonia in upstream manhole (also elevated in 2010 and 2015).	Not screened in 2021.	
13-471	Potential	Detergent detected in outfall flow. (Detergent also present in 2018 and 2019, elevated pH in 2019.)	Detergent detected in outfall flow.	Potential

Outfall	2020 Classification	2020 Reason	2021 Observations	2021 Classification
16-1178 (formerly 16-533)	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2011, 2014-2019). (Historical results of detergent.)	Persistent gross solids in upstream manhole.	Potential
16-594	Potential	Persistent gross solids in upstream manhole (also present in 2010, 2016-2019).	Persistent gross solids in upstream manhole.	Potential

OUTFALL CONDITION ASSESSMENTS

While not required for the illicit discharge field screening, Westwood's inspectors noted the presence of any structural damage, significant deposition or erosion, or graffiti at the outfalls. This information can be passed along to the appropriate personnel for any necessary action.

Damage

Nine outfalls showed signs of damage that may require attention in the near future. Observed damage included displaced concrete pipe joints, corrosion and crushing at corrugated metal pipes (CMP), and undercut pipe ends and aprons.

The outfall damage that was observed during the ongoing screening program is summarized in Table 11.

Table 11 – Outfalls with damage

Outfall	Severity	Description
13-1673	Minor	Apron displaced 3" from pipe. Spalled concrete on apron.
13-3130	Minor	Apron undercut 6".
13-3636	Moderate	Apron displaced 3" from pipe.
13-3861	Minor	Apron displaced 3" from pipe.
13-3869	Moderate	Apron displaced 3" from pipe.
14-999	Minor	End pipe segment displaced 3".
15-1217	Minor	Corrugated metal pipe with corrosion and slightly crushed.
15-1219	Moderate	Corrugated metal pipe with corrosion and slightly crushed.
Wash41_03	Minor	Surface corrosion on corrugated metal pipe.

The outfall damage is shown in the photos that follow. The locations of the damaged outfalls are shown on the map in Appendix C.



Figure 20 – Displaced apron at outfall 13-1673



Figure 21 – Concrete spalling at outfall 13-1673



Figure 22 – Undercut apron at outfall 13-3130



Figure 23 – Displaced apron at outfall 13-3636



Figure 24 – Displaced apron at outfall 13-3861



Figure 25 – Displaced apron at outfall 13-3869



Figure 26 – Displaced pipe at outfall 14-999



Figure 27 – Corrosion and crushing at outfall 15-1217



Figure 28 – Corrosion and crushing at outfall 15-1219



Figure 29 – Corrosion at outfall Wash41_03

Deposition

A total of 16 outfalls showed minor, moderate or severe deposition at the end of the outfall pipe or channel, or inside the upstream screening location. As deposition increases, flow may become restricted in the pipe or downstream channel. Outfalls with moderate or severe deposition may need to undergo maintenance to remove the deposited sediment and debris and maintain proper flow.

The outfall deposition that was observed during the ongoing screening program is summarized in Table 12.

Table 12 – Outfalls with deposition

Outfall	Severity	Description
12-2126	Moderate	3" of sediment and vegetation on apron.
12-2128	Minor	1" of sediment and vegetation on apron.
12-2538	Minor	1" of sediment in pipe and on apron.
12-2551	Minor	1" of sediment and vegetation on apron.
03-381 US1	Moderate	3" of sediment in bottom of manhole.

Outfall	Severity	Description
13-1098	Moderate	16" of sediment in submerged pipe.
13-1769	Minor	1" of sediment on apron.
13-2371	Minor	1" of sediment and vegetation on apron.
13-3021	Moderate	10" of sediment in pipe and on apron.
13-4107	Minor	1" of sediment and vegetation in pipe and on apron.
14-999	Minor	1" of sediment in pipe.
15-1217	Minor	2" of sediment in pipe.
15-2409	Minor	2" of sediment in pipe and on apron.
15-2412	Minor	2" of sediment in pipe and on side of apron.
15-571	Minor	2" of sediment on apron.
16-660	Minor	1" of sediment on apron.

The outfall deposition is shown in the photos that follow. The locations of the outfalls with deposition are shown on the map in Appendix C.



Figure 30 – Moderate deposition at outfall 12-2126



Figure 31 – Minor deposition at outfall 12-2128



Figure 32 – Minor deposition at outfall 12-2538



Figure 33 – Minor deposition at outfall 12-2551



Figure 34 – Minor deposition in manhole 03-381 US1



Figure 35 – Moderate deposition at outfall 13-1098



Figure 36 – Minor deposition at outfall 13-1769



Figure 37 – Minor deposition at outfall 13-2371



Figure 38 – Moderate deposition at outfall 13-3021



Figure 39 – Minor deposition at outfall 13-4107



Figure 40 – Minor deposition at outfall 14-999



Figure 41 – Minor deposition at outfall 15-1217



Figure 42 – Minor deposition at outfall 15-2409



Figure 43 – Minor deposition at outfall 15-2412



Figure 44 – Minor deposition at outfall 15-571



Figure 45 – Minor deposition at outfall 16-660

Erosion

Three of the outfalls showed signs of erosion at the end of the outfall pipe or channel. Most of the outfalls with minor erosion could be repaired with minor landscaping repairs. Those outfalls

with moderate or severe erosion may need additional structural reinforcement, such as turf reinforcement mat or riprap.

The erosion that was observed during the ongoing screening program is summarized in Table 13.

Table 13 – Outfalls with erosion

Outfall	Severity	Description
13-2135	Minor	Minor erosion downstream of outfall (past riprap).
13-3130	Minor	Erosion downstream of outfall pipe.
13-471	Severe	Streambank erosion downstream from pipe.

The outfall erosion is shown in the photo that follows. The location of the outfall with erosion is shown on the map in Appendix C.



Figure 46 – Erosion downstream of outfall 13-2135



Figure 47 – Erosion downstream of outfall 13-3130



Figure 48 – Bank erosion downstream of outfall 13-471

Graffiti

Graffiti was observed in or around one outfall. The graffiti was not severe but should probably be monitored to make sure that it does not become more severe.

The graffiti that was observed during the ongoing screening program is summarized in Table 14.

Table 14 – Outfalls with graffiti

Outfall	Severity	Description
12-569	Moderate	Graffiti on bridge abutment adjacent to outfall.

The graffiti is shown in the photo that follows. The location of the outfall with graffiti is shown on the map in Appendix C.



Figure 49 – Graffiti near outfall 12-569

2022 ONGOING SCREENING PROGRAM

The 2021 outfall screening was conducted using the revised Ongoing Screening Program as a guide. All of the outfalls that had been identified as priority outfalls had been screened, along with a subset of the non-priority outfalls.

Based on the field observations during the 2021 outfall screening, the current outfall inventory consists of 462 outfalls, with the following priority classifications:

- 41 priority outfalls
- 85 non-priority major outfalls
- 336 non-priority non-major outfalls

The Ongoing Field Screening Program (2021 revision) specifies that all priority outfalls will be screened annually. Non-priority major outfalls will be screened at least once every five years, and non-priority non-major outfalls will be screened at least once every 10 years. A preliminary screening schedule was developed with the 2021 revision and includes 92 outfalls scheduled for the 2022 screening program.

In addition, two non-priority outfalls (12-2484 and 13-3921) were identified as having potential illicit discharges in 2021 and will be re-screened in 2022 to determine if the issues persist.

If any outfalls are added, removed, or modified due to construction, the MS4 map should be updated, and the outfall screening schedule should be modified as needed.

CONCLUSION

Westwood assisted the City of Oshkosh with the 2021 ongoing screening of the MS4 outfalls, as required by the MS4 permit. A total of 90 outfalls were screened, along with upstream monitoring locations when necessary. Of those 90 outfalls, 68 exhibited unlikely potential of past illicit discharges, and 22 were classified as “potential.” These results are summarized in Figure 50:

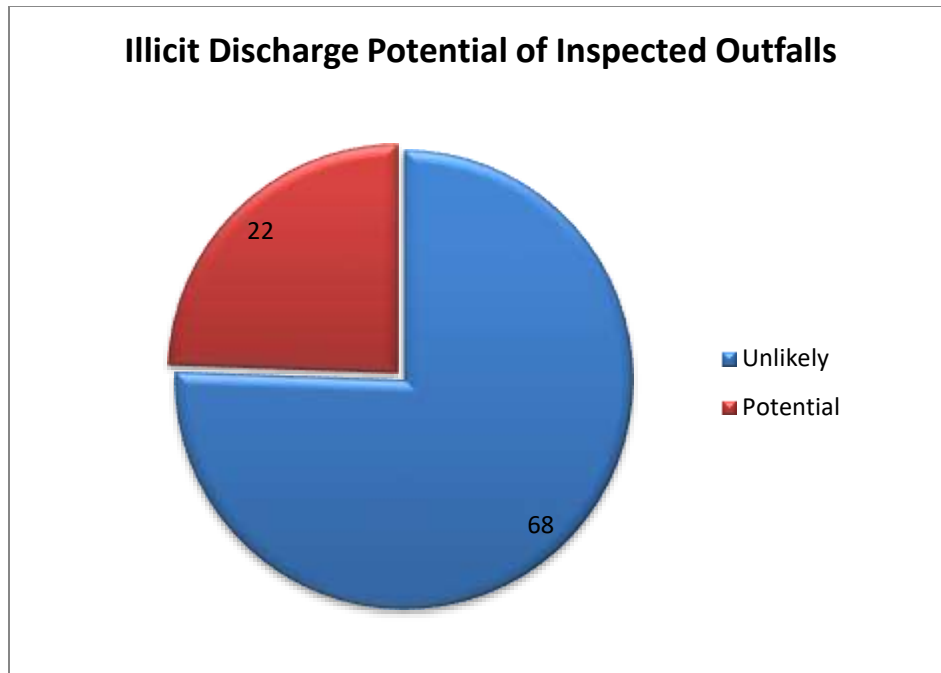


Figure 50 – Illicit discharge potential

Those outfalls classified as “potential” or “obvious” should be given special attention in the ongoing screening program. In particular, the following actions are recommended:

1. For the 16 manholes with observed gross solids, the City should remove the accumulated debris (via vacuum truck or manual methods) at least six weeks prior to the 2022 screening. This will help determine if the discharge of the solid waste into the storm sewer is ongoing. (Additional upstream manholes could also be inspected and cleaned if necessary.)
2. Schedule televising of the storm sewer branches that were classified as “potential” illicit discharges due to chemical indicators. Prioritize those branches that have had exceedances for multiple years.

The ongoing screening also identified nine outfalls with visible structural damage, 16 with deposition, three with erosion, and one with graffiti. While none of these posed an immediate danger, the City may want to address these issues as part of the regular storm sewer system maintenance.

STANDARD OF CARE

The conclusions presented in this report were arrived at using generally accepted engineering practices. The conclusions presented herein represent our professional opinions, based on data collected at the time of the inspections, at the specific inspection locations discussed in this report. Conditions at other locations in the City or at different times may be different than described in this report. The scope of this report is limited to the specific project and the inspection locations described herein.

Prepared By:



Jason Weis, P.E.
Project Engineer

Reviewed By:

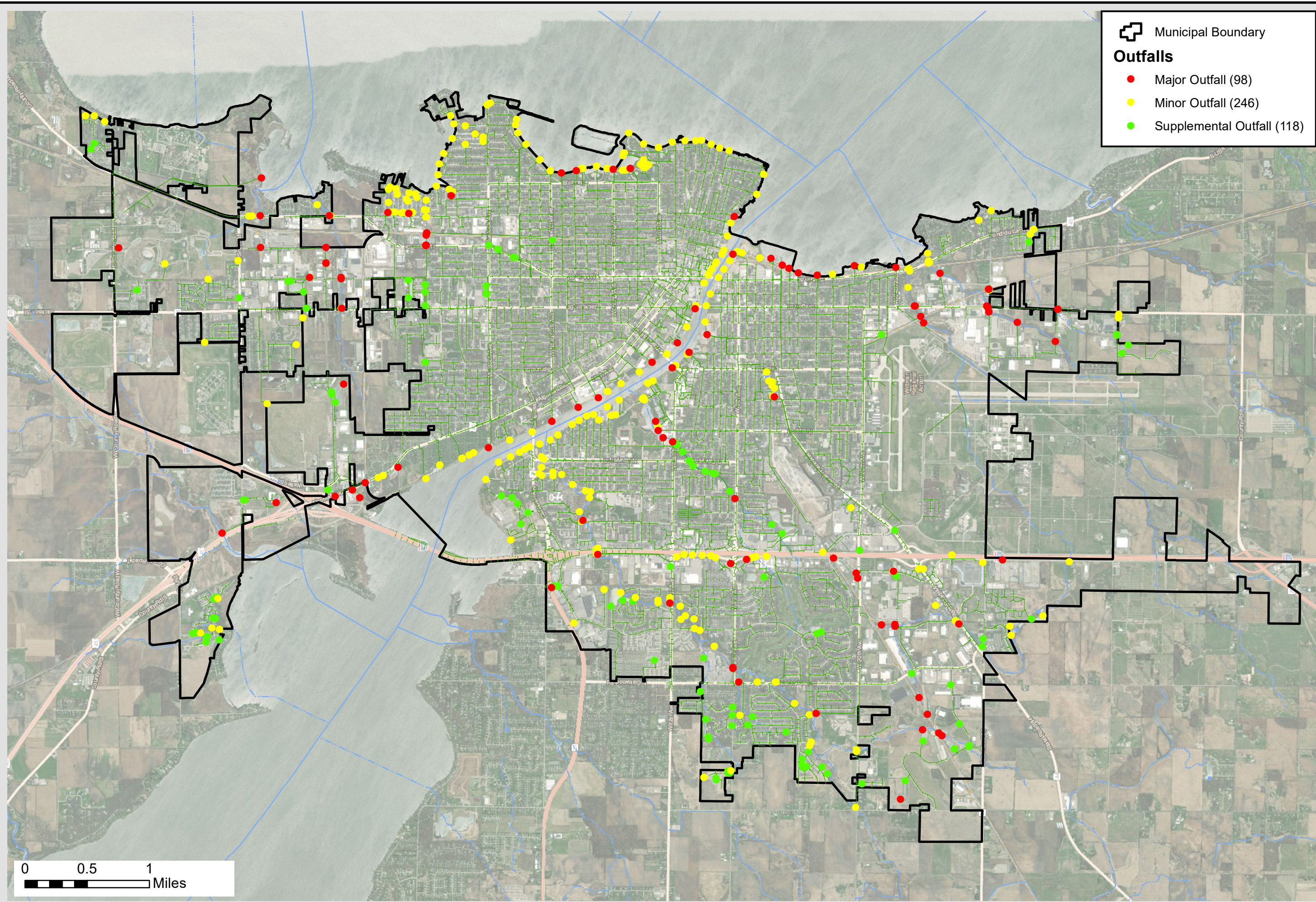



Brian D. Wayner, P.E.
Project Manager

Appendix A


MS4 Outfall Maps


- A-1 MS4 Outfall Maps
- A-2 2021 Outfall Inspection Map




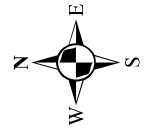
 Municipal Boundary

Outfalls

 Major Outfall (98)

 Minor Outfall (246)

 Supplemental Outfall (118)



Project Manager:
Project Engineer:
Drawn By:
Checked By:

JCW
JCW
JCW
JCW

Date:
12/13/2021

2021 IDDE ONGOING SCREENING PROGRAM

MS4 OUTFALL MAP - MAJOR/MINOR STATUS

Westwood

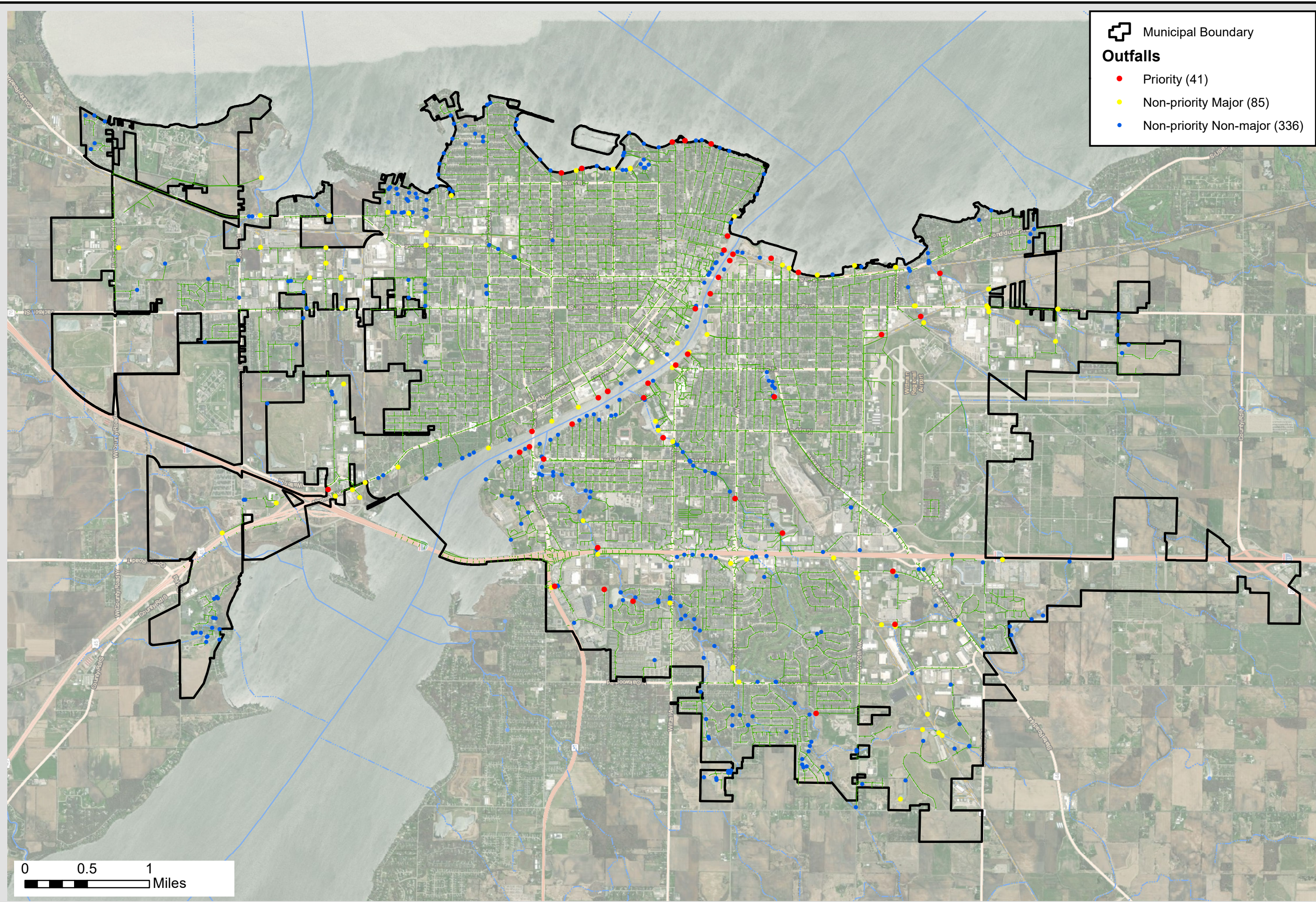
1 Systems Drive
Appleton, WI 54914
(920) 735-6900
www.westwoodps.com


SCALE:
1" = 3,698'

PROJECT NO.
R3000958.00

FIGURE NO.
A-1a

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN



 Municipal Boundary

Outfalls

- Priority (41)
- Non-priority Major (85)
- Non-priority Non-major (336)



Project Manager: JCW

Project Engineer: JCW

Drawn By: JCW

Checked By: JCW

Date: 12/13/2021

2021 IDDE ONGOING SCREENING PROGRAM

MS4 OUTFALL MAP - PRIORITY STATUS

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

Westwood

1 Systems Drive
Appleton, WI 54914
(920) 735-6900
www.westwoodps.com

SCALE:
1" = 3,698'

PROJECT NO.
R3000958.00

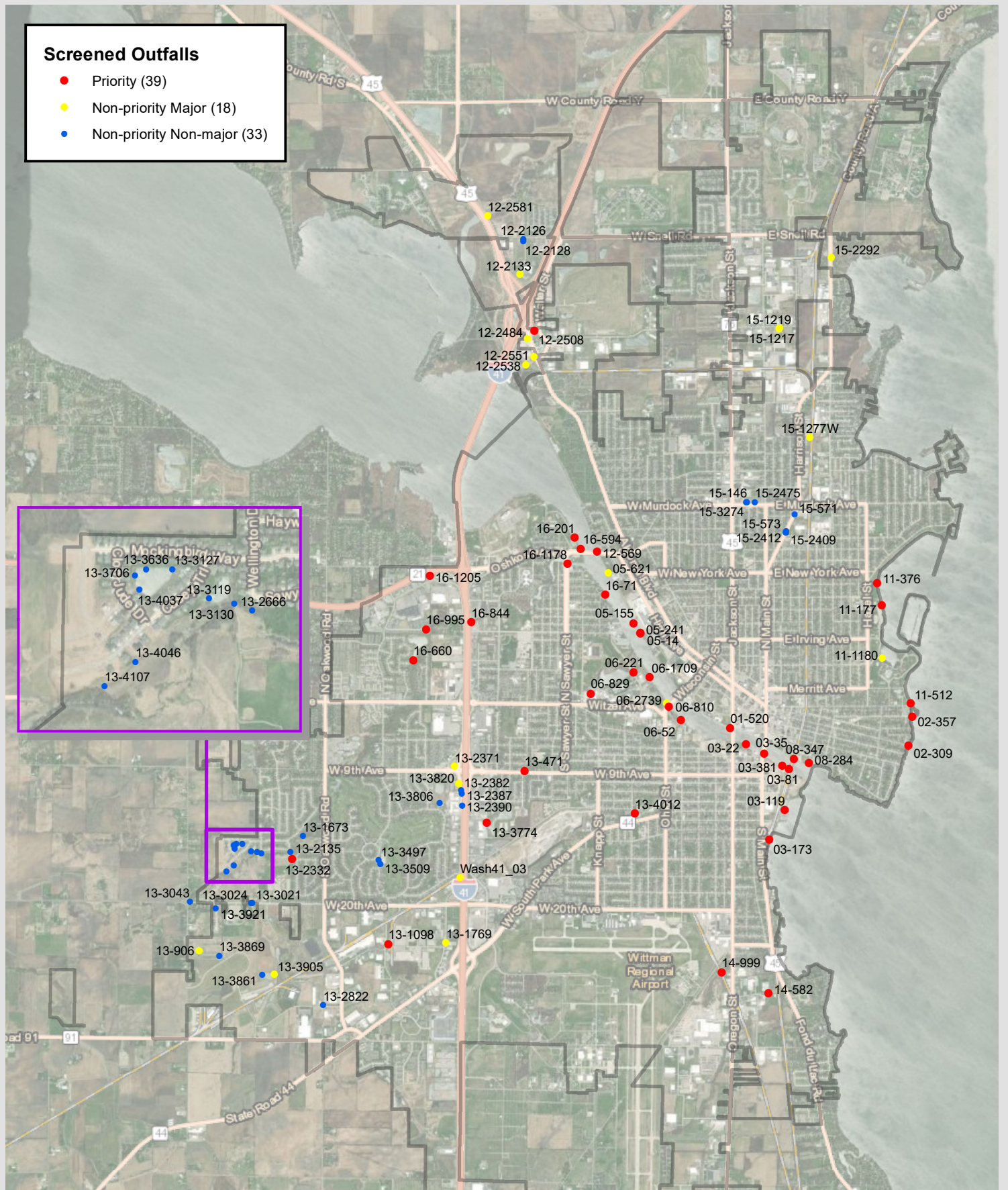
FIGURE NO.
A-1b

C:\Sync\Folders\IDDE GIS\MS4Map_11x17_Oshkosh_Priority.mxd

Printed: JCW 12/13/2021 2:44:11 PM

Screened Outfalls

- Priority (39)
- Non-priority Major (18)
- Non-priority Non-major (33)



Westwood

1 Systems Drive (920) 735-6900
Appleton, WI 54914 www.westwoodps.com



2021 IDDE ONGOING SCREENING PROGRAM 2021 OUTFALL INSPECTION MAP

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/13/2021

SCALE:
1" = 5,047'
PROJECT NO.
R3000958.00
FIGURE NO.
A-2

City of Oshkosh

MS4 Annual Report - IDDE Program Summary

Total outfalls in inventory: **462** *(current through 12/13/2021)*

Major outfalls	98	Priority outfalls	41
Minor outfalls	246	Non-priority major outfalls	85
Supplemental outfalls	118	Non-priority non-major outfalls	336

Reporting Period: **1/1/2021 to 12/31/2021**

Total outfalls screened during period:	90	% of total outfalls:	19%
Add'l upstream locations screened:	43		

Submerged status of screened outfalls

Not submerged:	21	% of inspected outfalls:	23%
Partially submerged:	30	% of inspected outfalls:	33%
Fully submerged:	37	% of inspected outfalls:	41%

Flow status of screened outfalls

No flow (dry)	15	% of inspected outfalls:	17%
Trickle flow	5	% of inspected outfalls:	6%
Moderate flow	3	% of inspected outfalls:	3%
Substantial flow		% of inspected outfalls:	
Submerged	39	% of inspected outfalls:	43%
Not located	28	% of inspected outfalls:	31%

Illicit discharge potential of screened outfalls

Unlikely:	68	% of inspected outfalls:	76%
Potential:	22	% of inspected outfalls:	24%
Obvious:		% of inspected outfalls:	

Gross solids severity in upstream manholes

None	21	% of upstream manholes:	49%
Minor	4	% of upstream manholes:	9%
Moderate	15	% of upstream manholes:	35%
Severe	3	% of upstream manholes:	7%

Total samples collected during period:	64	% of inspected outfalls:	71%
Flow samples	22	% of samples:	34%
Pool samples	42	% of samples:	66%

<u>Parameter</u>	<u>Min</u>	<u>Max</u>	<u>Action level</u>	<u># of samples exceeding action level</u>
Ammonia (ppm)	0	0.5	1	0
Free chlorine (mg/L)	0	0	detection	0
Total chlorine (mg/L)	0	0	detection	0
Detergent (mg/L)	0	1	detection	6
Conductivity (µS/cm)	55	2,580	2,000	2
pH (pH units)	6.71	8.80	< 6.0 or > 9.0	0
Temperature (°F)	68	86		

Outfall Screening Summary

Outfall ID	Priority Class*	Inspection Date	Inspection Type	Flow Description	pH	Conductivity (μS/cm)	Ammonia (ppm)	Total Chlorine (ppm)	Free Chlorine (ppm)	Detergent (mg/L)	Illicit Discharge Potential
01-520	P	8/16/2021	Ongoing	Submerged (not located)							Potential
01-520 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.57	844	0	0	0	0	Potential
02-309	P	8/16/2021	Ongoing	Submerged (not located)							Unlikely
02-309 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.53	493	0	0	0	0	Unlikely
02-357	P	8/16/2021	Ongoing	Submerged (not located)							Potential
02-357 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.59	392	0	0	0	0	Potential
03-119	P	8/16/2021	Ongoing	Submerged (not located)							Unlikely
03-119 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.41	372	0	0	0	0	Unlikely
03-173	P	8/16/2021	Ongoing	Submerged (not located)							Potential
03-173 US1		8/16/2021	Ongoing	Submerged, indeterminate	8.46	337	0	0	0	0	Potential
03-22	P	8/16/2021	Ongoing	Submerged (not located)							Potential
03-22 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.74	322	0	0	0	0	Potential
03-35	P	8/16/2021	Ongoing	Submerged (not located)							Potential
03-35 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.76	349	0	0	0	0	Potential
03-381	P	8/16/2021	Ongoing	Submerged (not located)							Potential
03-381 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.01	460	0	0	0	0	Potential
03-81	P	8/16/2021	Ongoing	Submerged (not located)							Potential
03-81 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.56	317	0	0	0	0	Potential
05-14	P	8/16/2021	Ongoing	Submerged (not located)							Potential
05-14 US1		8/16/2021	Ongoing	Submerged, indeterminate	8.00	367	0	0	0	0	Potential
05-155	P	8/16/2021	Ongoing	Submerged (not located)							Unlikely
05-155 US1		8/16/2021	Ongoing	Submerged, indeterminate	8.06	412	0	0	0	0	Unlikely
05-241	P	8/16/2021	Ongoing	Submerged (not located)							Unlikely
05-241 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.31	1,336	0	0	0	0	Unlikely
05-621	NPM	8/16/2021	Ongoing	Submerged, indeterminate							Potential
05-621 US1		8/16/2021	Ongoing	Submerged, indeterminate	8.62	322	0	0	0	0	Potential
06-1709	P	8/17/2021	Ongoing	Submerged, significant flow							Potential
06-1709 US1		8/17/2021	Ongoing	Submerged, significant flow	7.08	1,154	0	0	0	0.4	Potential
06-221	P	8/17/2021	Ongoing	Submerged (not located)							Unlikely
06-221 US1		8/17/2021	Ongoing	Submerged, indeterminate	7.34	258	0	0	0	0	Unlikely
06-2739	NPM	8/16/2021	Ongoing	Submerged, indeterminate							Unlikely
06-2739 US1		8/16/2021	Ongoing	Submerged, indeterminate	8.15	333	0	0	0	0	Unlikely
06-52	P	8/16/2021	Ongoing	Submerged (not located)							Potential
06-52 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.84	347	0	0	0	0	Potential
06-810	P	8/16/2021	Ongoing	Submerged (not located)							Unlikely
06-810 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.86	331	0	0	0	0	Unlikely
06-829	P	8/17/2021	Ongoing	Submerged, indeterminate							Unlikely
06-829 US1		8/17/2021	Ongoing	Submerged, indeterminate	7.30	1,449	0	0	0	0	Unlikely

Outfall Screening Summary

Outfall ID	Priority Class*	Inspection Date	Inspection Type	Flow Description	pH	Conductivity (µS/cm)	Ammonia (ppm)	Total Chlorine (ppm)	Free Chlorine (ppm)	Detergent (mg/L)	Illicit Discharge Potential
08-284	P	8/16/2021	Ongoing	Submerged (not located)							Potential
08-284 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.14	328	0	0	0	0	Potential
08-347	P	8/16/2021	Ongoing	Submerged (not located)							Unlikely
08-347 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.84	318	0	0	0	0	Unlikely
11-1180	NPM	8/16/2021	Ongoing	Submerged, indeterminate							Unlikely
11-1180 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.46	499	0	0	0	0	Unlikely
11-177	P	8/16/2021	Ongoing	Submerged, indeterminate							Potential
11-177 US1		8/16/2021	Ongoing	Submerged, indeterminate	8.11	372	0	0	0	0	Potential
11-376	P	8/16/2021	Ongoing	Submerged (not located)							Potential
11-376 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.67	572	0	0	0	0	Potential
11-512	P	8/16/2021	Ongoing	Submerged (not located)							Potential
11-512 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.65	345	0	0	0	0	Potential
12-2126	NPNM	8/17/2021	Ongoing	None							Unlikely
12-2128	NPNM	8/17/2021	Ongoing	Submerged, no flow							Unlikely
12-2133	NPM	8/17/2021	Ongoing	Submerged, indeterminate							Unlikely
12-2133 US1		8/17/2021	Ongoing	Submerged, indeterminate	6.71	1,382	0	0	0	0	Unlikely
12-2484	NPM	8/17/2021	Ongoing	Submerged, slight flow	7.57	964	0	0	0	0.8	Potential
12-2508	P	8/17/2021	Ongoing	Trickle	8.09	778	0	0	0	0	Unlikely
12-2538	NPM	8/17/2021	Ongoing	Submerged, indeterminate	7.64	1,393	0	0	0	0	Unlikely
12-2551	NPM	8/17/2021	Ongoing	None							Unlikely
12-2581	NPM	8/17/2021	Ongoing	Submerged, indeterminate	8.80	530	0	0	0	0	Unlikely
12-569	P	8/17/2021	Ongoing	Submerged (not located)							Unlikely
12-569 US1		8/17/2021	Ongoing	Submerged, indeterminate	7.15	454	0	0	0	0	Unlikely
13-1098	P	8/31/2021	Ongoing	Submerged, significant flow	6.98	1,980	0	0	0	0	Unlikely
13-1673	NPNM	8/23/2021	Ongoing	Submerged, slight flow	6.83	834	0	0	0	0	Unlikely
13-1769	NPM	8/31/2021	Ongoing	Submerged, indeterminate							Unlikely
13-1769 US1		8/31/2021	Ongoing	Submerged, slight flow	7.81	1,181	0	0	0	0	Unlikely
13-2135	NPNM	8/23/2021	Ongoing	Submerged, slight flow	6.92	590	0	0	0	0	Unlikely
13-2332	P	8/23/2021	Ongoing	Submerged, slight flow	7.63	1,041	0	0	0	0	Unlikely
13-2371	NPM	8/31/2021	Ongoing	None							Unlikely
13-2382	NPNM	8/31/2021	Ongoing	None							Unlikely
13-2382 US2		8/31/2021	Ongoing	Submerged, indeterminate	7.77	55	0	0	0	0	Unlikely
13-2387	NPNM	8/31/2021	Ongoing	Submerged (not located)							Unlikely
13-2387 US1		8/31/2021	Ongoing	None							Unlikely
13-2390	NPNM	8/31/2021	Ongoing	Submerged (not located)							Unlikely
13-2390 US1		8/31/2021	Ongoing	None							Unlikely
13-2666	NPNM	8/23/2021	Ongoing	None							Unlikely
13-2822	NPNM	8/23/2021	Ongoing	Submerged, indeterminate							Unlikely
13-2822 US1		8/23/2021	Ongoing	Submerged, indeterminate	6.80	1,064	0	0	0	0	Unlikely

Outfall Screening Summary

Outfall ID	Priority Class*	Inspection Date	Inspection Type	Flow Description	pH	Conductivity (μS/cm)	Ammonia (ppm)	Total Chlorine (ppm)	Free Chlorine (ppm)	Detergent (mg/L)	Illicit Discharge Potential
13-3021	NPNM	8/23/2021	Ongoing	None							Unlikely
13-3024	NPNM	8/23/2021	Ongoing	Submerged, no flow	7.50	1,886	0.5	0	0	0	Unlikely
13-3043	NPNM	8/23/2021	Ongoing	Submerged, slight flow	7.39	891	0	0	0	0	Unlikely
13-3119	NPNM	8/23/2021	Ongoing	Trickle	7.46	865	0	0	0	0	Unlikely
13-3127	NPNM	8/23/2021	Ongoing	Submerged, indeterminate							Unlikely
13-3127 US1		8/23/2021	Ongoing	Submerged, indeterminate	7.92	673	0	0	0	0	Unlikely
13-3130	NPNM	8/23/2021	Ongoing	Moderate	7.72	346	0	0	0	0	Unlikely
13-3497	NPNM	8/23/2021	Ongoing	Submerged, slight flow	7.14	1,095	0	0	0	0	Unlikely
13-3509	NPNM	8/23/2021	Ongoing	Trickle	7.55	851	0	0	0	0	Unlikely
13-3636	NPNM	8/23/2021	Ongoing	None							Unlikely
13-3706	NPNM	8/23/2021	Ongoing	Submerged, no flow							Unlikely
13-3774	P	8/23/2021	Ongoing	Trickle	7.31	1,720	0	0	0	0	Unlikely
13-3806	NPNM	8/31/2021	Ongoing	Submerged, indeterminate							Unlikely
13-3806 US1		8/31/2021	Ongoing	Submerged, significant flow	7.58	759	0	0	0	0	Unlikely
13-3820	NPM	8/31/2021	Ongoing	Submerged (not located)							Unlikely
13-3820 US1		8/31/2021	Ongoing	Submerged, significant flow	7.23	414	0	0	0	0	Unlikely
13-3861	NPNM	8/23/2021	Ongoing	Submerged, slight flow	7.78	862	0	0	0	0	Unlikely
13-3869	NPNM	8/23/2021	Ongoing	Moderate	7.25	921	0	0	0	0	Unlikely
13-3905	NPM	8/23/2021	Ongoing	Submerged, no flow	8.30	245	0	0	0	0	Unlikely
13-3921	NPNM	8/23/2021	Ongoing	Submerged, slight flow	7.58	1,004	0	0	0	0.9	Potential
13-4012	P	8/16/2021	Ongoing	Submerged (not located)							Unlikely
13-4012 US1		8/16/2021	Ongoing	Submerged, indeterminate	7.40	1,233	0	0	0	0	Unlikely
13-4037	NPNM	8/23/2021	Ongoing	None							Unlikely
13-4046	NPNM	8/23/2021	Ongoing	Submerged, no flow							Unlikely
13-4107	NPNM	8/23/2021	Ongoing	None							Unlikely
13-471	P	8/23/2021	Ongoing	Submerged, slight flow	7.81	1,140	0	0	0	1	Potential
13-906	NPM	8/23/2021	Ongoing	Moderate	7.16	370	0	0	0	0	Unlikely
14-582	P	8/16/2021	Ongoing	Submerged, slight flow	7.37	991	0	0	0	0	Unlikely
14-999	P	8/16/2021	Ongoing	None							Unlikely
15-1217	NPM	8/31/2021	Ongoing	Submerged, indeterminate							Unlikely
15-1217 US1		8/31/2021	Ongoing	Trickle	7.21	970	0	0	0	0	Unlikely
15-1219	NPM	8/31/2021	Ongoing	Submerged, slight flow	7.16	936	0	0	0	0	Unlikely
15-1277W	NPM	8/17/2021	Ongoing	None							Unlikely
15-146	NPNM	8/17/2021	Ongoing	Submerged, slight flow	8.30	824	0	0	0	0	Unlikely
15-2292	NPM	8/31/2021	Ongoing	Submerged, slight flow	6.96	1,065	0	0	0	0	Unlikely
15-2409	NPNM	8/17/2021	Ongoing	None							Unlikely
15-2412	NPNM	8/17/2021	Ongoing	None							Unlikely
15-2475	NPNM	8/17/2021	Ongoing	Submerged, no flow	7.77	2,200	0	0	0	0	Unlikely
15-3274	NPNM	8/17/2021	Ongoing	Submerged, slight flow	7.96	857	0	0	0	0	Unlikely

Outfall Screening Summary

Outfall ID	Priority Class*	Inspection Date	Inspection Type	Flow Description	pH	Conductivity (µS/cm)	Ammonia (ppm)	Total Chlorine (ppm)	Free Chlorine (ppm)	Detergent (mg/L)	Illicit Discharge Potential
15-571	NPNM	8/17/2021	Ongoing	None							Unlikely
15-573	NPNM	8/17/2021	Ongoing	None							Unlikely
16-1178	P	8/31/2021	Ongoing	Submerged (not located)							Unlikely
16-1178 US1		8/31/2021	Ongoing	Submerged, indeterminate	7.29	389	0	0	0	0	Potential
16-1205	P	8/17/2021	Ongoing	Submerged, indeterminate	7.40	2,580	0	0	0	0.6	Potential
16-201	P	8/17/2021	Ongoing	Submerged (not located)							Unlikely
16-201 US1		8/17/2021	Ongoing	Submerged, indeterminate	7.50	315	0	0	0	0	Unlikely
16-594	P	8/17/2021	Ongoing	Submerged (not located)							Potential
16-594 US1		8/17/2021	Ongoing	Submerged, indeterminate	7.66	205	0	0	0	0	Potential
16-660	P	8/17/2021	Ongoing	Submerged, indeterminate							Unlikely
16-660 US1		8/17/2021	Ongoing	Moderate	7.53	918	0	0	0	0	Unlikely
16-71	P	8/17/2021	Ongoing	Submerged (not located)							Unlikely
16-71 US1		8/17/2021	Ongoing	Submerged, indeterminate	7.86	322	0	0	0	0	Unlikely
16-844	P	8/17/2021	Ongoing	Trickle	8.14	1,990	0	0	0	0.65	Potential
16-995	P	8/17/2021	Ongoing	Submerged, indeterminate							Unlikely
16-995 US1		8/17/2021	Ongoing	Submerged, indeterminate	7.53	801	0	0	0	0	Unlikely
Wash41_03	NPM	8/31/2021	Ongoing	Submerged, significant flow	7.71	845	0	0	0	0	Unlikely

*Priority Class:

P = Priority Outfall

NPM = Non-Priority Outfall

NPNM = Non-Priority Non-Major Outfall

Appendix B

Outfall Inspection Reports

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 54

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20200819131538.JPG

Outfall Notes:

Storm sewer from Jackson St discharges to river from north. Outfall fully submerged - pipe info from MS4 map. (OSH-9424 in early reports.)

County Coordinates:

Northing: 472,395

Easting: 791,740

Latitude/Longitude:

Latitude: 44.01541

Longitude: -88.54280

Location Map



Inspection Date: 8/16/2021 10:15:00 AM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 01-520 US1. Floating gross solids (litter) in upstream manhole.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in):

Damage: ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage



o20210816101510.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 1:19:20 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 01-520 US1. Floating gross solids (litter) in upstream manhole.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20200819131544.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2020</div>		

Inspection Date: 11/5/2019 11:04:00 AM		Type: Repeat	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged - screened upstream at 01-520 US1. Follow-up inspection for sampling - limited screening conducted.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20191105110258.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2019</div>		

Inspection Date: 10/8/2019 9:16:36 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged - screened upstream at 01-520 US1. Floating gross solids (litter) in manhole.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20191008081446.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2019</div>		

Inspection Date: 10/24/2018 11:06:05 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged - screened upstream at 01-520 US1. Floating gross solids (litter) in manhole.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20181024110412.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2018</div>		


Inspection Date: 10/17/2017 3:18:17 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 39		
Sampling Results		Notes		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	



o20171017151448.JPG

2017


Inspection Date: 10/18/2016 3:38:45 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 33		
Sampling Results		Notes		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Severe		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	



o20161018153652.JPG

2016


Inspection Date: 9/22/2015 2:05:49 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	



o20150922130830.JPG

2015


Inspection Date: 10/9/2014 8:38:02 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 56		
Sampling Results		Notes		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Moderate		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	



o20141009073704.JPG

2014


Inspection Date: 9/5/2013 12:59:39 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 49			Outfall fully submerged. Outfall screened upstream at 01-520 US1. 2012 screening follow-up. Gross solids in upstream mh.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Moderate		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20130905120336.JPG

2013


Inspection Date: 9/27/2012 9:53:44 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 40			Outfall fully submerged; screened upstream at 01-520 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20120927085734.JPG

2012

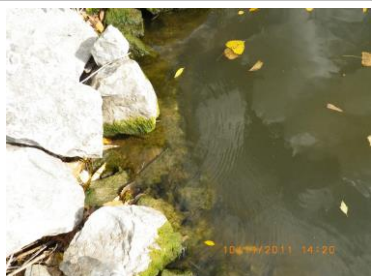
Inspection Date: 6/21/2012 10:35:10 AM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Gross solids pre-screening. Outfall fully submerged; screened upstream at 01-520 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20120621092646.JPG

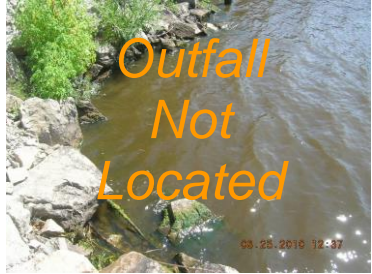
2012


Inspection Date: 10/11/2011 2:19:37 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			2010 screening follow-up. Outfall fully submerged. Outfall screened upstream at 01-520 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None 0 in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20111011142004.JPG

2011

Inspection Date: 8/25/2010 12:43:21 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Potential		Inspector: JCW		 <p style="text-align: center;">2010</p>																											
Submerged: Fully		Depth (in):																													
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Total Chlorine: -- ppm</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Free Chlorine: -- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Ammonia: -- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>pH: -- units</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>Temperature -- °F</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Conductivity: -- µS/cm</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Detergents: -- mg/L</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td></td> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Sample Location:	Floatables:		None	Total Chlorine: -- ppm	Odor:	None	Free Chlorine: -- ppm	Turbidity:	None	Ammonia: -- ppm	Color:	None	pH: -- units	Gross Solids:	None	Temperature -- °F	Vegetation:	None	Conductivity: -- µS/cm	Benthic Growth:	None	Detergents: -- mg/L	Stains:	None		Non-illicit:	None	Notes Outfall fully submerged and not physically located. Outfall screened upstream at 01-520 US1.	
Sample Location:	Floatables:	None																													
Total Chlorine: -- ppm	Odor:	None																													
Free Chlorine: -- ppm	Turbidity:	None																													
Ammonia: -- ppm	Color:	None																													
pH: -- units	Gross Solids:	None																													
Temperature -- °F	Vegetation:	None																													
Conductivity: -- µS/cm	Benthic Growth:	None																													
Detergents: -- mg/L	Stains:	None																													
	Non-illicit:	None																													
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																													

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Potential		Inspector: JCW		 <p style="text-align: center;">2009</p>																											
Submerged: Fully		Depth (in): 56																													
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Total Chlorine: -- ppm</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Free Chlorine: -- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Ammonia: -- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>pH: -- units</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>Temperature -- °F</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Conductivity: -- µS/cm</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Detergents: -- mg/L</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td></td> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Sample Location:	Floatables:		None	Total Chlorine: -- ppm	Odor:	None	Free Chlorine: -- ppm	Turbidity:	None	Ammonia: -- ppm	Color:	None	pH: -- units	Gross Solids:	None	Temperature -- °F	Vegetation:	None	Conductivity: -- µS/cm	Benthic Growth:	None	Detergents: -- mg/L	Stains:	None		Non-illicit:	None	Notes Outfall fully submerged and not physically located. Outfall screened upstream at 01-520 US1.	
Sample Location:	Floatables:	None																													
Total Chlorine: -- ppm	Odor:	None																													
Free Chlorine: -- ppm	Turbidity:	None																													
Ammonia: -- ppm	Color:	None																													
pH: -- units	Gross Solids:	None																													
Temperature -- °F	Vegetation:	None																													
Conductivity: -- µS/cm	Benthic Growth:	None																													
Detergents: -- mg/L	Stains:	None																													
	Non-illicit:	None																													
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																													

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

01-520

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20200819131602.JPG

Outfall Notes:

Upstream manhole located approx 25 ft N of outfall 01-520. Intermediate area consists of rip-rap shoreline. (OSH-9424 US1 in early reports.)

County Coordinates:

Northing: 472,419

Easting: 791,742

Latitude/Longitude:

Latitude: 44.01547

Longitude: -88.54279

Location Map**Inspection Date:** 8/16/2021 10:19:15 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully

Depth (in): 71

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816101558.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-40

Time Collected: 10:15

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 7.57 units

Temperature (field): 76 °F


Conductivity (field): 844 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 1:20:07 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 68		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Elevated pH seemed widespread in river.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 9.11 units	Gross Solids: Severe			
Temperature: 85 °F	Vegetation: None			
Conductivity: 372 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			


 o20200819131610.JPG
2020


Inspection Date: 11/5/2019 11:05:04 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 67		
Sampling Results		Notes Detergent detection follow-up. Limited screening conducted.		
Sample Location: Pool	Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: -- ppm	Odor: None			
Free Chlorine: -- ppm	Turbidity: None			
Ammonia: -- ppm	Color: None			
pH: -- units	Gross Solids: Severe			
Temperature: -- °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



 o20191105110322.JPG
2019


Inspection Date: 10/8/2019 9:18:01 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 73		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Detergent detected.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.28 units	Gross Solids: Severe			
Temperature: 61 °F	Vegetation: None			
Conductivity: 381 µS/cm	Benthic Growth: None			
Detergents: 0.9 mg/L	Stains: None			
	Non-illicit: None			



 o20191008081524.JPG
2019


Inspection Date: 10/24/2018 11:07:34 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 70		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.02 units	Gross Solids: Severe			
Temperature: 49 °F	Vegetation: None			
Conductivity: 336 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



 o20181024110538.JPG
2018


Inspection Date: 10/17/2017 3:21:22 PM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 48-72	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20171017151640.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>	
Submerged: Fully		Depth (in): 67		Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Graffiti: None			
Total Chlorine: 0 ppm		Odor: None		Erosion: None			
Free Chlorine: 0 ppm		Turbidity: None		Deposition: None in.			
Ammonia: 0 ppm		Color: None		Damage: None			
pH: 7.72 units		Gross Solids: Severe					
Temperature 67 °F		Vegetation: None					
Conductivity: 896 µS/cm		Benthic Growth: None					
Detergents: 0 mg/L		Stains: None					
		Non-illicit: None					


Inspection Date: 10/18/2016 3:42:40 PM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20161018153916.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>	
Submerged: Fully		Depth (in): 67		Potential illicit discharge due to gross solids.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Graffiti: None			
Total Chlorine: 0 ppm		Odor: None		Erosion: None			
Free Chlorine: 0 ppm		Turbidity: None		Deposition: None in.			
Ammonia: 0 ppm		Color: Faint in bottle		Damage: None			
pH: 8.16 units		Gross Solids: Severe					
Temperature 66 °F		Vegetation: None					
Conductivity: 531 µS/cm		Benthic Growth: None					
Detergents: 0 mg/L		Stains: None					
		Non-illicit: None					


Inspection Date: 9/22/2015 2:08:37 PM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20150922130946.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>	
Submerged: Fully		Depth (in): 70		Floating gross solids (litter) in manhole.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Graffiti: None			
Total Chlorine: 0 ppm		Odor: None		Erosion: None			
Free Chlorine: 0 ppm		Turbidity: None		Deposition: None in.			
Ammonia: 0 ppm		Color: None		Damage: None			
pH: 8.1 units		Gross Solids: Severe					
Temperature 76 °F		Vegetation: None					
Conductivity: 917 µS/cm		Benthic Growth: None					
Detergents: 0 mg/L		Stains: None					
		Non-illicit: None					


Inspection Date: 10/9/2014 8:42:09 AM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20141009073910.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2014</p>	
Submerged: Fully		Depth (in): 64		Floating gross solids (litter) inside manhole.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Graffiti: None			
Total Chlorine: 0 ppm		Odor: Faint		Erosion: None			
Free Chlorine: 0 ppm		Turbidity: None		Deposition: None in.			
Ammonia: 0 ppm		Color: None		Damage: None			
pH: 7.84 units		Gross Solids: Severe					
Temperature 57 °F		Vegetation: None					
Conductivity: 1318 µS/cm		Benthic Growth: Slight					
Detergents: 0 mg/L		Stains: None					
		Non-illicit: None					


Inspection Date: 9/5/2013 1:02:45 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 69	2012 screening follow-up. Significant gross solids in manhole - similar to previous years.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	 o20130905120924.JPG 2013	
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: Severe		
pH: 8.51 units		Vegetation: None		
Temperature: 76 °F		Benthic Growth: None		
Conductivity: 424 µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		
			Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 9/27/2012 9:57:25 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 69	2011 gross solids follow-up.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	 o20120927085918.JPG 2012	
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0.5 ppm		Gross Solids: Severe		
pH: 7.77 units		Vegetation: None		
Temperature: 60 °F		Benthic Growth: None		
Conductivity: 542 µS/cm		Stains: Slight		
Detergents: 0 mg/L		Non-illicit: None		
			Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 6/21/2012 10:34:01 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 70	Gross solids pre-screening.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: --		Odor: None	 o20120621092424.JPG 2012	
Total Chlorine: -- ppm		Turbidity: None		
Free Chlorine: -- ppm		Color: None		
Ammonia: -- ppm		Gross Solids: Severe		
pH: -- units		Vegetation: None		
Temperature: -- °F		Benthic Growth: None		
Conductivity: -- µS/cm		Stains: Moderate		
Detergents: -- mg/L		Non-illicit: None		
			Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 10/11/2011 2:24:37 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 64	2010 screening follow-up. Floatable debris still present.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	 o20111011142110.JPG 2011	
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: Severe		
pH: 8.49 units		Vegetation: None		
Temperature: 71 °F		Benthic Growth: None		
Conductivity: -- µS/cm		Stains: None		
Detergents: -- mg/L		Non-illicit: None		
			Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	

Inspection Date: 5/26/2011 11:13:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Limited screening conducted to check for floatable debris.	
Submerged: Fully		Depth (in):	 o20110526111400.JPG <div style="font-size: 24pt; font-weight: bold; text-align: center;">2011</div>	
Sampling Results		Floatables: None		
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids: Severe		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit: None		
Condition Assessment			Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	

Inspection Date: 8/25/2010 12:53:35 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Significant floatable debris in manhole.	
Submerged: Fully		Depth (in): 72	 o20100825124708.JPG <div style="font-size: 24pt; font-weight: bold; text-align: center;">2010</div>	
Sampling Results		Floatables: None		
Sample Location: Pool		Odor: None		
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: Faint in bottle		
Ammonia: 0 ppm		Gross Solids: Severe		
pH: 8.18 units		Vegetation: None		
Temperature 73 °F		Benthic Growth: None		
Conductivity: -- µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		
Condition Assessment			Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Abnormal detergent analysis result (bubbles). Significant floatables in manhole. Brown color.	
Submerged: Fully		Depth (in): 61	 Osh09_DSCN6718.JPG <div style="font-size: 24pt; font-weight: bold; text-align: center;">2009</div>	
Sampling Results		Floatables: None		
Sample Location: Pool		Odor: None		
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: Clearly visible in bottl		
Ammonia: -- ppm		Gross Solids: Severe		
pH: 8.6 units		Vegetation: None		
Temperature 78 °F		Benthic Growth: None		
Conductivity: -- µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		
Condition Assessment			Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Arch

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 24

Width (in): 35

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210816091534.JPG

Outfall Notes:

Waugoo Ave storm sewer discharges to lake from west. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 471,714

Easting: 798,728

Latitude/Longitude:

Latitude: 44.01354

Longitude: -88.51624

Location Map



Inspection Date: 8/16/2021 9:16:09 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 02-309 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage



o20210816091538.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 9/17/2019 2:26:03 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 02-309 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20190917132548.JPG 2019		

Inspection Date: 10/22/2018 10:23:45 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 02-309 US1. Floating gross solids (litter) in manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20181022102328.JPG 2018		

Inspection Date: 10/17/2017 1:41:46 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 02-309 US1. Floating gross solids (litter) in manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20171017133948.JPG 2017		

Inspection Date: 10/10/2016 10:29:27 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 02-309 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20161010102916.JPG 2016		


Inspection Date: 9/22/2015 7:50:13 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located - screened upstream at 02-309 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20150922065432.JPG

2015


Inspection Date: 10/3/2011 9:44:34 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located. Outfall screened upstream at 02-309 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20111003094448.JPG

2011

Inspection Date: 5/10/2011 8:25:00 AM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located. Outfall screened upstream at 02-309 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20110510082548.JPG

2011

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

02-309

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816091640.JPG

Outfall Notes:

Upstream manhole located approx 53 ft WNW of outfall 02-309. Intermediate area consists of open space.

County Coordinates:

Northing: 471,734

Easting: 798,678

Latitude/Longitude:

Latitude: 44.01360

Longitude: -88.51643

Location Map**Inspection Date:** 8/16/2021 9:18:55 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Partially Depth (in): 34

Illicit Discharge Potential: Unlikely**Notes:** Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816091646.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-65

Time Collected: 09:17

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.53 units


Temperature (field): 72 °F


Conductivity (field): 493 µS/cm

Detergents: 0 mg/L


Inspection Date: 9/17/2019 2:28:11 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 32		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 8.22 units</p> <p>Temperature: 75 °F</p> <p>Conductivity: 465 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20190917132614.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>		

Inspection Date: 10/22/2018 10:26:35 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 34		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.46 units</p> <p>Temperature: 58 °F</p> <p>Conductivity: 498 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Moderate</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20181022102412.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>		

Inspection Date: 10/17/2017 1:45:07 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 31		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.74 units</p> <p>Temperature: 69 °F</p> <p>Conductivity: 644 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Moderate</p> <p>Vegetation: None</p> <p>Benthic Growth: Moderate</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20171017134106.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>		

Inspection Date: 10/10/2016 10:35:02 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 28		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.54 units</p> <p>Temperature: 64 °F</p> <p>Conductivity: 592 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Moderate</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Potential illicit discharge due to gross solids.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20161010103236.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>		


Inspection Date: 9/22/2015 7:50:50 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 28	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.74 units	Gross Solids:	Slight	
Temperature	66 °F	Vegetation:	None	
Conductivity:	853 µS/cm	Benthic Growth:	Slight	
Detergents:	0 mg/L	Stains:	Slight	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20150922065636.JPG

2015


Inspection Date: 10/3/2011 9:47:42 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 32		
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	Faint	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.71 units	Gross Solids:	Slight	
Temperature	60 °F	Vegetation:	None	
Conductivity:	-- µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None 0 in.
			Damage:	None



o20111003094830.JPG

2011

Inspection Date: 5/10/2011 8:27:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Limited screening conducted for upstream manhole prescreening.	
Sampling Results				
Sample Location:		Floatables:	None	
Total Chlorine:	-- ppm	Odor:		
Free Chlorine:	-- ppm	Turbidity:		
Ammonia:	-- ppm	Color:		
pH:	-- units	Gross Solids:	Slight	
Temperature	-- °F	Vegetation:		
Conductivity:	-- µS/cm	Benthic Growth:		
Detergents:	-- mg/L	Stains:		
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None 0 in.
			Damage:	None



o20110510082708.JPG

2011

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Arch

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 24

Width (in): 35

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20200820130258.JPG

Outfall Notes:

Storm sewer from Winnebago Ave discharges to lake from northwest. Outfall not located - pipe info from MS4 map.

County Coordinates:

Northing: 472,832

Easting: 798,869

Latitude/Longitude:

Latitude: 44.01661

Longitude: -88.51570

Location Map



Inspection Date: 8/16/2021 8:57:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 02-357 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816085746.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 8/20/2020 1:04:00 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 02-357 US1. Floating gross solids (litter) in upstream manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20200820130304.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2020</div>	


Inspection Date: 9/17/2019 2:15:46 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 02-357 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20190917131538.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2019</div>	


Inspection Date: 10/22/2018 10:13:07 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 02-357 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20181022101158.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2018</div>	

Inspection Date: 10/17/2017 1:32:28 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 02-357 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20171017133026.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2017</div>	


Inspection Date: 10/10/2016 10:53:43 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																															
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Outfall fully submerged and not located - screened upstream at 02-357 US1.		 <p style="text-align: center;">o20161010105240.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</p>																															
Submerged: Fully		Depth (in):																																			
Sampling Results				Condition Assessment		Graffiti: None Erosion: None Deposition: None in. Damage: None																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:						Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None
Sample Location:																																					
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Ammonia:	-- ppm																																				
pH:	-- units																																				
Temperature:	-- °F																																				
Conductivity:	-- µS/cm																																				
Detergents:	-- mg/L																																				
Floatables:	None																																				
Odor:	None																																				
Turbidity:	None																																				
Color:	None																																				
Gross Solids:	None																																				
Vegetation:	None																																				
Benthic Growth:	None																																				
Stains:	None																																				
Non-illicit:	None																																				

Inspection Date: 9/22/2015 7:14:30 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																															
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Outfall fully submerged and not located - screened upstream at 02-357 US1.		 <p style="text-align: center;">o20150922061856.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2015</p>																															
Submerged: Fully		Depth (in):																																			
Sampling Results				Condition Assessment		Graffiti: None Erosion: None Deposition: None in. Damage: None																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:						Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None
Sample Location:																																					
Total Chlorine:	-- ppm																																				
Free Chlorine:	-- ppm																																				
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pH:	-- units																																				
Temperature:	-- °F																																				
Conductivity:	-- µS/cm																																				
Detergents:	-- mg/L																																				
Floatables:	None																																				
Odor:	None																																				
Turbidity:	None																																				
Color:	None																																				
Gross Solids:	None																																				
Vegetation:	None																																				
Benthic Growth:	None																																				
Stains:	None																																				
Non-illicit:	None																																				

Inspection Date: 10/9/2014 12:37:08 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																															
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Outfall fully submerged and not located - screened upstream at 02-357 US1.		 <p style="text-align: center;">o20141009113806.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2014</p>																															
Submerged: Fully		Depth (in):																																			
Sampling Results				Condition Assessment		Graffiti: None Erosion: None Deposition: None in. Damage: None																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:						Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None
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Free Chlorine:	-- ppm																																				
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Temperature:	-- °F																																				
Conductivity:	-- µS/cm																																				
Detergents:	-- mg/L																																				
Floatables:	None																																				
Odor:	None																																				
Turbidity:	None																																				
Color:	None																																				
Gross Solids:	None																																				
Vegetation:	None																																				
Benthic Growth:	None																																				
Stains:	None																																				
Non-illicit:	None																																				

Inspection Date: 9/27/2012 8:29:10 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																															
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes Outfall fully submerged; screened upstream at 02-357 US1.		 <p style="text-align: center;">o20120927073330.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2012</p>																															
Submerged: Fully		Depth (in):																																			
Sampling Results				Condition Assessment		Graffiti: None Erosion: None Deposition: None in. Damage: None																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:						Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None
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Free Chlorine:	-- ppm																																				
Ammonia:	-- ppm																																				
pH:	-- units																																				
Temperature:	-- °F																																				
Conductivity:	-- µS/cm																																				
Detergents:	-- mg/L																																				
Floatables:	None																																				
Odor:	None																																				
Turbidity:	None																																				
Color:	None																																				
Gross Solids:	None																																				
Vegetation:	None																																				
Benthic Growth:	None																																				
Stains:	None																																				
Non-illicit:	None																																				


Inspection Date: 6/20/2012 8:05:53 AM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:		Gross solids pre-screening. Outfall fully submerged; screened upstream at 02-357 US1.		
Total Chlorine: -- ppm	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Free Chlorine: -- ppm	Odor: None			
Ammonia: -- ppm	Turbidity: None			
pH: -- units	Color: None			
Temperature -- °F	Gross Solids: None			
Conductivity: -- µS/cm	Vegetation: None			
Detergents: -- mg/L	Benthic Growth: None			
	Stains: None			
	Non-illicit: None			



o20120620070830.JPG

2012


Inspection Date: 10/3/2011 10:26:14 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:		Outfall fully submerged and not physically located. Outfall screened upstream at 02-357 US1.		
Total Chlorine: -- ppm	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Free Chlorine: -- ppm	Odor: None			
Ammonia: -- ppm	Turbidity: None			
pH: -- units	Color: None			
Temperature -- °F	Gross Solids: None			
Conductivity: -- µS/cm	Vegetation: None			
Detergents: -- mg/L	Benthic Growth: None			
	Stains: None			
	Non-illicit: None			



o20111003102714.JPG

2011

Inspection Date: 5/10/2011 8:51:00 AM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:		Outfall fully submerged and not physically located. Outfall screened upstream at 02-357 US1.		
Total Chlorine: -- ppm	Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Free Chlorine: -- ppm	Odor:			
Ammonia: -- ppm	Turbidity:			
pH: -- units	Color:			
Temperature -- °F	Gross Solids:			
Conductivity: -- µS/cm	Vegetation:			
Detergents: -- mg/L	Benthic Growth:			
	Stains:			
	Non-illicit: None			



o20110510085116.JPG

2011

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

02-357

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816085812.JPG

Outfall Notes:

Upstream manhole located approx 34 ft NW of outfall 02-357. Intermediate area consists of open space.

County Coordinates:

Northing: 472,861

Easting: 798,850

Latitude/Longitude:

Latitude: 44.01669

Longitude: -88.51577



Inspection Date: 8/16/2021 9:01:46 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 44

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816085830.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-14

Time Collected: 09:00

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.59 units

Temperature (field): 73 °F

Conductivity (field): 392 µS/cm


Detergents: 0 mg/L


Inspection Date: 8/20/2020 1:06:54 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 42		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.83 units	Gross Solids: Moderate			
Temperature 83 °F	Vegetation: None			
Conductivity: 404 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			
		2020		


Inspection Date: 9/17/2019 2:18:49 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 42		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.03 units	Gross Solids: Moderate			
Temperature 76 °F	Vegetation: None			
Conductivity: 404 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			
		2019		


Inspection Date: 10/22/2018 10:15:43 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 43		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.17 units	Gross Solids: Slight			
Temperature 60 °F	Vegetation: None			
Conductivity: 506 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			
		2018		

Inspection Date: 10/17/2017 1:35:20 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 39		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.57 units	Gross Solids: Moderate			
Temperature 67 °F	Vegetation: None			
Conductivity: 537 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			
		2017		


Inspection Date: 10/10/2016 10:57:04 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 37	Potential illicit discharge due to gross solids.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.54 units	Gross Solids:	Moderate	
Temperature	65 °F	Vegetation:	None	
Conductivity:	654 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None
			 o20161010105436.JPG 2016	

Inspection Date: 9/22/2015 7:15:12 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 39	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.84 units	Gross Solids:	Moderate	
Temperature	65 °F	Vegetation:	None	
Conductivity:	459 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None
			 o20150922061944.JPG 2015	

Inspection Date: 10/9/2014 12:40:37 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 35	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.58 units	Gross Solids:	Moderate	
Temperature	62 °F	Vegetation:	None	
Conductivity:	707 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None
			 o20141009113842.JPG 2014	

Inspection Date: 9/27/2012 8:31:15 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 36	2011 gross solids follow-up.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.73 units	Gross Solids:	Slight	
Temperature	60 °F	Vegetation:	None	
Conductivity:	518 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None
			 o20120927073352.JPG 2012	


Inspection Date: 6/20/2012 8:08:37 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 43	Gross solids pre-screening.	
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	Moderate		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20120620070908.JPG

2012


Inspection Date: 10/3/2011 10:30:08 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 39	Significant floatable debris in manhole.	
Sampling Results				
Sample Location: Pool	Floatables:	None		
Total Chlorine: 0 ppm	Odor:	None		
Free Chlorine: 0 ppm	Turbidity:	None		
Ammonia: 0 ppm	Color:	None		
pH: 7.1 units	Gross Solids:	Severe		
Temperature 61 °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: 0 mg/L	Stains:	None		
	Non-illicit:	None		
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None 0 in.
			Damage:	None



o20111003103104.JPG

2011

Inspection Date: 5/10/2011 8:51:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Limited screening conducted for upstream manhole prescreening.	
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:	Severe		
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	None		
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None 0 in.
			Damage:	None



o20110510085154.JPG

2011

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Arch

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 36

Width (in): 58

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210816103154.JPG

Outfall Notes:

Storm sewer from Nebraska St discharges to river from south. Outfall not located - pipe info from MS4 map.

County Coordinates:

Northing: 471,751

Easting: 792,375

Latitude/Longitude:

Latitude: 44.01364

Longitude: -88.54039

Location Map



Inspection Date: 8/16/2021 10:33:32 AM Inspector: JCW Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall partially submerged - screened upstream at 03-22 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ OtherOdor: None ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity: None

Color: None

Gross Solids: None ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ OtherVegetation: None ☐ Inhibited ☐ ExcessiveBenthic Growth: None ☐ Green ☐ BrownStains: None ☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ OtherNon-illicit: None ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816103158.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm


pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/19/2020 2:03:43 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-22 US1. Floating gross solids (litter) in upstream manhole.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20200819140018.JPG

2020


Inspection Date: 11/5/2019 11:27:00 AM		Type: Repeat	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-22 US1. Follow-up inspection for sampling - limited screening conducted.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		

Outfall Not Located

Photo Not Available

2019


Inspection Date: 10/8/2019 8:34:00 AM		Type: Repeat	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-22 US1. Follow-up inspection for sampling - limited screening conducted.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20191008073428.jpg

2019


Inspection Date: 9/18/2019 8:16:51 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-22 US1. Floating gross solids (litter) and detergent in manhole.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20190918071544.JPG

2019


Inspection Date: 10/22/2018 3:53:56 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-22 US1. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20181022155222.JPG

2018


Inspection Date: 10/18/2017 3:22:08 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-22 US1. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20171018151946.JPG

2017


Inspection Date: 10/18/2016 4:04:35 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall not located and assumed submerged - screened upstream at 03-22 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20161018160304.JPG


2016


Inspection Date: 9/23/2015 7:47:01 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Significant sinking above suspected pipe. Outfall not located - screened at 03-22 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: Severe	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		





o20150923065132.JPG

2015


Inspection Date: 10/9/2014 9:47:52 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																																									
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center; font-weight: bold; font-size: 1.2em;">2014</p>																																									
Submerged: Fully		Depth (in):		Outfall fully submerged and not located - screened upstream at 03-22 US1.																																											
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Inspection Date: 7/31/2013 12:40:04 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																																									
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center; font-weight: bold; font-size: 1.2em;">2013</p>																																									
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Damage:	None																																														

Inspection Date: 9/27/2012 9:26:54 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																																									
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center; font-weight: bold; font-size: 1.2em;">2012</p>																																									
Submerged: Fully		Depth (in):		Outfall fully submerged; screened upstream at 03-22 US1.																																											
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Graffiti:	None																																														
Erosion:	None																																														
Deposition:	None in.																																														
Damage:	None																																														

Inspection Date: 6/20/2012 9:22:09 AM		Type: Other		Flow: Submerged (not located)		Previous Rainfall (hrs): 24-48																																									
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center; font-weight: bold; font-size: 1.2em;">2012</p>																																									
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Graffiti:	None																																														
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Deposition:	None in.																																														
Damage:	None																																														


Inspection Date: 10/11/2011 9:03:10 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: JCW		<div style="border: 1px solid black; padding: 5px;"> Notes 2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 03-22 US1. </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None </div>																		
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o20111011090250.JPG

2011


Inspection Date: 8/18/2010 10:26:01 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: JCW		<div style="border: 1px solid black; padding: 5px;"> Notes Outfall fully submerged and not physically located. Outfall screened upstream at 03-22 US1. </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None </div>																		
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o20100818101918.JPG

2010

Inspection Date: 9/10/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: JCW		<div style="border: 1px solid black; padding: 5px;"> Notes </div> <div style="border: 1px solid black; padding: 5px; margin-top: 5px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None </div>																		
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Osh09_DSCN6765.JPG

2009

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

03-22

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816103322.JPG

Outfall Notes:

Upstream catchbasin located approx 55 ft S of outfall 03-22. Intermediate area consists of open space.

County Coordinates:

Northing: 471,694

Easting: 792,376

Latitude/Longitude:

Latitude: 44.01348

Longitude: -88.54038

Location Map**Inspection Date:** 8/16/2021 10:36:24 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully

Depth (in): 49

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: Faint

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☒ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816103330.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-43

Time Collected: 10:33

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 7.74 units

Temperature (field): 76 °F

Conductivity (field): 322 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 2:04:58 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 47		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Elevated pH seemed widespread in river.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 9.13 units	Gross Solids: Severe			
Temperature 84 °F	Vegetation: None			
Conductivity: 338 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20200819140108.JPG

2020


Inspection Date: 11/5/2019 11:28:50 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 47		
Sampling Results		Notes Follow-up inspection for sampling - limited screening conducted. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: -- ppm	Odor: None			
Free Chlorine: -- ppm	Turbidity: None			
Ammonia: -- ppm	Color: None			
pH: -- units	Gross Solids: Severe			
Temperature -- °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20191105112834.JPG

2019


Inspection Date: 10/8/2019 8:35:00 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 47		
Sampling Results		Notes Follow-up inspection for sampling - limited screening conducted. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.58 units	Gross Solids: Severe			
Temperature 56 °F	Vegetation: None			
Conductivity: 381 µS/cm	Benthic Growth: None			
Detergents: 1.2 mg/L	Stains: None			
	Non-illicit: None			



o20191008073520.jpg

2019


Inspection Date: 9/18/2019 8:19:32 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 49		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) and detergent in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.64 units	Gross Solids: Moderate			
Temperature 71 °F	Vegetation: None			
Conductivity: 372 µS/cm	Benthic Growth: None			
Detergents: 1 mg/L	Stains: None			
	Non-illicit: None			



o20190918071726.JPG

2019


Inspection Date: 10/22/2018 3:58:28 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 49	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool	Odor: None			
Total Chlorine: 0 ppm	Turbidity: None			
Free Chlorine: 0 ppm	Color: None			
Ammonia: 0 ppm	Gross Solids: Moderate			
pH: 7.68 units	Vegetation: None			
Temperature 55 °F	Benthic Growth: None			
Conductivity: 355 µS/cm	Stains: None			
Detergents: 0 mg/L	Non-illicit: None			



o20181022155408.JPG

2018


Inspection Date: 10/18/2017 3:25:56 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 44	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool	Odor: None			
Total Chlorine: 0 ppm	Turbidity: None			
Free Chlorine: 0 ppm	Color: None			
Ammonia: 0 ppm	Gross Solids: Moderate			
pH: 8.32 units	Vegetation: None			
Temperature 66 °F	Benthic Growth: None			
Conductivity: 422 µS/cm	Stains: None			
Detergents: 0 mg/L	Non-illicit: None			



o20171018152158.JPG

2017


Inspection Date: 10/18/2016 4:06:54 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 44	Potential illicit discharge due to gross solids.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool	Odor: None			
Total Chlorine: 0 ppm	Turbidity: None			
Free Chlorine: 0 ppm	Color: Faint in bottle			
Ammonia: 0 ppm	Gross Solids: Severe			
pH: 8.15 units	Vegetation: None			
Temperature 66 °F	Benthic Growth: None			
Conductivity: 403 µS/cm	Stains: None			
Detergents: 0 mg/L	Non-illicit: None			



o20161018160430.JPG

2016


Inspection Date: 9/23/2015 7:51:33 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 46	Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool	Odor: None			
Total Chlorine: 0 ppm	Turbidity: None			
Free Chlorine: 0 ppm	Color: None			
Ammonia: 0 ppm	Gross Solids: Moderate			
pH: 8.44 units	Vegetation: None			
Temperature 70 °F	Benthic Growth: None			
Conductivity: 354 µS/cm	Stains: None			
Detergents: 0 mg/L	Non-illicit: None			



o20150923065324.JPG

2015


Inspection Date: 10/9/2014 9:52:24 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 40	Floatable litter in catchbasin.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	Faint in bottle	
pH:	7.79 units	Gross Solids:	Severe	
Temperature	57 °F	Vegetation:	None	
Conductivity:	442 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20141009085040.JPG

2014


Inspection Date: 7/31/2013 12:42:35 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 44	2012 screening follow-up. Significant gross solids - similar to previous years.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	Faint	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	Faint in bottle	
pH:	7.95 units	Gross Solids:	Severe	
Temperature	76 °F	Vegetation:	None	
Conductivity:	450 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20130731114610.JPG

2013


Inspection Date: 9/27/2012 9:27:45 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 39	2011 gross solids follow-up.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	8.32 units	Gross Solids:	Severe	
Temperature	59 °F	Vegetation:	None	
Conductivity:	398 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20120927082922.JPG

2012


Inspection Date: 6/20/2012 9:24:19 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 46	Gross solids pre-screening.	
Sampling Results				
Sample Location:		Floatables:	None	
Total Chlorine:	-- ppm	Odor:	None	
Free Chlorine:	-- ppm	Turbidity:	None	
Ammonia:	-- ppm	Color:	None	
pH:	-- units	Gross Solids:	Severe	
Temperature	-- °F	Vegetation:	None	
Conductivity:	-- µS/cm	Benthic Growth:	None	
Detergents:	-- mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20120620082508.JPG

2012


Inspection Date: 10/11/2011 9:05:50 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 37	2010 screening follow-up. No significant change in volume of floatable debris.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: None	Deposition: None 0 in.	
Ammonia:	0 ppm	Gross Solids: Moderate	Damage: None	
pH:	8.13 units	Vegetation: None		
Temperature:	70 °F	Benthic Growth: None		
Conductivity:	-- µS/cm	Stains: None		
Detergents:	-- mg/L	Non-illicit: None		



o20111011090446.JPG

2011


Inspection Date: 5/26/2011 11:19:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Limited screening conducted to check for floatable debris.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:		Odor:	Graffiti: None	
Total Chlorine:	-- ppm	Turbidity:	Erosion: None	
Free Chlorine:	-- ppm	Color:	Deposition: None 0 in.	
Ammonia:	-- ppm	Gross Solids: Moderate	Damage: None	
pH:	-- units	Vegetation:		
Temperature:	-- °F	Benthic Growth:		
Conductivity:	-- µS/cm	Stains:		
Detergents:	-- mg/L	Non-illicit: None		



o20110526111930.JPG

2011


Inspection Date: 8/18/2010 10:29:59 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 44	Severe floatable debris in catchbasin.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: Faint in bottle	Deposition: None 0 in.	
Ammonia:	0 ppm	Gross Solids: Severe	Damage: None	
pH:	7.38 units	Vegetation: None		
Temperature:	76 °F	Benthic Growth: None		
Conductivity:	-- µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		



o20100818102410.JPG

2010

Inspection Date: 9/10/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 44	Abnormal detergent analysis result (bubbles). Significant floatables in manhole.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: None	Deposition: None 0 in.	
Ammonia:	-- ppm	Gross Solids: Severe	Damage: None	
pH:	8.3 units	Vegetation: None		
Temperature:	75 °F	Benthic Growth: None		
Conductivity:	-- µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		



Osh09_DSCN6768.JPG

2009

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):



o20210816104420.JPG

Outfall Notes:

Storm sewer from S Main St discharges to river from south. Outfall not located - pipe info from MS4 map.

County Coordinates:

Northing: 471,413

Easting: 793,066

Latitude/Longitude:

Latitude: 44.01271

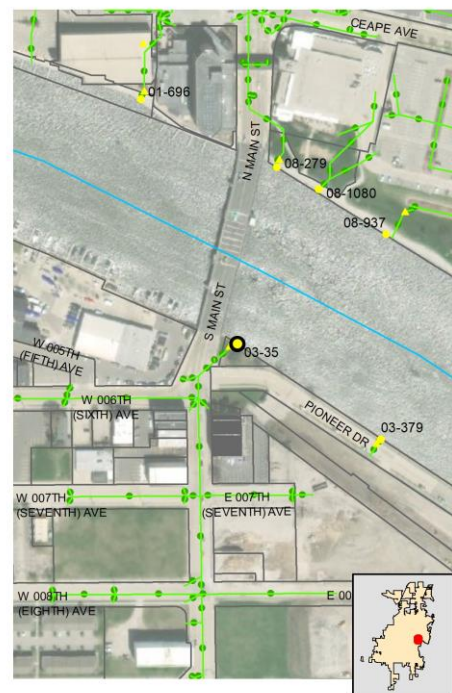
Longitude: -88.53776

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/16/2021 10:47:35 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 03-35 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ OtherOdor: None ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity: None

Color: None

Gross Solids: None ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ OtherVegetation: None ☐ Inhibited ☐ ExcessiveBenthic Growth: None ☐ Green ☐ BrownStains: None ☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ OtherNon-illicit: None ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816104428.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 2:40:57 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-35 US1. Floating gross solids (litter) in upstream manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20200819143634.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>	

Inspection Date: 11/5/2019 11:44:00 AM		Type: Repeat	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Follow-up inspection for sampling - limited screening conducted. Floating gross solids (litter) and detergent in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20191105114512.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>	

Inspection Date: 10/8/2019 8:29:12 AM		Type: Repeat	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Detergent detection follow-up. Limited screening conducted beyond sampling. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20191008072714.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>	

Inspection Date: 9/18/2019 8:05:22 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-35 US1. Floating gross solids (litter) and detergent in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20190918070310.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>	


Inspection Date: 10/22/2018 3:27:47 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not located - screened upstream at 03-35 US1. Floating gross solids (litter) in manhole.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20181022152608.JPG

2018


Inspection Date: 10/18/2017 3:15:43 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not located - screened upstream at 03-35 US1. Floating gross solids (litter) in manhole.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20171018150844.JPG

2017


Inspection Date: 10/10/2016 9:52:05 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not located - screened upstream at 03-35 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20161010094930.JPG


2016


Inspection Date: 9/23/2015 7:34:32 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not located - screened at 03-35 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		

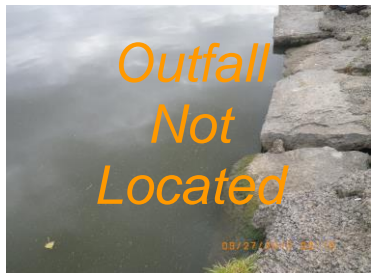



o20150923063720.JPG

2015


Inspection Date: 10/9/2014 10:33:07 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p style="text-align: center;">o20141009093222.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2014</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not located - screened upstream at 03-35 US1			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Gross solids pre-screening.			
Total Chlorine: -- ppm		Odor:	None				
Free Chlorine: -- ppm		Turbidity:	None	Condition Assessment			
Ammonia: -- ppm		Color:	None				
pH: -- units		Gross Solids:	None	Gross Solids: None		in.	
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None	Erosion: None			
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None	Deposition: None			
				Damage: None			

Inspection Date: 7/31/2013 12:30:28 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20130731113304.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2013</p>	
Submerged: Fully		Depth (in):		2012 screening follow-up. Outfall not located. Outfall screened upstream at 03-35 US1. Gross solids in upstream mh.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Gross solids pre-screening.			
Total Chlorine: -- ppm		Odor:	None				
Free Chlorine: -- ppm		Turbidity:	None	Condition Assessment			
Ammonia: -- ppm		Color:	None				
pH: -- units		Gross Solids:	None	Gross Solids: None		in.	
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None	Erosion: None			
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None	Deposition: None			
				Damage: None			

Inspection Date: 9/27/2012 9:13:17 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20120927081506.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2012</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged; screened upstream at 03-35 US1.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Gross solids pre-screening.			
Total Chlorine: -- ppm		Odor:	None				
Free Chlorine: -- ppm		Turbidity:	None	Condition Assessment			
Ammonia: -- ppm		Color:	None				
pH: -- units		Gross Solids:	None	Gross Solids: None		in.	
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None	Erosion: None			
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None	Deposition: None			
				Damage: None			

Inspection Date: 6/20/2012 9:06:10 AM		Type: Other		Flow: Submerged (not located)		Previous Rainfall (hrs): 24-48	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20120620080844.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2012</p>	
Submerged: Fully		Depth (in):		Gross solids pre-screening.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Gross solids pre-screening.			
Total Chlorine: -- ppm		Odor:	None				
Free Chlorine: -- ppm		Turbidity:	None	Condition Assessment			
Ammonia: -- ppm		Color:	None				
pH: -- units		Gross Solids:	None	Gross Solids: None		in.	
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None	Erosion: None			
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None	Deposition: None			
				Damage: None			


Inspection Date: 10/11/2011 9:36:03 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 03-35 US1.		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20111011093254.JPG

2011


Inspection Date: 8/18/2010 9:27:46 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	Outfall fully submerged and not physically located. Outfall screened upstream at 03-35 US1.		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20100818092204.JPG

2010

Inspection Date: 9/10/2009		Type: Initial	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	Outfall fully submerged and not physically located. Outfall screened upstream at 03-35 US1.		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



Osh09_DSCN6761.JPG

2009

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

03-35

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816104452.JPG

Outfall Notes:

Upstream manhole located approx 20 ft WSW of outfall 03-35. Intermediate area consists of open space.

County Coordinates:

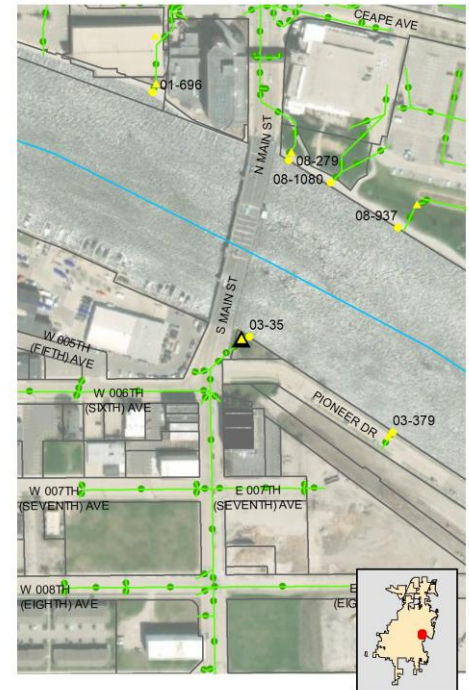
Northing: 471,408

Easting: 793,047

Latitude/Longitude:

Latitude: 44.01270

Longitude: -88.53783

Location Map**Inspection Date:** 8/16/2021 10:48:38 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully Depth (in): 39

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816104502.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-15

Time Collected: 10:46

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 7.76 units

Temperature (field): 77 °F

Conductivity (field): 349 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 2:41:48 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 36		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Slightly elevated ammonia.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None	Condition Assessment		
Ammonia: 0.5 ppm	Color: None			
pH: 8.44 units	Gross Solids: Severe	Graffiti: None	in.	
Temperature 85 °F	Vegetation: None	Erosion: None		
Conductivity: 346 µS/cm	Benthic Growth: None	Deposition: None		
Detergents: 0 mg/L	Stains: None	Damage: None		
	Non-illicit: None			



o20200819143804.JPG

2020


Inspection Date: 11/5/2019 11:45:22 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 30		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Detergent detection follow-up. Limited screening conducted. Floating gross solids (litter) and detergent in manhole.		
Total Chlorine: -- ppm	Odor: None			
Free Chlorine: -- ppm	Turbidity: None	Condition Assessment		
Ammonia: -- ppm	Color: None			
pH: -- units	Gross Solids: Severe	Graffiti: None	in.	
Temperature -- °F	Vegetation: None	Erosion: None		
Conductivity: -- µS/cm	Benthic Growth: None	Deposition: None		
Detergents: 0 mg/L	Stains: None	Damage: None		
	Non-illicit: None			



o20191105114518.JPG

2019


Inspection Date: 10/8/2019 8:30:16 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 42		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Detergent detection follow-up. Limited screening conducted beyond sampling.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None	Condition Assessment		
Ammonia: 0 ppm	Color: None			
pH: 7.68 units	Gross Solids: Severe	Graffiti: None	in.	
Temperature 55 °F	Vegetation: None	Erosion: None		
Conductivity: 415 µS/cm	Benthic Growth: None	Deposition: None		
Detergents: 1.3 mg/L	Stains: None	Damage: None		
	Non-illicit: None			



o20191008072724.JPG

2019


Inspection Date: 9/18/2019 8:06:15 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 38		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) and detergent in manhole.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None	Condition Assessment		
Ammonia: 0 ppm	Color: None			
pH: 8.47 units	Gross Solids: Severe	Graffiti: None	in.	
Temperature 70 °F	Vegetation: None	Erosion: None		
Conductivity: 389 µS/cm	Benthic Growth: None	Deposition: None		
Detergents: 1.3 mg/L	Stains: None	Damage: None		
	Non-illicit: None			



o20190918070320.JPG

2019


Inspection Date: 10/22/2018 3:30:12 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 41	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: None	Deposition: None in.	
Ammonia:	0 ppm	Gross Solids: Moderate	Damage: None	
pH:	7.81 units	Vegetation: None		
Temperature:	56 °F	Benthic Growth: None		
Conductivity:	338 µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		



o20181022152746.JPG

2018


Inspection Date: 10/18/2017 3:16:37 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 35	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: None	Deposition: None in.	
Ammonia:	0 ppm	Gross Solids: Severe	Damage: None	
pH:	7.94 units	Vegetation: None		
Temperature:	66 °F	Benthic Growth: None		
Conductivity:	554 µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		



o20171018151012.JPG

2017


Inspection Date: 10/10/2016 9:52:43 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 32	Potential illicit discharge due to gross solids.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: Faint	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: None	Deposition: None in.	
Ammonia:	0 ppm	Gross Solids: Moderate	Damage: None	
pH:	7.54 units	Vegetation: None		
Temperature:	63 °F	Benthic Growth: None		
Conductivity:	391 µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		



o20161010094958.JPG


2016


Inspection Date: 9/23/2015 7:36:00 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 30	Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: Faint in bottle	Deposition: Minor 1 in.	
Ammonia:	0 ppm	Gross Solids: Moderate	Damage: None	
pH:	8.64 units	Vegetation: None		
Temperature:	69 °F	Benthic Growth: None		
Conductivity:	359 µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		





o20150923063950.JPG

2015


Inspection Date: 10/9/2014 10:35:52 AM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p style="text-align: center;">o20141009093356.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2014</p>	
Submerged: Fully		Depth (in): 32		Vegetative debris in photo from opening lid.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Gross Solids: Slight		Gross Solids: Slight	
Total Chlorine: 0 ppm		Odor: None		Vegetation: None		Vegetation: None	
Free Chlorine: 0 ppm		Turbidity: None		Benthic Growth: None		Benthic Growth: None	
Ammonia: 0 ppm		Color: Faint in bottle		Stains: None		Stains: None	
pH: 7.86 units		Gross Solids: Slight		Non-illicit: None		Non-illicit: None	
Temperature 58 °F		Vegetation: None		Gross Solids: Slight		Gross Solids: Slight	
Conductivity: 476 µS/cm		Benthic Growth: None		Vegetation: None		Vegetation: None	
Detergents: 0 mg/L		Stains: None		Benthic Growth: None		Benthic Growth: None	
		Non-illicit: None		Stains: None		Stains: None	
				Damage: None		Damage: None	

Inspection Date: 7/31/2013 12:31:00 PM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20130731113346.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2013</p>	
Submerged: Fully		Depth (in): 33		2012 screening follow-up. Significant gross solids. Similar to previous years.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Gross Solids: Severe		Gross Solids: Severe	
Total Chlorine: 0 ppm		Odor: None		Vegetation: None		Vegetation: None	
Free Chlorine: 0 ppm		Turbidity: None		Benthic Growth: None		Benthic Growth: None	
Ammonia: 0 ppm		Color: Faint in bottle		Stains: Moderate		Stains: Moderate	
pH: 8.47 units		Gross Solids: Severe		Non-illicit: None		Non-illicit: None	
Temperature 75 °F		Vegetation: None		Gross Solids: Severe		Gross Solids: Severe	
Conductivity: 425 µS/cm		Benthic Growth: None		Vegetation: None		Vegetation: None	
Detergents: 0 mg/L		Stains: Moderate		Benthic Growth: None		Benthic Growth: None	
		Non-illicit: None		Stains: Moderate		Stains: Moderate	
				Damage: None		Damage: None	

Inspection Date: 9/27/2012 9:13:54 AM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20120927081522.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2012</p>	
Submerged: Fully		Depth (in): 31		2011 gross solids follow-up.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Gross Solids: Severe		Gross Solids: Severe	
Total Chlorine: 0 ppm		Odor: None		Vegetation: None		Vegetation: None	
Free Chlorine: 0 ppm		Turbidity: None		Benthic Growth: None		Benthic Growth: None	
Ammonia: 0 ppm		Color: None		Stains: Slight		Stains: Slight	
pH: 8.42 units		Gross Solids: Severe		Non-illicit: None		Non-illicit: None	
Temperature 59 °F		Vegetation: None		Gross Solids: Severe		Gross Solids: Severe	
Conductivity: 723 µS/cm		Benthic Growth: None		Vegetation: None		Vegetation: None	
Detergents: 0 mg/L		Stains: Slight		Benthic Growth: None		Benthic Growth: None	
		Non-illicit: None		Stains: Slight		Stains: Slight	
				Damage: None		Damage: None	

Inspection Date: 6/20/2012 9:08:12 AM		Type: Other		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 24-48	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20120620080918.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2012</p>	
Submerged: Fully		Depth (in): 39		Gross solids pre-screening.			
Sampling Results				Condition Assessment			
Sample Location: Pool		Floatables: None		Gross Solids: Severe		Gross Solids: Severe	
Total Chlorine: -- ppm		Odor: None		Vegetation: None		Vegetation: None	
Free Chlorine: -- ppm		Turbidity: None		Benthic Growth: None		Benthic Growth: None	
Ammonia: -- ppm		Color: None		Stains: None		Stains: None	
pH: -- units		Gross Solids: Severe		Non-illicit: None		Non-illicit: None	
Temperature -- °F		Vegetation: None		Gross Solids: Severe		Gross Solids: Severe	
Conductivity: -- µS/cm		Benthic Growth: None		Vegetation: None		Vegetation: None	
Detergents: -- mg/L		Stains: None		Benthic Growth: None		Benthic Growth: None	
		Non-illicit: None		Stains: None		Stains: None	
				Damage: None		Damage: None	


Inspection Date: 10/11/2011 9:29:50 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 19	2010 screening follow-up. Floatable debris still present. Slight petroleum sheen.	
Sampling Results		Floatables: Severe	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: None	Deposition: None 0 in.	
Ammonia:	0 ppm	Gross Solids: Severe	Damage: None	
pH:	8.01 units	Vegetation: None		
Temperature:	71 °F	Benthic Growth: None		
Conductivity:	-- µS/cm	Stains: None		
Detergents:	-- mg/L	Non-illicit: None		



o20111011092832.JPG

2011


Inspection Date: 5/26/2011 11:23:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Limited screening conducted to check for floatable debris.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:		Odor:	Graffiti: None	
Total Chlorine:	-- ppm	Turbidity:	Erosion: None	
Free Chlorine:	-- ppm	Color:	Deposition: None 0 in.	
Ammonia:	-- ppm	Gross Solids: Severe	Damage: None	
pH:	-- units	Vegetation:		
Temperature:	-- °F	Benthic Growth:		
Conductivity:	-- µS/cm	Stains:		
Detergents:	-- mg/L	Non-illicit: None		



o20110526112400.JPG

2011


Inspection Date: 8/18/2010 9:32:06 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 34	Severe floatable debris in catchbasin.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: Faint	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: Faint in bottle	Deposition: None 0 in.	
Ammonia:	0.5 ppm	Gross Solids: Severe	Damage: None	
pH:	7.46 units	Vegetation: None		
Temperature:	73 °F	Benthic Growth: None		
Conductivity:	-- µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		



o20100818092304.JPG

2010

Inspection Date: 9/10/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 33	Abnormal detergent analysis result (bubbles). Significant floatables in manhole.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location:	Pool	Odor: None	Graffiti: None	
Total Chlorine:	0 ppm	Turbidity: None	Erosion: None	
Free Chlorine:	0 ppm	Color: None	Deposition: None 0 in.	
Ammonia:	-- ppm	Gross Solids: Severe	Damage: None	
pH:	8.23 units	Vegetation: None		
Temperature:	73 °F	Benthic Growth: None		
Conductivity:	-- µS/cm	Stains: None		
Detergents:	0 mg/L	Non-illicit: None		



Osh09_DSCN6763.JPG

2009

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

Cast Iron

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20210816110752.JPG

Outfall Notes:

10th Ave storm sewer discharges to river from south. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 470,796

Easting: 794,054

Latitude/Longitude:

Latitude: 44.01102

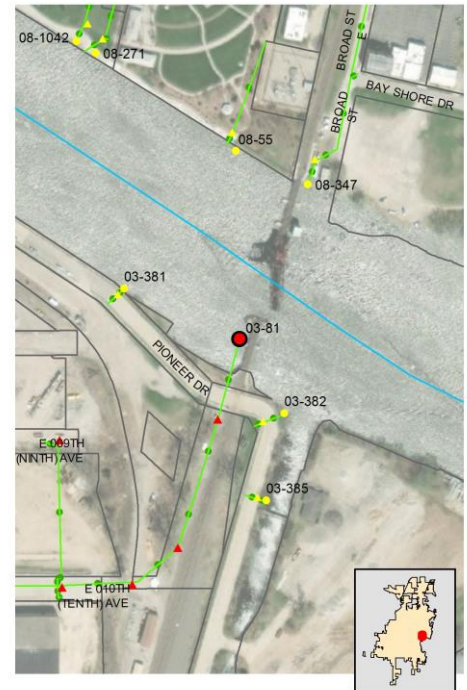
Longitude: -88.53400

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/16/2021 11:09:51 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 03-81 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816110756.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 2:16:29 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-81 US1. Floating gross solids (litter) in upstream manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20200819141442.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>	

Inspection Date: 9/17/2019 3:00:32 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-81 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20190917135900.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>	

Inspection Date: 10/22/2018 3:13:39 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-81 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20181022151216.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>	

Inspection Date: 10/18/2017 2:50:50 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-81 US1. Ammonia, detergent and sheen in upstream manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20171018144750.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>	


Inspection Date: 10/10/2016 8:59:12 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-81 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20161010085808.JPG

2016


Inspection Date: 9/23/2015 7:10:20 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened at 03-81 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20150923061430.JPG

2015


Inspection Date: 10/9/2014 10:00:10 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Obvious		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-81 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20141009090032.JPG

2014


Inspection Date: 10/11/2011 9:42:33 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 03-81 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20111011094236.JPG

2011


Inspection Date: 8/18/2010 8:38:23 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located. Outfall screened upstream at 03-81 US1.	
Sampling Results		Condition Assessment		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None 0 in.	
		Damage:	None	



o20100818083116.JPG

2010

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Obvious		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located. Outfall screened upstream at 03-81 US1.	
Sampling Results		Condition Assessment		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None 0 in.	
		Damage:	None	



Osh09_DSCN6745.JPG

2009

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

03-81

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816111018.JPG

Outfall Notes:

Upstream manhole located approx 204 ft SSW of outfall 03-81. Located behind railroad control shed. Intermediate area consists of open space, street right-of-way and railroad right-of-way.

County Coordinates:

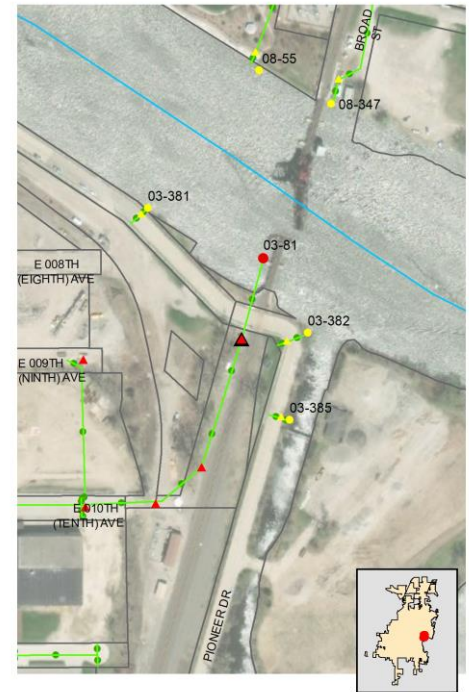
Northing: 470,599

Easting: 793,998

Latitude/Longitude:

Latitude: 44.01048

Longitude: -88.53421

Location Map

Inspection Date: 8/16/2021 11:13:37 AM **Inspector:** JCW **Inspection Type:** Ongoing **Previous Rainfall (hrs):** 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in): 56

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in):

Damage: ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage



o20210816111026.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-76

Time Collected: 11:11

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm





Ammonia (field): 0 ppm

pH (field): 7.56 units


Temperature (field): 77 °F

Conductivity (field): 317 µS/cm

Detergents: 0 mg/L

Inspection Date: 8/19/2020 2:19:30 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 50		Inspector: JCW	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Elevated pH seemed widespread in river.	
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 9.09 units Temperature: 84 °F Conductivity: 327 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: Faint in bottle Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20200819141648.JPG 2020	
Inspection Date: 9/17/2019 3:03:50 PM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 52		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.07 units Temperature: 75 °F Conductivity: 399 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20190917140134.JPG 2019	
Inspection Date: 10/22/2018 3:18:57 PM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 57		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.62 units Temperature: 57 °F Conductivity: 357 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Floating gross solids (litter) in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20181022151626.JPG 2018	
Inspection Date: 10/18/2017 2:55:07 PM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 50		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 1 ppm pH: 7.22 units Temperature: 66 °F Conductivity: 1020 µS/cm Detergents: 0.8 mg/L		Floatables: Moderate Odor: None Turbidity: None Color: Faint in bottle Gross Solids: Slight Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Elevated ammonia and detergent in sample from manhole pool. Slight sheen observed on surface.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20171018145016.JPG 2017	


Inspection Date: 10/10/2016 9:04:32 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 46	Potential illicit discharge due to gross solids and petroleum odor and sheen and elevated ammonia.	
Sampling Results		Floatables: Moderate	Condition Assessment	
Sample Location: Pool		Odor: Faint	Graffiti: None	
Total Chlorine: 0 ppm		Turbidity: None	Erosion: None	
Free Chlorine: 0 ppm		Color: Faint in bottle	Deposition: None in.	
Ammonia: 1 ppm		Gross Solids: Slight	Damage: None	
pH: 7.41 units		Vegetation: None		
Temperature 63 °F		Benthic Growth: None		
Conductivity: 565 µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		



o20161010090136.JPG

2016


Inspection Date: 9/23/2015 7:16:22 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 52		
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	Graffiti: None	
Total Chlorine: 0 ppm		Turbidity: None	Erosion: None	
Free Chlorine: 0 ppm		Color: Faint in bottle	Deposition: None in.	
Ammonia: 1 ppm		Gross Solids: Slight	Damage: None	
pH: 7.32 units		Vegetation: None		
Temperature 69 °F		Benthic Growth: None		
Conductivity: 638 µS/cm		Stains: Slight		
Detergents: 0 mg/L		Non-illicit: None		



o20150923061754.JPG

2015


Inspection Date: 10/9/2014 10:07:49 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Obvious		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 44	Petroleum odor and sheen on surface.	
Sampling Results		Floatables: Moderate	Condition Assessment	
Sample Location: Pool		Odor: Faint	Graffiti: None	
Total Chlorine: 0 ppm		Turbidity: None	Erosion: None	
Free Chlorine: 0 ppm		Color: None	Deposition: Minor 2 in.	
Ammonia: 0.5 ppm		Gross Solids: Severe	Damage: None	
pH: 7.58 units		Vegetation: None		
Temperature 58 °F		Benthic Growth: None		
Conductivity: 679 µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		



o20141009090404.JPG


2014


Inspection Date: 10/11/2011 9:46:04 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 38	2010 screening follow-up. Floatable debris significantly reduced.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	Graffiti: None	
Total Chlorine: 0 ppm		Turbidity: None	Erosion: None	
Free Chlorine: 0 ppm		Color: None	Deposition: None 0 in.	
Ammonia: 0.25 ppm		Gross Solids: Slight	Damage: None	
pH: 7.68 units		Vegetation: None		
Temperature 71 °F		Benthic Growth: None		
Conductivity: -- µS/cm		Stains: None		
Detergents: -- mg/L		Non-illicit: None		




o20111011094434.JPG

2011

Inspection Date: 5/26/2011 11:29:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																					
Submerged: Fully		Depth (in):	Limited screening conducted to check for floatable debris.																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location:</td> <td>Odor:</td> <td></td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> <td>Turbidity:</td> <td></td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> <td>Color:</td> <td></td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>pH:</td> <td>-- units</td> <td>Vegetation:</td> <td></td> </tr> <tr> <td>Temperature</td> <td>-- °F</td> <td>Benthic Growth:</td> <td></td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td></td> </tr> <tr> <td>Detergents:</td> <td>-- mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:		Odor:		Total Chlorine:	-- ppm	Turbidity:		Free Chlorine:	-- ppm	Color:		Ammonia:	-- ppm	Gross Solids:	Slight	pH:	-- units	Vegetation:		Temperature	-- °F	Benthic Growth:		Conductivity:	-- µS/cm	Stains:		Detergents:	-- mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:		Odor:																																						
Total Chlorine:	-- ppm	Turbidity:																																						
Free Chlorine:	-- ppm	Color:																																						
Ammonia:	-- ppm	Gross Solids:	Slight																																					
pH:	-- units	Vegetation:																																						
Temperature	-- °F	Benthic Growth:																																						
Conductivity:	-- µS/cm	Stains:																																						
Detergents:	-- mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					
			 o20110526112952.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>																																					

Inspection Date: 8/18/2010 8:43:09 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Potential		Inspector: JCW	Notes																																					
Submerged: Fully		Depth (in): 47	Petroleum odor likely from residual petroleum in pipes after 2009 jetting.																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location: Pool</td> <td>Odor:</td> <td>Faint</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids:</td> <td>Moderate</td> </tr> <tr> <td>pH:</td> <td>6.63 units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>71 °F</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td>Moderate</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location: Pool		Odor:	Faint	Total Chlorine:	0 ppm	Turbidity:	None	Free Chlorine:	0 ppm	Color:	None	Ammonia:	0 ppm	Gross Solids:	Moderate	pH:	6.63 units	Vegetation:	None	Temperature	71 °F	Benthic Growth:	None	Conductivity:	-- µS/cm	Stains:	Moderate	Detergents:	0 mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location: Pool		Odor:	Faint																																					
Total Chlorine:	0 ppm	Turbidity:	None																																					
Free Chlorine:	0 ppm	Color:	None																																					
Ammonia:	0 ppm	Gross Solids:	Moderate																																					
pH:	6.63 units	Vegetation:	None																																					
Temperature	71 °F	Benthic Growth:	None																																					
Conductivity:	-- µS/cm	Stains:	Moderate																																					
Detergents:	0 mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					
			 o20100818083958.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2010</div>																																					

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Obvious		Inspector: JCW	Notes																																					
Submerged: Fully		Depth (in): 44	Diesel/oil odor, sheen on surface. Floatables with grease. Brown/gray color.																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>Severe</td> </tr> <tr> <td colspan="2">Sample Location: Pool</td> <td>Odor:</td> <td>Easily detected</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color:</td> <td>Faint in bottle</td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td>Severe</td> </tr> <tr> <td>pH:</td> <td>6.98 units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>73 °F</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	Severe	Sample Location: Pool		Odor:	Easily detected	Total Chlorine:	0 ppm	Turbidity:	None	Free Chlorine:	0 ppm	Color:	Faint in bottle	Ammonia:	-- ppm	Gross Solids:	Severe	pH:	6.98 units	Vegetation:	None	Temperature	73 °F	Benthic Growth:	None	Conductivity:	-- µS/cm	Stains:	None	Detergents:	0 mg/L	Non-illicit:	None
Sampling Results		Floatables:	Severe																																					
Sample Location: Pool		Odor:	Easily detected																																					
Total Chlorine:	0 ppm	Turbidity:	None																																					
Free Chlorine:	0 ppm	Color:	Faint in bottle																																					
Ammonia:	-- ppm	Gross Solids:	Severe																																					
pH:	6.98 units	Vegetation:	None																																					
Temperature	73 °F	Benthic Growth:	None																																					
Conductivity:	-- µS/cm	Stains:	None																																					
Detergents:	0 mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					
			 Osh09_DSCN6747.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2009</div>																																					

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 13

Width (in): 22

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210816131954.JPG

Outfall Notes:

Storm sewer from South Park Ave discharges to lake from west. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 469,179

Easting: 793,881

Latitude/Longitude:

Latitude: 44.00659

Longitude: -88.53466

Location Map



Inspection Date: 8/16/2021 1:21:13 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 03-119 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816131918.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 10/22/2018 2:02:38 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in):																																				
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Inspection Date: 10/18/2017 2:44:53 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in):																																				
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Deposition:	None in.																																					
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Inspection Date: 10/10/2016 8:46:57 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in):																																				
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Sample Location:																																						
Total Chlorine:	-- ppm																																					
Free Chlorine:	-- ppm																																					
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Deposition:	None in.																																					
Damage:	None																																					

Inspection Date: 9/23/2015 7:00:50 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in):																																				
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Sample Location:																																						
Total Chlorine:	-- ppm																																					
Free Chlorine:	-- ppm																																					
Ammonia:	-- ppm																																					
pH:	-- units																																					
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Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					

Inspection Date: 8/18/2010 7:32:47 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 03-119 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 <p style="text-align: center;">o20100818072558.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2010</p>		

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:	Floatables:			
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	None		
		Notes		
		Condition Assessment Graffiti: None Erosion: None Deposition: in. Damage: None		
		 <p style="text-align: center;">Osh09_DSCN6741.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2009</p>		

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

03-119

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816132338.JPG

Outfall Notes:

Upstream manhole located approx 245 ft WSW of outfall 03-119. Intermediate area consists of street right-of-way and paved parking area with no observed inlets.

County Coordinates:

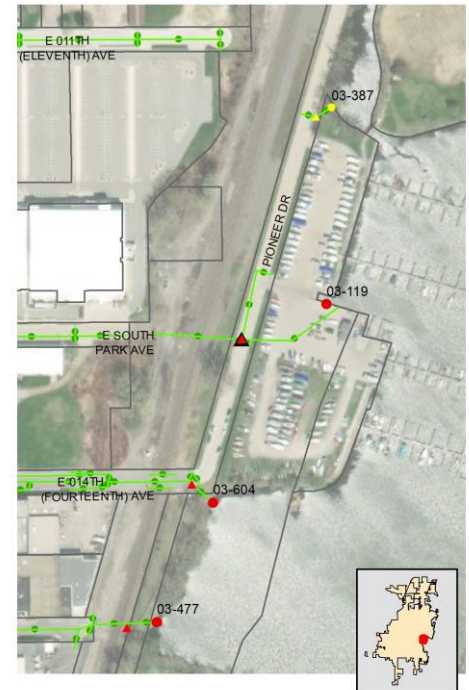
Northing: 469,098

Easting: 793,672

Latitude/Longitude:

Latitude: 44.00637

Longitude: -88.53545

Location Map**Inspection Date:** 8/16/2021 1:26:50 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 34

Notes: Sample collected from submerged pool in manhole.

Illicit Discharge Potential: Unlikely

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210816132344.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-07

Time Collected: 13:24

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.41 units

Temperature (field): 79 °F

Conductivity (field): 372 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 10/22/2018 2:06:18 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 32																																				
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0.5 ppm</td></tr> <tr><td>pH:</td><td>6.72 units</td></tr> <tr><td>Temperature:</td><td>60 °F</td></tr> <tr><td>Conductivity:</td><td>773 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table>		Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0.5 ppm	pH:	6.72 units	Temperature:	60 °F	Conductivity:	773 µS/cm	Detergents:	0 mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>Moderate</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	Moderate
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				 o20181022140340.JPG 2018																																		

Inspection Date: 10/18/2017 2:45:31 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 27																																				
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Damage:	None																																					
				 o20171018144002.JPG 2017																																		

Inspection Date: 10/10/2016 8:50:36 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 25																																				
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>6.98 units</td></tr> <tr><td>Temperature:</td><td>63 °F</td></tr> <tr><td>Conductivity:</td><td>781 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table>		Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	6.98 units	Temperature:	63 °F	Conductivity:	781 µS/cm	Detergents:	0 mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>Slight cloudiness</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>Slight</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	Slight cloudiness	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	Slight
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Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20161010084816.JPG 2016																																		

Inspection Date: 9/23/2015 7:05:01 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 29																																				
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.44 units</td></tr> <tr><td>Temperature:</td><td>69 °F</td></tr> <tr><td>Conductivity:</td><td>516 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table>		Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.44 units	Temperature:	69 °F	Conductivity:	516 µS/cm	Detergents:	0 mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	Moderate	Stains:	None	Non-illicit:	None
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20150923060646.JPG 2015																																		

Inspection Date: 8/18/2010 7:36:59 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes		
Submerged: Fully		Depth (in): 29	 <p style="text-align: center;">o20100818072942.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2010</p>		
Sampling Results					
Sample Location:	Pool	Floatables:			Slight
Total Chlorine:	0 ppm	Odor:			Faint
Free Chlorine:	0 ppm	Turbidity:			None
Ammonia:	0.5 ppm	Color:			Faint in bottle
pH:	7.06 units	Gross Solids:			Slight
Temperature	71 °F	Vegetation:			None
Conductivity:	-- µS/cm	Benthic Growth:			None
Detergents:	0 mg/L	Stains:			None
		Non-illicit:	Slight		
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes		
Submerged: Fully		Depth (in): 27	 <p style="text-align: center;">Osh09_DSCN6743.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2009</p>		
Sampling Results					
Sample Location:	Pool	Floatables:			None
Total Chlorine:	0 ppm	Odor:			None
Free Chlorine:	0 ppm	Turbidity:			None
Ammonia:	-- ppm	Color:			None
pH:	7.87 units	Gross Solids:			None
Temperature	76 °F	Vegetation:			None
Conductivity:	-- µS/cm	Benthic Growth:			None
Detergents:	0 mg/L	Stains:			None
		Non-illicit:	None		
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 33

Width (in): 49

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816130626.JPG

Outfall Notes:

Storm sewer from 16th Ave discharges to lake from west. Outfall fully submerged. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 468,018

Easting: 793,278

Latitude/Longitude:

Latitude: 44.00340

Longitude: -88.53695

Location Map



Inspection Date: 8/16/2021 1:06:56 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 03-173 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816130634.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 9/24/2020 8:57:20 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: QAL		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 03-173 US1. Floating gross solids (litter) in upstream manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20200924090116.JPG 2020		


Inspection Date: 11/5/2019 1:14:00 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged - screened upstream at 03-173 US1. Follow-up inspection for sampling - limited screening conducted.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20191105131408.JPG 2019		


Inspection Date: 10/8/2019 8:00:16 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 03-173 US1. Floating gross solids (litter) in manhole. Detergent detected.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20191008065912.JPG 2019		

Inspection Date: 10/22/2018 1:18:45 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 03-173 US1. Floating gross solids (litter) in manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20181022131820.JPG 2018		


Inspection Date: 10/18/2017 2:27:05 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20171018142348.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2017</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not located - screened upstream at 03-173 US2. Floating gross solids (litter) in manhole.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graftiti:		None	in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 10/10/2016 8:27:25 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20161010082552.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2016</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not located - screened upstream at 03-173 US2.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graftiti:		None	in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 9/23/2015 6:48:56 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20150923054658.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2015</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not located during this screening - screened at 13-173 US2.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graftiti:		None	in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 10/7/2014 1:47:08 PM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 48-72	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20141007124746.JPG</p> <p style="text-align: center; font-size: 1.5em; font-weight: bold;">2014</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged - screened upstream at 13-173 US2. Pipe approx 5" below water surface.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graftiti:		None	in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				


Inspection Date: 10/11/2011 10:11:07 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	2010 screening follow-up. Outfall fully submerged. Outfall screened upstream at 03-173 US2.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20111011101022.JPG

2011

Inspection Date: 8/17/2010 2:04:29 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located. Outfall screened upstream at 03-173 US2.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20100817135838.JPG

2010

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

03-173

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816130720.JPG

Outfall Notes:

Upstream manhole located approx 18 ft W of outfall 03-173. Intermediate area consists of shoreline. Manhole located between railroad tracks and shoreline.

County Coordinates:

Northing: 468,023

Easting: 793,260

Latitude/Longitude:

Latitude: 44.00341

Longitude: -88.53701

Location Map**Inspection Date:** 8/16/2021 1:13:31 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 43

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816130728.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-19

Time Collected: 13:09

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.46 units

Temperature (field): 79 °F

Conductivity (field): 337 µS/cm

Detergents: 0 mg/L

Inspection Date: 9/24/2020 8:58:24 AM		Type: Ongoing	Flow: Submerged, no flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: QAL		
Submerged: Fully		Depth (in): 36		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: Faint in bottle			
pH: 8.54 units	Gross Solids: Severe			
Temperature 68 °F	Vegetation: None			
Conductivity: 405 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20200924090226.JPG

2020

Inspection Date: 11/5/2019 1:15:28 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 32		
Sampling Results		Notes Detergent detection follow-up. Limited screening conducted.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: -- ppm	Odor: None			
Free Chlorine: -- ppm	Turbidity: None			
Ammonia: -- ppm	Color: None			
pH: -- units	Gross Solids: None			
Temperature -- °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20191105131426.JPG

2019

Inspection Date: 10/8/2019 8:01:54 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 38		
Sampling Results		Notes Manhole 03-173 US2 inaccessible (behind locked gate). Floating gross solids (litter) in manhole. Detergent detected.		
Sample Location: Pool	Floatables: Moderate	Condition Assessment Graffiti: None Erosion: None Deposition: Minor 4 in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.64 units	Gross Solids: Moderate			
Temperature 53 °F	Vegetation: None			
Conductivity: 592 µS/cm	Benthic Growth: Slight			
Detergents: 1 mg/L	Stains: None			
	Non-illicit: None			



o20191008070022.JPG

2019

Inspection Date: 10/22/2018 1:24:38 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 40		
Sampling Results		Notes Manhole 03-173 US2 inaccessible (behind locked gate). Floating gross solids (litter) in manhole, including 2 syringes.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.18 units	Gross Solids: Moderate			
Temperature 59 °F	Vegetation: None			
Conductivity: 1229 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20181022132154.JPG

2018

Inspection Date: 8/17/2010 2:07:11 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Lid bolts rusted tight - could not access. Screened upstream at 03-173 US2.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:	Graffiti: None	
Total Chlorine:	-- ppm	Turbidity:	Erosion: None	
Free Chlorine:	-- ppm	Color:	Deposition: None 0 in.	
Ammonia:	-- ppm	Gross Solids:	Damage: Moderate	
pH:	-- units	Vegetation:		
Temperature	-- °F	Benthic Growth:		
Conductivity:	-- µS/cm	Stains:		
Detergents:	-- mg/L	Non-illicit:		



o20100817135854.JPG

2010

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 10

Height/Depth (in):

Width (in):



o20210816105734.JPG

Outfall Notes:

Pioneer Dr storm sewer discharges to river from south. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 470,924

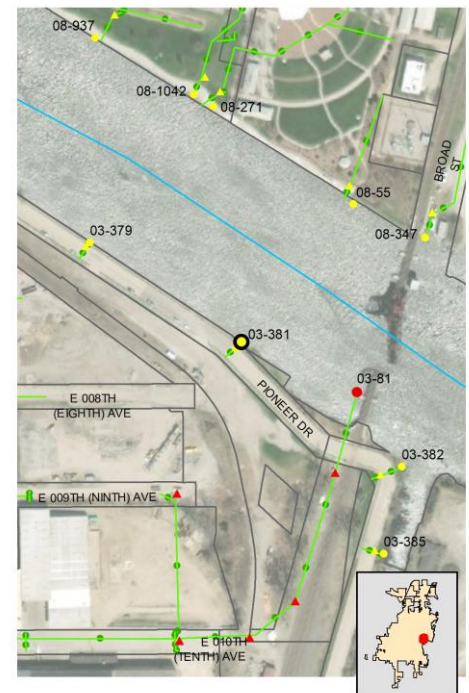
Easting: 793,775

Latitude/Longitude:

Latitude: 44.01137

Longitude: -88.53506

Location Map



Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Inspection Date: 8/16/2021 10:58:06 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 03-381 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ OtherOdor: None ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity: None

Color: None

Gross Solids: None ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ OtherVegetation: None ☐ Inhibited ☐ ExcessiveBenthic Growth: None ☐ Green ☐ BrownStains: None ☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ OtherNon-illicit: None ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816105740.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 2:27:01 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-381 US1. Floating gross solids (litter) in upstream manhole.	 o20200819142502.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 9/17/2019 3:09:53 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-381 US1. Floating gross solids (litter) in manhole.	 o20190917140942.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/22/2018 3:03:58 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-381 US1. Floating gross solids (litter) in manhole.	 o20181022150212.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/18/2017 3:02:59 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 03-381 US1. Floating gross solids (litter) in manhole.	 o20171018150108.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		


Inspection Date: 10/10/2016 9:18:11 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-381 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20161010091656.JPG

2016


Inspection Date: 9/23/2015 7:22:24 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened at 03-381 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20150923062656.JPG

2015


Inspection Date: 10/9/2014 10:22:12 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 03-381 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20141009092246.JPG

2014


Inspection Date: 10/11/2011 9:56:37 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 03-381 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20111011095540.JPG

2011

Inspection Date: 8/18/2010 8:59:26 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 03-381 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20100818085058.JPG

2010

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

03-381

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816105838.JPG

Outfall Notes:

Upstream curb inlet located approx 21ft SW of outfall 03-381. Intermediate area consists of open space and street right-of-way.

County Coordinates:

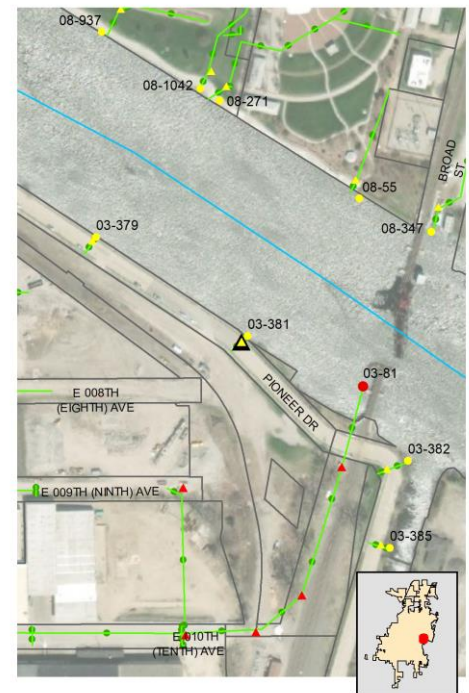
Northing: 470,910

Easting: 793,760

Latitude/Longitude:

Latitude: 44.01134

Longitude: -88.53512

Location Map

Inspection Date: 8/16/2021 11:02:14 AM **Inspector:** JCW **Inspection Type:** Ongoing **Previous Rainfall (hrs):** 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in): 10

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Upstream inlet dry.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☒ Fishy ☒ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in): 3

Damage: ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage



o20210816105850.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-23

Time Collected: 11:00

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 7.01 units

Temperature (field): 78 °F

Conductivity (field): 460 µS/cm

Detergents: 0 mg/L

Inspection Date: 8/19/2020 2:28:06 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Pipe full of sediment/mud. Floating gross solids (litter) in manhole. Elevated ammonia - no incoming pipes.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 3 ppm	Color: Clearly visible in bottl			
pH: 7.43 units	Gross Solids: Moderate			
Temperature 85 °F	Vegetation: None			
Conductivity: 374 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
Non-illicit: None		Condition Assessment		
		Graffiti: None		
		Erosion: None		
		Deposition: Severe in.		
		Damage: None		



o20200819142524.JPG


2020

Inspection Date: 9/17/2019 3:11:54 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 13		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Total Chlorine: 0 ppm	Odor: Faint			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0.5 ppm	Color: None			
pH: 7.16 units	Gross Solids: Slight			
Temperature 75 °F	Vegetation: None			
Conductivity: 381 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
Non-illicit: None		Condition Assessment		
		Graffiti: None		
		Erosion: None		
		Deposition: Moderate 4 in.		
		Damage: None		

Photo Not Available

2019


Inspection Date: 10/22/2018 3:06:47 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 14		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 6.73 units	Gross Solids: Slight			
Temperature 59 °F	Vegetation: None			
Conductivity: 877 µS/cm	Benthic Growth: Slight			
Detergents: 0 mg/L	Stains: None			
Non-illicit: Slight		Condition Assessment		
		Graffiti: None		
		Erosion: None		
		Deposition: None in.		
		Damage: None		



o20181022150350.JPG

2018


Inspection Date: 10/18/2017 3:05:57 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 16		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.71 units	Gross Solids: Moderate			
Temperature 66 °F	Vegetation: None			
Conductivity: 317 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
Non-illicit: None		Condition Assessment		
		Graffiti: None		
		Erosion: None		
		Deposition: None in.		
		Damage: None		



o20171018150142.JPG

2017


Inspection Date: 10/10/2016 9:20:59 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 14	Potential illicit discharge due to gross solids.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	Faint in bottle	
pH:	7.57 units	Gross Solids:	Slight	
Temperature	65 °F	Vegetation:	None	
Conductivity:	365 µS/cm	Benthic Growth:	Moderate	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



10/10/2016
o20161010091822.JPG

2016


Inspection Date: 9/23/2015 7:26:11 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 20	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	Faint	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	1 ppm	Color:	None	
pH:	7.69 units	Gross Solids:	Slight	
Temperature	70 °F	Vegetation:	None	
Conductivity:	352 µS/cm	Benthic Growth:	Slight	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



09/23/2015 07:27
o20150923062728.JPG

2015


Inspection Date: 10/9/2014 10:25:59 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 14		
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	Faint in bottle	
pH:	7.79 units	Gross Solids:	Slight	
Temperature	57 °F	Vegetation:	None	
Conductivity:	408 µS/cm	Benthic Growth:	Slight	
Detergents:	0 mg/L	Stains:	Moderate	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	Minor 2 in.
			Damage:	None



10/09/2014 10:23
o20141009092338.JPG


2014


Inspection Date: 10/11/2011 9:52:43 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 12	2010 screening follow-up. Floatable debris significantly reduced.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	Faint	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.1 units	Gross Solids:	None	
Temperature	71 °F	Vegetation:	None	
Conductivity:	-- µS/cm	Benthic Growth:	None	
Detergents:	-- mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None 0 in.
			Damage:	None



10/11/2011 09:52
o20111011095140.JPG

2011

Inspection Date: 5/26/2011 11:27:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Limited screening conducted to check for floatable debris.		
Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: _____ Turbidity: _____ Color: _____ Gross Solids: Slight Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 o20110526112736.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>		

Inspection Date: 8/18/2010 9:03:59 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 13		
Sampling Results		Notes Floating debris, slight oil sheen in manhole.		
Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.13 units Temperature: 72 °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: Moderate Odor: Faint Turbidity: None Color: Faint in bottle Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 o20100818085124.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2010</div>		

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):



o20210816151248.JPG

Outfall Notes:

Storm sewer from Rockwell Ave discharges to river from east. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 476,107

Easting: 788,230

Latitude/Longitude:

Latitude: 44.02558

Longitude: -88.55615

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/16/2021 3:16:07 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 05-14 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816151250.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 8/19/2020 3:39:27 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																				
Submerged: Fully		Depth (in):																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
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Temperature:	-- ° F																					
Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20200819153632.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2020</div>																				


Inspection Date: 9/18/2019 2:47:43 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Fully		Depth (in):																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
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Turbidity:	None																					
Color:	None																					
Gross Solids:	None																					
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Ammonia:	-- ppm																					
pH:	-- units																					
Temperature:	-- ° F																					
Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20190918134402.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2019</div>																				


Inspection Date: 10/22/2018 5:09:36 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Fully		Depth (in):																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	None																					
Vegetation:	None																					
Benthic Growth:	None																					
Stains:	None																					
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pH:	-- units																					
Temperature:	-- ° F																					
Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20181022170942.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2018</div>																				

Inspection Date: 10/17/2017 3:57:26 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Fully		Depth (in):																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	None																					
Vegetation:	None																					
Benthic Growth:	None																					
Stains:	None																					
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<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="2">Sample Location:</td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- ° F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- ° F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Notes Outfall fully submerged and not located - screened upstream at 05-14 US1. Floating gross solids (litter) in manhole.				
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Total Chlorine:	-- ppm																					
Free Chlorine:	-- ppm																					
Ammonia:	-- ppm																					
pH:	-- units																					
Temperature:	-- ° F																					
Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20171017155038.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2017</div>																				

Inspection Date: 10/10/2016 3:43:20 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20161010154044.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not located - screened upstream at 05-14 US1.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti: None			
Total Chlorine: -- ppm		Odor:	None	Erosion: None			
Free Chlorine: -- ppm		Turbidity:	None	Deposition: None in.			
Ammonia: -- ppm		Color:	None	Damage: None			
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 9/24/2015 10:30:54 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20150924093340.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2015</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not located - screened at 05-14 US1.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti: None			
Total Chlorine: -- ppm		Odor:	None	Erosion: None			
Free Chlorine: -- ppm		Turbidity:	None	Deposition: None in.			
Ammonia: -- ppm		Color:	None	Damage: None			
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 8/25/2010 2:37:24 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p style="text-align: center;">o20100825142900.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2010</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not physically located. Outfall screened upstream at 05-14 US2.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti: None			
Total Chlorine: -- ppm		Odor:	None	Erosion: None			
Free Chlorine: -- ppm		Turbidity:	None	Deposition: None 0 in.			
Ammonia: -- ppm		Color:	None	Damage: None			
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 9/9/2009		Type: Initial		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">Osh09_DSCN6696.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2009</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not physically located. Outfall screened upstream at 05-14 US2.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti: None			
Total Chlorine: -- ppm		Odor:	None	Erosion: None			
Free Chlorine: -- ppm		Turbidity:	None	Deposition: None 0 in.			
Ammonia: -- ppm		Color:	None	Damage: None			
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

05-14

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816151344.JPG

Outfall Notes:

Upstream manhole located approx 30 ft ENE of outfall 05-14. Intermediate area consists of street right-of-way and shoreline.

County Coordinates:

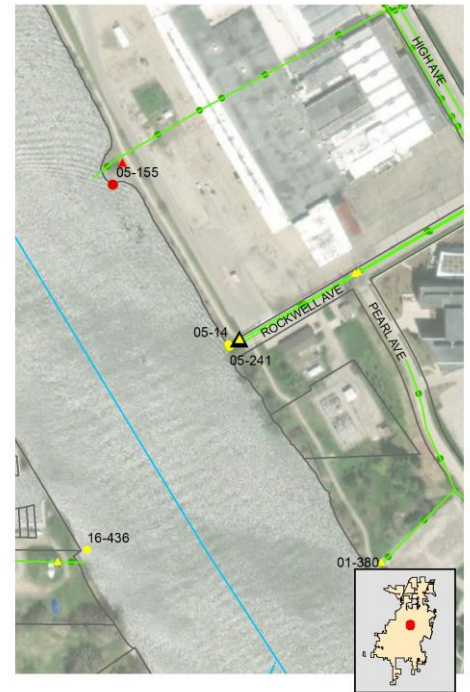
Northing: 476,120

Easting: 788,257

Latitude/Longitude:

Latitude: 44.02562

Longitude: -88.55605



Inspection Date: 8/16/2021 3:16:49 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 46

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Severe

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☒ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210816151352.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-93

Time Collected: 15:12

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.00 units

Temperature (field): 85 °F

Conductivity (field): 367 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/19/2020 3:39:59 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 43		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.94 units</p> <p>Temperature: 87 °F</p> <p>Conductivity: 1577 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20200819154014.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2020</p>

Inspection Date: 9/18/2019 2:48:24 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 45		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 8.9 units</p> <p>Temperature: 78 °F</p> <p>Conductivity: 383 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Moderate</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20190918134540.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>

Inspection Date: 10/22/2018 5:15:36 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 47		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.59 units</p> <p>Temperature: 56 °F</p> <p>Conductivity: 361 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: Cloudy</p> <p>Color: None</p> <p>Gross Solids: Severe</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20181022171308.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>

Inspection Date: 10/17/2017 3:58:36 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 40		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.93 units</p> <p>Temperature: 66 °F</p> <p>Conductivity: 886 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Severe</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20171017155256.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>

Inspection Date: 10/10/2016 3:46:48 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																													
Illicit Discharge Potential: Potential		Inspector: JCW	Notes																																														
Submerged: Fully		Depth (in): 41	Potential illicit discharge due to gross solids.																																														
Sampling Results		Condition Assessment																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Pool</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>7.69 units</td> <td>Gross Solids:</td> <td>Severe</td> </tr> <tr> <td>Temperature</td> <td>70 °F</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>660 µS/cm</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td></td> <td></td> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Sample Location:	Pool	Floatables:	None	Total Chlorine:	0 ppm	Odor:	None	Free Chlorine:	0 ppm	Turbidity:	None	Ammonia:	0 ppm	Color:	None	pH:	7.69 units	Gross Solids:	Severe	Temperature	70 °F	Vegetation:	None	Conductivity:	660 µS/cm	Benthic Growth:	None	Detergents:	0 mg/L	Stains:	None			Non-illicit:	None	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Graffiti:</td> <td>None</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">in.</td> </tr> <tr> <td>Erosion:</td> <td>None</td> </tr> <tr> <td>Deposition:</td> <td>None</td> </tr> <tr> <td>Damage:</td> <td>None</td> </tr> </table>			Graffiti:	None	in.	Erosion:	None	Deposition:	None	Damage:	None
Sample Location:	Pool	Floatables:	None																																														
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Conductivity:	660 µS/cm	Benthic Growth:	None																																														
Detergents:	0 mg/L	Stains:	None																																														
		Non-illicit:	None																																														
Graffiti:	None	in.																																															
Erosion:	None																																																
Deposition:	None																																																
Damage:	None																																																
		 o20161010154428.JPG 2016																																															

Inspection Date: 9/24/2015 10:36:18 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																													
Illicit Discharge Potential: Potential		Inspector: JCW	Notes																																														
Submerged: Fully		Depth (in): 44	Floating gross solids (litter) in manhole.																																														
Sampling Results		Condition Assessment																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Pool</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>7.98 units</td> <td>Gross Solids:</td> <td>Severe</td> </tr> <tr> <td>Temperature</td> <td>70 °F</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>424 µS/cm</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td></td> <td></td> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Sample Location:	Pool	Floatables:	None	Total Chlorine:	0 ppm	Odor:	None	Free Chlorine:	0 ppm	Turbidity:	None	Ammonia:	0 ppm	Color:	None	pH:	7.98 units	Gross Solids:	Severe	Temperature	70 °F	Vegetation:	None	Conductivity:	424 µS/cm	Benthic Growth:	None	Detergents:	0 mg/L	Stains:	None			Non-illicit:	None	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>Graffiti:</td> <td>None</td> <td rowspan="4" style="text-align: center; vertical-align: middle;">in.</td> </tr> <tr> <td>Erosion:</td> <td>None</td> </tr> <tr> <td>Deposition:</td> <td>None</td> </tr> <tr> <td>Damage:</td> <td>None</td> </tr> </table>			Graffiti:	None	in.	Erosion:	None	Deposition:	None	Damage:	None
Sample Location:	Pool	Floatables:	None																																														
Total Chlorine:	0 ppm	Odor:	None																																														
Free Chlorine:	0 ppm	Turbidity:	None																																														
Ammonia:	0 ppm	Color:	None																																														
pH:	7.98 units	Gross Solids:	Severe																																														
Temperature	70 °F	Vegetation:	None																																														
Conductivity:	424 µS/cm	Benthic Growth:	None																																														
Detergents:	0 mg/L	Stains:	None																																														
		Non-illicit:	None																																														
Graffiti:	None	in.																																															
Erosion:	None																																																
Deposition:	None																																																
Damage:	None																																																
		 o20150924093714.JPG 2015																																															

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

Vitrified Clay

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20200819155852.JPG

Outfall Notes:

Storm sewer discharges to river from east. Outfall fully submerged. Pipe info from MS4 map.

County Coordinates:

Northing: 476,503

Easting: 787,956

Latitude/Longitude:

Latitude: 44.02667

Longitude: -88.55720

Mapping Precison:

Mapping GPS

☐ Not Physically Located

Location Map



Inspection Date: 8/16/2021 3:06:05 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 05-155 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816150514.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/19/2020 3:58:53 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged - screened upstream at 05-155 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
			 o20200819155904.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2020</div>	

Inspection Date: 9/24/2015 10:47:17 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 27		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged - screened at 05-155 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
			 o20150924094950.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2015</div>	

Inspection Date: 8/26/2010 9:11:00 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: Slight Benthic Growth: None Stains: None Non-illicit: None		
		Notes Fully submerged. Only vegetation in water is at end of pipe. Outfall screened upstream at 05-155 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
			 o20100826090214.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2010</div>	

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 27		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged. Incorrectly screened upstream at water valve manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
			 Osh09_DSCN6691.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2009</div>	

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - brick

City ID:

05-155

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816150606.JPG

Outfall Notes:

Upstream manhole located approx 57 ft N of outfall 05-155. Intermediate area consists of open space on peninsula.

County Coordinates:

Northing: 476,556

Easting: 787,980

Latitude/Longitude:

Latitude: 44.02681

Longitude: -88.55711



Inspection Date: 8/16/2021 3:08:51 PM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in): 28

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in):

Damage: ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage



o20210816150616.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-70

Time Collected: 15:06

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 8.06 units

Temperature (field): 84 °F

Conductivity (field): 412 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 4:03:15 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 24		
Sampling Results		Notes		
Sample Location:	Pool	Sample collected from submerged pool in manhole.		
Total Chlorine:	0 ppm			
Free Chlorine:	0 ppm			
Ammonia:	0 ppm			
pH:	8.96 units			
Temperature:	87 °F			
Conductivity:	417 µS/cm			
Detergents:	0 mg/L			
Floatables:	None			
Odor:	None			
Turbidity:	None	Condition Assessment		
Color:	None			
Gross Solids:	None			
Vegetation:	None			
Benthic Growth:	None			
Stains:	None			
Non-illicit:	None			
Graffiti:	None			
Erosion:	None			
Deposition:	None			in.
Damage:	None			



o20200819160058.JPG

2020


Inspection Date: 9/24/2015 10:51:26 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 26		
Sampling Results		Notes		
Sample Location:	Pool			
Total Chlorine:	0 ppm			
Free Chlorine:	0 ppm			
Ammonia:	0 ppm			
pH:	7.51 units			
Temperature:	70 °F			
Conductivity:	744 µS/cm			
Detergents:	0 mg/L			
Floatables:	None			
Odor:	None			
Turbidity:	None	Condition Assessment		
Color:	Faint in bottle			
Gross Solids:	None			
Vegetation:	None			
Benthic Growth:	None			
Stains:	None			
Non-illicit:	None			
Graffiti:	None			
Erosion:	None			
Deposition:	None			in.
Damage:	None			



o20150924095342.JPG

2015

Inspection Date: 8/26/2010 9:17:41 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 25		
Sampling Results		Notes		
Sample Location:	Pool			
Total Chlorine:	0 ppm			
Free Chlorine:	0 ppm			
Ammonia:	0 ppm			
pH:	7.87 units			
Temperature:	76 °F			
Conductivity:	-- µS/cm			
Detergents:	0 mg/L			
Floatables:	None			
Odor:	None			
Turbidity:	None	Condition Assessment		
Color:	Faint in bottle			
Gross Solids:	None			
Vegetation:	None			
Benthic Growth:	Slight			
Stains:	None			
Non-illicit:	None			
Graffiti:	None			
Erosion:	None			
Deposition:	None			0 in.
Damage:	None			



o20100826091148.JPG

2010

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):



o20210816151248.JPG

Outfall Notes:

Storm sewer from Rockwell Ave discharges to river from east. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 476,100

Easting: 788,232

Latitude/Longitude:

Latitude: 44.02556

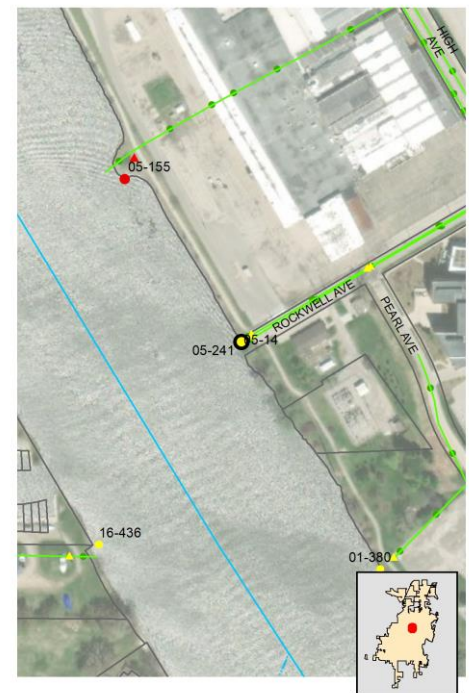
Longitude: -88.55614

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/16/2021 3:20:05 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 05-241 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816151250.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 3:45:30 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 05-241 US1.	 o20200819153632.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2020</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 9/18/2019 2:50:06 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 05-241 US1.	 o20190918134402.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2019</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/22/2018 5:11:27 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 05-241 US1.	 o20181022170952.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2018</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/17/2017 3:57:59 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 05-241 US1. Detergent detected in upstream manhole.	 o20171017155038.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2017</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		


Inspection Date: 10/10/2016 3:43:52 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> Outfall fully submerged and not located - screened upstream at 05-241 US1. </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



o20161010154050.JPG

2016


Inspection Date: 9/24/2015 10:23:00 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> Outfall fully submerged and not located - screened at 05-241 US1. </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



o20150924092602.JPG

2015


Inspection Date: 8/25/2010 2:39:56 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> Outfall fully submerged and not physically located. Outfall screened upstream at 05-241 US2. </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20100825142910.JPG

2010

Inspection Date: 9/9/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> (Empty) </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



Osh09_DSCN6696.JPG

2009

Location Map

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - brick

City ID:

05-241

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816151954.JPG

Outfall Notes:

Upstream catchbasin located approx 31 ft ENE of outfall 05-241. Intermediate area consists of street right-of-way and shoreline.

County Coordinates:

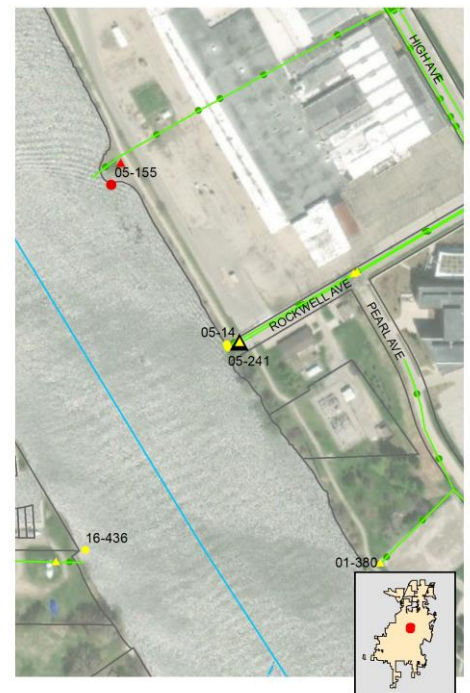
Northing: 476,113

Easting: 788,261

Latitude/Longitude:

Latitude: 44.02560

Longitude: -88.55603



Inspection Date: 8/16/2021 3:22:21 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 23

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210816152000.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-21

Time Collected: 15:19

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.31 units

Temperature (field): 84 °F

Conductivity (field): 1336 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/19/2020 3:46:25 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 20		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 9.22 units</p> <p>Temperature: 84 °F</p> <p>Conductivity: 351 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Elevated pH seemed widespread in river.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20200819154302.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2020</p>

Inspection Date: 9/18/2019 2:53:05 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 22		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0.5 ppm</p> <p>pH: 7.49 units</p> <p>Temperature: 78 °F</p> <p>Conductivity: 564 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Ammonia below action limit.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20190918135010.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>

Inspection Date: 10/22/2018 5:20:26 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 23		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.55 units</p> <p>Temperature: 55 °F</p> <p>Conductivity: 410 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20181022171816.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>

Inspection Date: 10/17/2017 4:02:57 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 16		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.4 units</p> <p>Temperature: 65 °F</p> <p>Conductivity: 244 µS/cm</p> <p>Detergents: 1 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Detergent detected in sample collected from submerged pool in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20171017155840.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>

Inspection Date: 10/10/2016 3:50:18 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes		
Submerged: Fully		Depth (in): 17	 <p style="text-align: center;">o20161010154822.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>		
Sampling Results					
Sample Location:	Pool	Floatables:			None
Total Chlorine:	0 ppm	Odor:			None
Free Chlorine:	0 ppm	Turbidity:			None
Ammonia:	0 ppm	Color:			None
pH:	7.59 units	Gross Solids:			Moderate
Temperature	69 °F	Vegetation:			None
Conductivity:	1551 µS/cm	Benthic Growth:			None
Detergents:	0 mg/L	Stains:			None
		Non-illicit:	Slight		
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 9/24/2015 10:27:12 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes		
Submerged: Fully		Depth (in): 18	 <p style="text-align: center;">o20150924092818.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>		
Sampling Results					
Sample Location:	Pool	Floatables:			None
Total Chlorine:	0 ppm	Odor:			None
Free Chlorine:	0 ppm	Turbidity:			None
Ammonia:	0 ppm	Color:			None
pH:	7.43 units	Gross Solids:			None
Temperature	71 °F	Vegetation:			None
Conductivity:	474 µS/cm	Benthic Growth:			Moderate
Detergents:	0 mg/L	Stains:			None
		Non-illicit:	None		
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Box

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 48

Width (in): 96

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816145044.JPG

Outfall Notes:

Storm sewer from W New York Ave discharges to river from east. Replaces outfall 05-264 (2013).

County Coordinates:

Northing: 478,467

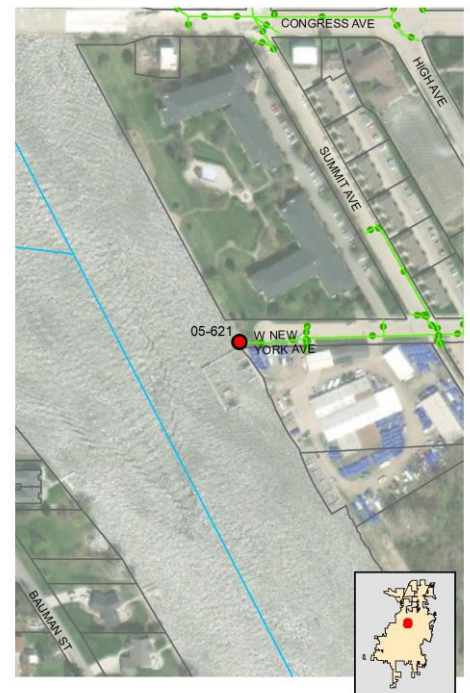
Easting: 786,965

Latitude/Longitude:

Latitude: 44.03205

Longitude: -88.56097

Location Map



Inspection Date: 8/16/2021 2:50:08 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged - screened upstream at 05-621 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816145054.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

05-264

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816145132.JPG

Outfall Notes:

Upstream manhole located approx 21 ft E of outfall 05-621 (formerly 05-264a). Intermediate area consists of shoreline.

County Coordinates:

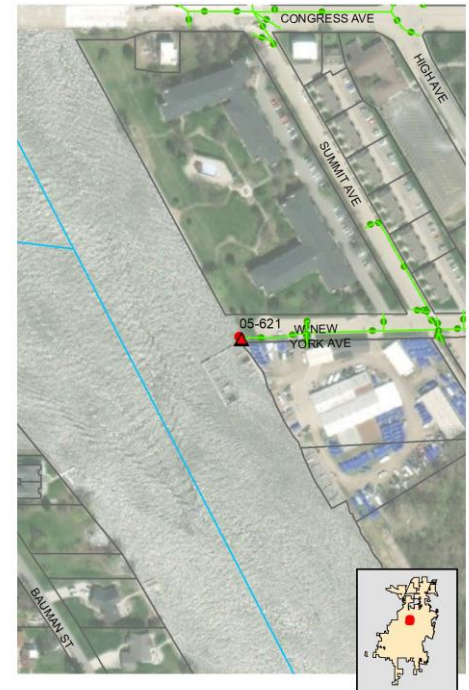
Northing: 478,462

Easting: 786,970

Latitude/Longitude:

Latitude: 44.03204

Longitude: -88.56095

Location Map**Inspection Date:** 8/16/2021 2:54:10 PM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Partially Depth (in): 64

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☒ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816145144.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-10

Time Collected: 14:51

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 8.62 units

Temperature (field): 83 °F

Conductivity (field): 322 µS/cm

Detergents: 0 mg/L

Inspection Date: 9/23/2015 3:30:32 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+															
Illicit Discharge Potential: Unlikely		Inspector: JCW																	
Submerged: Fully		Depth (in): 60																	
Sampling Results		Notes																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Sample Location: Pool</td> <td style="width: 50%;">Floatables: None</td> </tr> <tr> <td>Total Chlorine: 0 ppm</td> <td>Odor: None</td> </tr> <tr> <td>Free Chlorine: 0 ppm</td> <td>Turbidity: None</td> </tr> <tr> <td>Ammonia: 0 ppm</td> <td>Color: None</td> </tr> <tr> <td>pH: 8.65 units</td> <td>Gross Solids: Slight</td> </tr> <tr> <td>Temperature: 75 °F</td> <td>Vegetation: None</td> </tr> <tr> <td>Conductivity: 341 µS/cm</td> <td>Benthic Growth: Slight</td> </tr> <tr> <td>Detergents: 0 mg/L</td> <td>Stains: None</td> </tr> <tr> <td></td> <td>Non-illicit: None</td> </tr> </table>					Sample Location: Pool	Floatables: None	Total Chlorine: 0 ppm	Odor: None	Free Chlorine: 0 ppm	Turbidity: None	Ammonia: 0 ppm	Color: None	pH: 8.65 units	Gross Solids: Slight	Temperature: 75 °F	Vegetation: None	Conductivity: 341 µS/cm	Benthic Growth: Slight	Detergents: 0 mg/L
Sample Location: Pool	Floatables: None																		
Total Chlorine: 0 ppm	Odor: None																		
Free Chlorine: 0 ppm	Turbidity: None																		
Ammonia: 0 ppm	Color: None																		
pH: 8.65 units	Gross Solids: Slight																		
Temperature: 75 °F	Vegetation: None																		
Conductivity: 341 µS/cm	Benthic Growth: Slight																		
Detergents: 0 mg/L	Stains: None																		
	Non-illicit: None																		
		Condition Assessment																	
		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Graffiti: None</td> <td style="width: 50%;"></td> </tr> <tr> <td>Erosion: None</td> <td></td> </tr> <tr> <td>Deposition: None</td> <td>in.</td> </tr> <tr> <td>Damage: None</td> <td></td> </tr> </table>			Graffiti: None		Erosion: None		Deposition: None	in.	Damage: None								
Graffiti: None																			
Erosion: None																			
Deposition: None	in.																		
Damage: None																			



o20150923143650.JPG

2015

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):



o20210816140544.JPG

Outfall Notes:

W 4th Ave storm sewer discharges to river from south. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 472,713

Easting: 789,812

Latitude/Longitude:

Latitude: 44.01628

Longitude: -88.55013

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/16/2021 2:06:06 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 06-52 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816140546.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F

Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 8/19/2020 11:32:11 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-52 US1. Floating gross solids (litter) in upstream manhole.	 o20200819113108.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		


Inspection Date: 9/18/2019 8:43:23 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-52 US1. Floating gross solids (litter) in manhole.	 o20190918074208.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		


Inspection Date: 10/22/2018 4:31:59 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-52 US1. Floating gross solids (litter) in manhole.	 o20181022163054.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/18/2017 11:31:01 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-52 US1. Floating gross solids (litter) in manhole.	<div style="text-align: center; font-size: 24pt; font-weight: bold; color: orange;">Outfall Not Located</div> <div style="text-align: center; font-weight: bold;">Photo Not Available</div> <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/18/2016 2:57:41 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes Outfall fully submerged and not located - screened upstream at 06-52 US1.	
Sampling Results Sample Location:		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L			 o20161018145652.JPG 2016	

Inspection Date: 9/23/2015 8:40:05 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes Outfall fully submerged and not located - screened at 06-52 US1.	
Sampling Results Sample Location:		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L			 o20150923074404.JPG 2015	

Inspection Date: 10/9/2014 9:32:21 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes Outfall fully submerged and not located - screened upstream at 06-52 US1.	
Sampling Results Sample Location:		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L			 o20141009083144.JPG 2014	

Inspection Date: 10/11/2011 11:06:46 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely Submerged: Fully Depth (in):		Inspector: JCW	Notes 2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 06-52 US1.	
Sampling Results Sample Location:		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L			 o20111011110724.JPG 2011	

Inspection Date: 8/18/2010 12:57:36 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located. Outfall screened upstream at 06-52 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm	Turbidity:			
Free Chlorine: -- ppm	Color:			
Ammonia: -- ppm	Gross Solids:			
pH: -- units	Vegetation:			
Temperature -- °F	Benthic Growth:			
Conductivity: -- µS/cm	Stains:			
Detergents: -- mg/L	Non-illicit:			



o20100818124946.JPG

2010

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

06-52

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816140632.JPG

Outfall Notes:

Upstream manhole located approx 34 ft SW of outfall 06-52. Intermediate area consists of open space.

County Coordinates:

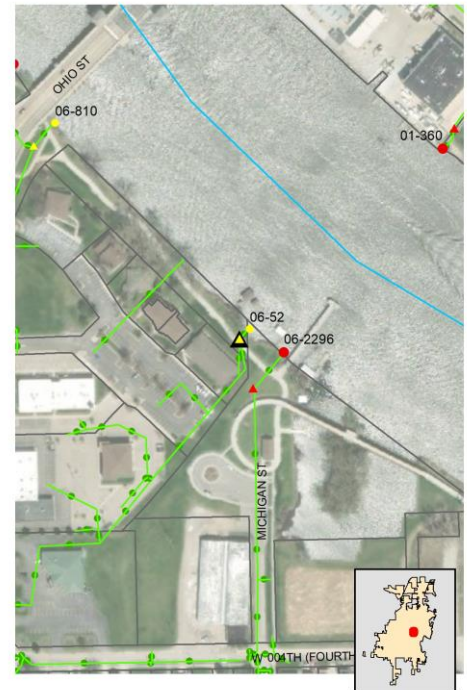
Northing: 472,689

Easting: 789,786

Latitude/Longitude:

Latitude: 44.01621

Longitude: -88.55023



Inspection Date: 8/16/2021 2:08:38 PM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in): 37

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☒ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in):

Damage: ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage



o20210816140640.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-95

Time Collected: 14:06

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 7.84 units

Temperature (field): 82 °F

Conductivity (field): 347 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 11:35:26 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 42		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Elevated pH seemed widespread in river.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 9.11 units	Gross Solids: Moderate			
Temperature 81 °F	Vegetation: None			
Conductivity: 332 µS/cm	Benthic Growth: Moderate			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None	Condition Assessment		
		Graffiti: None	in.	
		Erosion: None		
		Deposition: None		
		Damage: None		



o20200819113240.JPG

2020


Inspection Date: 9/18/2019 8:45:58 AM		Type: Ongoing	Flow: Submerged, no flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 44		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.4 units	Gross Solids: Moderate			
Temperature 70 °F	Vegetation: None			
Conductivity: 391 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None	Condition Assessment		
		Graffiti: None	in.	
		Erosion: None		
		Deposition: None		
		Damage: None		



o20190918074352.JPG

2019


Inspection Date: 10/22/2018 4:34:14 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 44		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.77 units	Gross Solids: Moderate			
Temperature 54 °F	Vegetation: None			
Conductivity: 348 µS/cm	Benthic Growth: Slight			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None	Condition Assessment		
		Graffiti: None	in.	
		Erosion: None		
		Deposition: None		
		Damage: None		



o20181022163150.JPG

2018


Inspection Date: 10/18/2017 11:33:33 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 40		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.39 units	Gross Solids: Severe			
Temperature 65 °F	Vegetation: None			
Conductivity: 403 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None	Condition Assessment		
		Graffiti: None	in.	
		Erosion: None		
		Deposition: None		
		Damage: None		



o20171018112938.JPG

2017


Inspection Date: 10/18/2016 3:00:00 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW	Notes		
Submerged: Fully		Depth (in):	Potential illicit discharge due to gross solids.		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Sample Location:	Pool	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			None
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			Moderate
pH:	8.02 units	Vegetation:			None
Temperature	67 °F	Benthic Growth:			None
Conductivity:	418 µS/cm	Stains:			None
Detergents:	0 mg/L	Non-illicit:			None



o20161018145924.JPG

2016


Inspection Date: 9/23/2015 8:42:53 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW	Notes		
Submerged: Fully		Depth (in): 44	Floating gross solids (litter) in manhole.		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Sample Location:	Pool	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			None
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			Moderate
pH:	8.74 units	Vegetation:			None
Temperature	70 °F	Benthic Growth:			None
Conductivity:	351 µS/cm	Stains:			None
Detergents:	0 mg/L	Non-illicit:			None



o20150923074542.JPG

2015


Inspection Date: 10/9/2014 9:37:13 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW	Notes		
Submerged: Fully		Depth (in): 35	Floating gross solids (litter) in manhole. Filter fabric installed in inlet.		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Sample Location:	Pool	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			Slight cloudiness
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			Severe
pH:	7.82 units	Vegetation:			None
Temperature	56 °F	Benthic Growth:			Slight
Conductivity:	471 µS/cm	Stains:			None
Detergents:	0 mg/L	Non-illicit:			None



o20141009083526.JPG


2014


Inspection Date: 10/11/2011 11:09:29 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes		
Submerged: Fully		Depth (in): 35	2010 screening follow-up. Floatable debris significantly reduced.		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Sample Location:	Pool	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			None
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			Moderate
pH:	8.13 units	Vegetation:			None
Temperature	70 °F	Benthic Growth:			None
Conductivity:	-- µS/cm	Stains:			None
Detergents:	-- mg/L	Non-illicit:			None



o20111011110824.JPG

2011

Inspection Date: 5/26/2011 1:05:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Limited screening conducted to check for floatable debris.		
Submerged: Fully		Depth (in):	 <p style="text-align: center;">o20110526130522.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2011</p>		
Sampling Results		Floatables:			None
Sample Location:		Odor:			
Total Chlorine: -- ppm		Turbidity:			
Free Chlorine: -- ppm		Color:			
Ammonia: -- ppm		Gross Solids:			Moderate
pH: -- units		Vegetation:			
Temperature -- °F		Benthic Growth:			
Conductivity: -- µS/cm		Stains:			
Detergents: -- mg/L		Non-illicit:			None
Condition Assessment			Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		

Inspection Date: 8/18/2010 1:00:07 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Significant floatable debris in manhole.		
Submerged: Fully		Depth (in): 41	 <p style="text-align: center;">o20100818125018.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2010</p>		
Sampling Results		Floatables:			None
Sample Location: Pool		Odor:			None
Total Chlorine: 0 ppm		Turbidity:			Slight cloudiness
Free Chlorine: 0 ppm		Color:			Faint in bottle
Ammonia: 0 ppm		Gross Solids:			Severe
pH: 7.98 units		Vegetation:			None
Temperature 76 °F		Benthic Growth:			None
Conductivity: -- µS/cm		Stains:			None
Detergents: 0 mg/L		Non-illicit:			None
Condition Assessment			Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210817103216.JPG

Outfall Notes:

N Campbell Rd storm sewer discharges to Campbell Creek from south. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 474,575

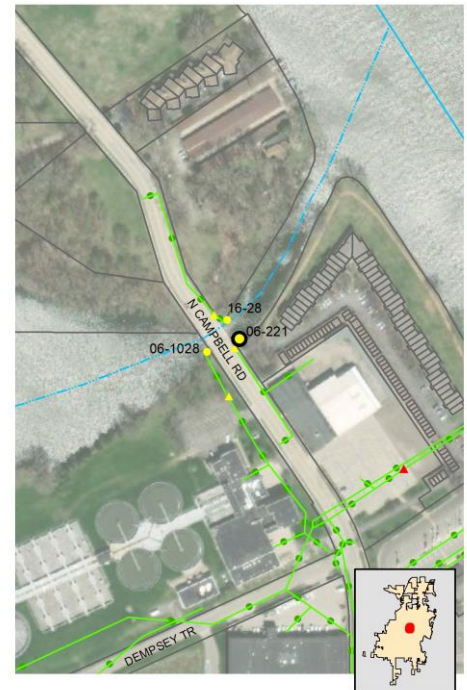
Easting: 787,954

Latitude/Longitude:

Latitude: 44.02138

Longitude: -88.55720

Location Map



Inspection Date: 8/17/2021 10:33:51 AM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 06-221 US1.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in):

Damage: ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage



o20210817103222.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 8/19/2020 10:10:00 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-221 US1.	 o20200819101038.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 9/18/2019 9:37:57 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-221 US1. Floating gross solids (litter) in manhole.	 o20190918083642.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 10/24/2018 7:45:30 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-221 US1. Floating gross solids (litter) in manhole.	 o20181024074402.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 10/18/2017 10:56:45 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-221 US1. Floating gross solids (litter) in manhole.	 o20171018105502.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 10/18/2016 1:40:09 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20161018133940.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not located - screened upstream at 06-221 US1.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti:		None	in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 10/7/2014 9:37:56 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 48-72	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p style="text-align: center;">o20141007083652.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2014</p>	
Submerged: Fully		Depth (in):		Outfall partially submerged and not located - screened upstream at 06-221 US1.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti:		None	in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 10/11/2011 11:34:32 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20111011113446.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2011</p>	
Submerged: Fully		Depth (in):		2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 06-221 US1.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti:		None	0 in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Inspection Date: 8/18/2010 2:38:53 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes		 <p style="text-align: center;">o20100818142820.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2010</p>	
Submerged: Fully		Depth (in):		Outfall fully submerged and not physically located. Outfall screened upstream at 06-221 US1.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti:		None	0 in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		None	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

06-221

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817103340.JPG

Outfall Notes:

Upstream manhole located approx 25 ft SSW of outfall 06-221. Intermediate area consists of open space. 1.5" hose through side of manhole - tied around steps

County Coordinates:

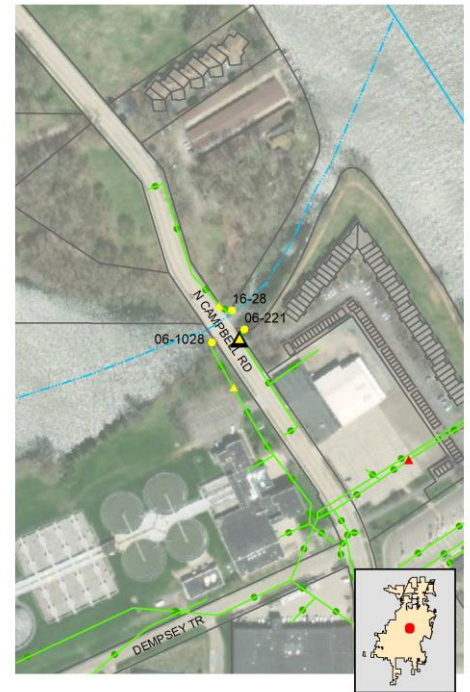
Northing: 474,552

Easting: 787,942

Latitude/Longitude:

Latitude: 44.02132

Longitude: -88.55724



Inspection Date: 8/17/2021 10:34:25 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in): 41

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817103352.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-44

Time Collected: 10:33

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.34 units


Temperature (field): 81 °F

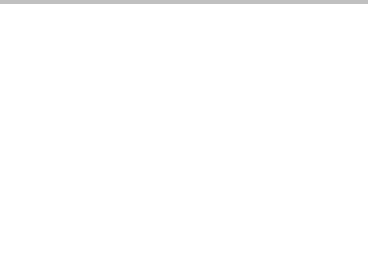
Conductivity (field): 258 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 10:14:42 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 37																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.18 units</td></tr> <tr><td>Temperature:</td><td>78 °F</td></tr> <tr><td>Conductivity:</td><td>265 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.18 units	Temperature:	78 °F	Conductivity:	265 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	0 ppm																																					
pH:	7.18 units																																					
Temperature:	78 °F																																					
Conductivity:	265 µS/cm																																					
Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	Slight																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Notes</p> <p>Sample collected from submerged pool in manhole.</p> </div> <div style="width: 45%;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
		<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <p>o20200819101208.JPG</p> <p>2020</p> </div> </div>																																				

Inspection Date: 9/18/2019 9:40:11 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 39																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.43 units</td></tr> <tr><td>Temperature:</td><td>71 °F</td></tr> <tr><td>Conductivity:</td><td>170 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.43 units	Temperature:	71 °F	Conductivity:	170 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
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Odor:	None																																					
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Color:	None																																					
Gross Solids:	Slight																																					
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Stains:	None																																					
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
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		<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <p>o20190918083752.JPG</p> <p>2019</p> </div> </div>																																				

Inspection Date: 10/24/2018 7:47:19 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Fully		Depth (in): 40																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.59 units</td></tr> <tr><td>Temperature:</td><td>52 °F</td></tr> <tr><td>Conductivity:</td><td>575 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.59 units	Temperature:	52 °F	Conductivity:	575 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
		<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <p>o20181024074456.JPG</p> <p>2018</p> </div> </div>																																				

Inspection Date: 10/18/2017 11:00:06 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Fully		Depth (in): 32																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.24 units</td></tr> <tr><td>Temperature:</td><td>66 °F</td></tr> <tr><td>Conductivity:</td><td>379 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.24 units	Temperature:	66 °F	Conductivity:	379 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Moderate	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	0 ppm																																					
pH:	7.24 units																																					
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Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	Moderate																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
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Graffiti:	None																																					
Erosion:	None																																					
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		<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: right;"> <p>o20171018105550.JPG</p> <p>2017</p> </div> </div>																																				


Inspection Date: 10/18/2016 1:43:57 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 35	Casting displaced 2". Potential illicit discharge due to gross solids.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: Minor	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.06 units	Gross Solids: Moderate			
Temperature 68 °F	Vegetation: None			
Conductivity: 460 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20161018134038.JPG

2016


Inspection Date: 10/7/2014 9:38:38 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 32		
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	3 in.
Total Chlorine: 0 ppm	Odor: None	Deposition: Minor	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.78 units	Gross Solids: Slight			
Temperature -- °F	Vegetation: None			
Conductivity: 351 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20141007083848.JPG

2014


Inspection Date: 10/11/2011 11:37:34 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 32	2010 screening follow-up. Floatable debris still present.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	0 in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.5 units	Gross Solids: Moderate			
Temperature 71 °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: -- mg/L	Stains: None			
	Non-illicit: None			



o20111011113522.JPG

2011

Inspection Date: 8/18/2010 2:43:51 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 36	Torn paper and other floatable debris in manhole.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	0 in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.21 units	Gross Solids: Moderate			
Temperature 79 °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20100818143354.JPG

2010

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 38

Width (in): 60

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210816141854.JPG

Outfall Notes:

Storm sewer from Ohio St discharges to river from west. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 473,225

Easting: 789,346

Latitude/Longitude:

Latitude: 44.01768

Longitude: -88.55190

Location Map



Inspection Date: 8/16/2021 2:19:36 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 06-810 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816141900.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm





Ammonia (field): -- ppm

pH (field): -- units


Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/19/2020 11:18:34 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely Submerged: Fully Depth (in):		Inspector: JCW	Notes	 o20200819111708.JPG
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged and not located - screened upstream at 06-810 US1. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 9/18/2019 9:09:25 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes	 o20190918080814.JPG
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged and not located - screened upstream at 06-810 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 10/22/2018 4:42:27 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes	 o20181022164110.JPG
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged and not located - screened upstream at 06-810 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 10/18/2017 11:21:24 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely Submerged: Fully Depth (in):		Inspector: JCW	Notes	 o20171018111512.JPG
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged and not located - screened upstream at 06-810 US1. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 10/18/2016 2:44:09 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	Outfall fully submerged and not located - screened upstream at 06-810 US1.		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment		
		Graffiti:	None	in.
		Erosion:	None	
		Deposition:	None	
		Damage:	None	



o20161018144322.JPG

2016


Inspection Date: 9/23/2015 9:09:50 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	Outfall fully submerged and not located - screened at 06-810 US1.		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment		
		Graffiti:	None	in.
		Erosion:	None	
		Deposition:	None	
		Damage:	None	



o20150923081344.JPG

2015


Inspection Date: 8/18/2010 1:15:26 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	Outfall fully submerged and not physically located. Outfall screened upstream at 06-810 US1.		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment		
		Graffiti:	None	0 in.
		Erosion:	None	
		Deposition:	None	
		Damage:	None	



o20100818130938.JPG

2010

Inspection Date: 9/10/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:			
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment		
		Graffiti:	None	0 in.
		Erosion:	None	
		Deposition:	None	
		Damage:	None	



Osh09_DSCN6798.JPG

2009

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

06-810

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816141956.JPG

Outfall Notes:

Upstream manhole located approx 77 ft SW of outfall 06-810. Intermediate area consists of open area.

County Coordinates:

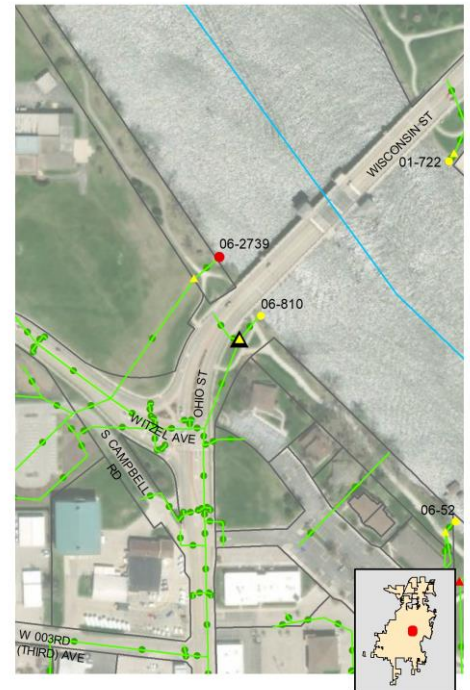
Northing: 473,170

Easting: 789,293

Latitude/Longitude:

Latitude: 44.01753

Longitude: -88.55210



Inspection Date: 8/16/2021 2:20:40 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 58

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816142010.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-51

Time Collected: 14:22

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 7.86 units

Temperature (field): 82 °F

Conductivity (field): 331 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 11:21:56 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 36		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.99 units	Gross Solids: Slight			
Temperature 80 °F	Vegetation: None			
Conductivity: 343 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20200819111844.JPG

2020


Inspection Date: 9/18/2019 9:12:03 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 57		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.62 units	Gross Solids: Slight			
Temperature 71 °F	Vegetation: None			
Conductivity: 387 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20190918080922.JPG

2019


Inspection Date: 10/22/2018 4:45:48 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 58		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.7 units	Gross Solids: Slight			
Temperature 55 °F	Vegetation: None			
Conductivity: 370 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20181022164226.JPG


2018


Inspection Date: 10/18/2017 11:23:20 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 50		
Sampling Results		Notes Sample collected from submerged pool in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.85 units	Gross Solids: Slight			
Temperature 65 °F	Vegetation: None			
Conductivity: 174 µS/cm	Benthic Growth: Moderate			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			





o20171018111612.JPG

2017

Inspection Date: 10/18/2016 2:47:47 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 52																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.93 units</td></tr> <tr><td>Temperature:</td><td>67 °F</td></tr> <tr><td>Conductivity:</td><td>400 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.93 units	Temperature:	67 °F	Conductivity:	400 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	0 ppm																																					
pH:	7.93 units																																					
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Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Slight																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Notes</p> </div> <div style="width: 45%;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20161018144430.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>																																		

Inspection Date: 9/23/2015 9:13:00 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 57																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>8.39 units</td></tr> <tr><td>Temperature:</td><td>70 °F</td></tr> <tr><td>Conductivity:</td><td>372 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	8.39 units	Temperature:	70 °F	Conductivity:	372 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	0 ppm																																					
pH:	8.39 units																																					
Temperature:	70 °F																																					
Conductivity:	372 µS/cm																																					
Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Slight																																					
Stains:	None																																					
Non-illicit:	None																																					
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20150923081432.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>																																		

Inspection Date: 8/18/2010 1:18:51 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 55																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0.5 ppm</td></tr> <tr><td>pH:</td><td>7.68 units</td></tr> <tr><td>Temperature:</td><td>78 °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>Faint</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>Faint in bottle</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0.5 ppm	pH:	7.68 units	Temperature:	78 °F	Conductivity:	-- µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	Faint	Turbidity:	None	Color:	Faint in bottle	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	0.5 ppm																																					
pH:	7.68 units																																					
Temperature:	78 °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	Faint																																					
Turbidity:	None																																					
Color:	Faint in bottle																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None 0 in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20100818131246.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2010</p>																																		

Inspection Date: 9/10/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Partially		Depth (in): 6																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>8.42 units</td></tr> <tr><td>Temperature:</td><td>82 °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	-- ppm	pH:	8.42 units	Temperature:	82 °F	Conductivity:	-- µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
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Ammonia:	-- ppm																																					
pH:	8.42 units																																					
Temperature:	82 °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Notes</p> <p>Abnormal detergent analysis result (bubbles)</p> </div> <div style="width: 45%;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None 0 in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None 0 in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None 0 in.																																					
Damage:	None																																					
				 <p style="text-align: center;">Osh09_DSCN6801.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2009</p>																																		

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

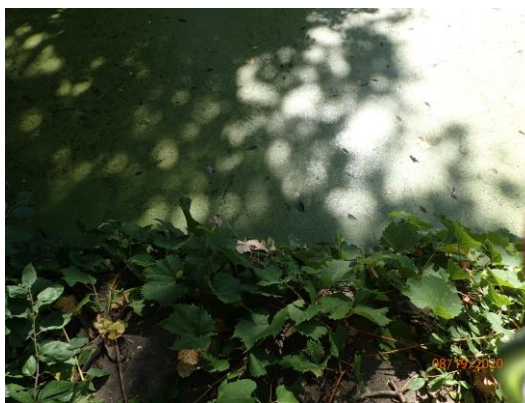
Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20200819105032.JPG

Outfall Notes:

Storm sewer from Josslyn St discharges to stream from west. Exits wall approx 9' north of fence.

County Coordinates:

Northing: 473,749

Easting: 786,270

Latitude/Longitude:

Latitude: 44.01911

Longitude: -88.56360

Location Map



Inspection Date: 8/17/2021 10:19:04 AM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in): 43

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 06-829 US1.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ OtherOdor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ FragrantTurbidity: Color: Gross Solids: ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ OtherVegetation: ☐ Inhibited ☐ ExcessiveBenthic Growth: ☐ Green ☐ BrownStains: ☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ OtherNon-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817101734.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm

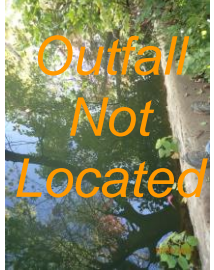
pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 10:50:40 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 06-829 US1.	 o20200819105038.JPG 2020
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/8/2019 4:16:54 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged - screened upstream at 06-829 US1. Floating gross solids (litter) in manhole.	 o20191008151534.JPG 2019
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/25/2018 1:36:22 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged - screened upstream at 06-829 US1. Floating gross solids (litter) in manhole.	 o20181025133432.JPG 2018
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/7/2014 10:34:09 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 42		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: None	Notes Outfall fully submerged - screened upstream at 06-829 US1. Manhole lid in water near end of pipe.	 o20141007093522.JPG 2014
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		


Inspection Date: 9/5/2013 9:25:55 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 45			2012 screening follow-up. Outfall fully submerged. Outfall screened upstream at 06-829 US1. Gross solids in upstream mh.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20130905082920.JPG

2013


Inspection Date: 9/27/2012 12:33:16 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged; screened upstream at 06-829 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20120927113654.JPG

2012

Inspection Date: 6/13/2012 2:26:38 PM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Gross solids pre-screening.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20120613132730.JPG

2012

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

06-831

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817102122.JPG

Outfall Notes:

Upstream manhole located approx 360 ft W of outfall 06-829. Intermediate area consists of multifamily residential and commercial properties. Two downstream manholes not located. High school located immediately upstream.

County Coordinates:

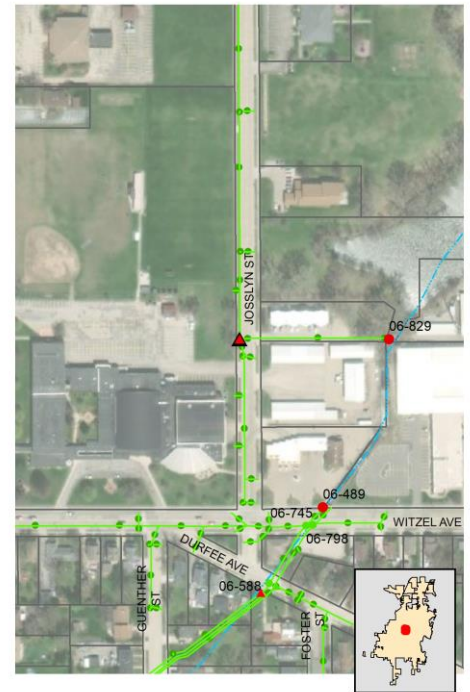
Northing: 473,756

Easting: 785,906

Latitude/Longitude:

Latitude: 44.01913

Longitude: -88.56498



Inspection Date: 8/17/2021 10:24:05 AM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in): 38

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817102130.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-56

Time Collected: 10:21

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.30 units


Temperature (field): 77 °F


Conductivity (field): 1449 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/19/2020 10:56:12 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 35		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.57 units</p> <p>Temperature: 80 °F</p> <p>Conductivity: 1508 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20200819105348.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2020</p>

Inspection Date: 10/8/2019 4:19:45 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 42		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.47 units</p> <p>Temperature: 64 °F</p> <p>Conductivity: 1533 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Moderate</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20191008151850.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>

Inspection Date: 10/25/2018 1:40:19 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 39		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.64 units</p> <p>Temperature: 58 °F</p> <p>Conductivity: 1550 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Moderate</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20181025133814.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>

Inspection Date: 10/7/2014 10:41:53 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 30		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.82 units</p> <p>Temperature: -- °F</p> <p>Conductivity: 1715 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Vegetative debris from opening lid.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 <p style="text-align: center;">o20141007094030.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2014</p>


Inspection Date: 9/5/2013 9:16:05 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 35	2012 screening follow-up. Significant gross solids in manhole - similar to previous years.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.7 units	Gross Solids: Severe			
Temperature 71 °F	Vegetation: None			
Conductivity: 1666 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: Slight			
	Non-illicit: None			



o20130905082002.JPG

2013


Inspection Date: 9/27/2012 12:28:37 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 30		
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.72 units	Gross Solids: Moderate			
Temperature 64 °F	Vegetation: None			
Conductivity: 1583 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: Slight			
	Non-illicit: None			



o20120927113044.JPG

2012

Inspection Date: 6/13/2012 2:30:25 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 37	Gross solids pre-screening. Bottles in manhole.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.58 units	Gross Solids: Severe			
Temperature 70 °F	Vegetation: None			
Conductivity: 1765 µS/cm	Benthic Growth: Slight			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20120613133100.JPG

2012

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 34

Width (in): 53

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20200819102046.JPG

Outfall Notes:

Storm sewer from Campbell Rd discharges to river from west. Outfall fully submerged - GPS coordinates approximate. Pipe info from MS4 map. (Formerly 06-253.)

County Coordinates:

Northing: 474,389

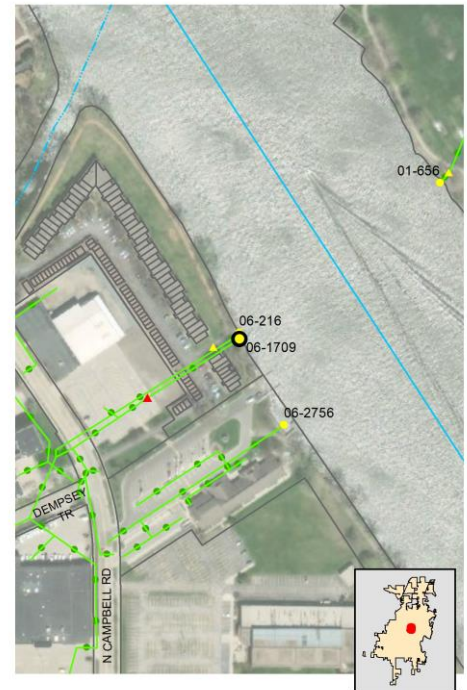
Easting: 788,576

Latitude/Longitude:

Latitude: 44.02087

Longitude: -88.55483

Location Map



Inspection Date: 8/17/2021 10:43:57 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, significant flow

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 06-1709 US1. Detergent detected in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817104212.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 8/19/2020 10:22:53 AM		Type: Ongoing	Flow: Submerged, significant flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 38		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged - screened upstream at 06-253 US1.	 o20200819102052.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 9/18/2019 9:25:08 AM		Type: Ongoing	Flow: Submerged, significant flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged, significant flow causing surface disturbance. Screened upstream at 06-253 US1.	 o20190918082324.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 10/24/2018 7:29:02 AM		Type: Ongoing	Flow: Submerged, significant flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged, significant flow causing surface disturbance. Screened upstream at 06-253 US1. Elevated ammonia and conductivity in manhole.	 o20181024072834.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 10/19/2017 1:14:17 PM		Type: Ongoing	Flow: Submerged, significant flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged with significant flow causing surface disturbance. Screened upstream at 06-253 US1. Elevated ammonia in manhole.	 o20171019131334.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 10/18/2016 1:59:02 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Notes Outfall fully submerged and not located - screened upstream at 06-253 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20161018135746.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2016</div>		

Inspection Date: 9/23/2015 9:26:08 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Notes Outfall fully submerged and not located - screened at 06-253 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20150923082910.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2015</div>		

Inspection Date: 8/18/2010 1:51:34 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 06-263 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 o20100818134248.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2010</div>		

Inspection Date: 9/10/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Notes		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 Osh09_DSCN6785.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2009</div>		

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

06-253

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817104748.JPG

Outfall Notes:

Upstream manhole located approx 266 ft WSW of outfall 06-1709 (formerly 06-253). Intermediate area consists of parking lot, multifamily residential buildings and garages.

County Coordinates:

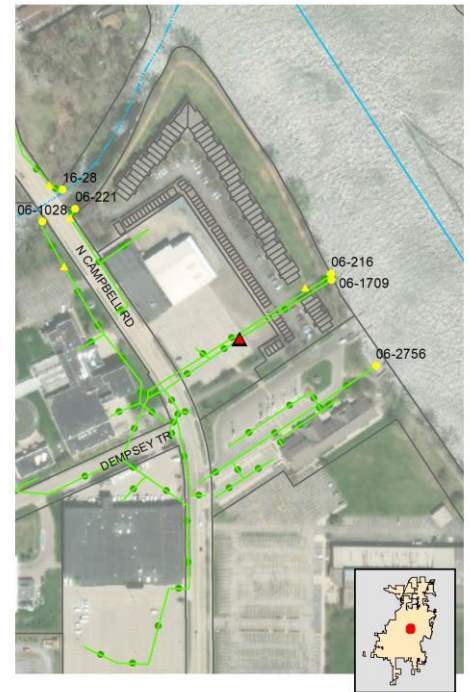
Northing: 474,249

Easting: 788,349

Latitude/Longitude:

Latitude: 44.02049

Longitude: -88.55569



Inspection Date: 8/17/2021 10:51:45 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, significant flow

Submerged: Fully

Depth (in): 48

Illicit Discharge Potential: Potential

Notes: Sample collected from flow in catchbasin. Detergent detected in sample.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817104756.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210817-39

Time Collected: 10:48

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.08 units


Temperature (field): 80 °F


Conductivity (field): 1154 µS/cm


Detergents: 0.4 mg/L


Inspection Date: 8/19/2020 10:28:37 AM		Type: Ongoing	Flow: Submerged, significant flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 42																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>6.92 units</td></tr> <tr><td>Temperature:</td><td>76 °F</td></tr> <tr><td>Conductivity:</td><td>1320 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	6.92 units	Temperature:	76 °F	Conductivity:	1320 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	None	Non-illicit:	None
Sample Location:	Flow																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	0 ppm																																					
pH:	6.92 units																																					
Temperature:	76 °F																																					
Conductivity:	1320 µS/cm																																					
Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Moderate																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex;"> <div style="flex: 1;"> <p>Notes</p> <p>Sample collected from submerged flow in manhole.</p> </div> <div style="flex: 1;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20200819102530.JPG 2020																																		


Inspection Date: 9/18/2019 9:48:09 AM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 45																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.38 units</td></tr> <tr><td>Temperature:</td><td>71 °F</td></tr> <tr><td>Conductivity:</td><td>1261 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.38 units	Temperature:	71 °F	Conductivity:	1261 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
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Turbidity:	None																																					
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Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex;"> <div style="flex: 1;"> <p>Notes</p> <p>Sample collected from submerged flow in manhole. Floating gross solids (litter) in manhole.</p> </div> <div style="flex: 1;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20190918084446.JPG 2019																																		


Inspection Date: 10/24/2018 7:21:30 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Fully		Depth (in): 46																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>3 ppm</td></tr> <tr><td>pH:</td><td>7.27 units</td></tr> <tr><td>Temperature:</td><td>52 °F</td></tr> <tr><td>Conductivity:</td><td>2280 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	3 ppm	pH:	7.27 units	Temperature:	52 °F	Conductivity:	2280 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
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pH:	7.27 units																																					
Temperature:	52 °F																																					
Conductivity:	2280 µS/cm																																					
Detergents:	0 mg/L																																					
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Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	Slight																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex;"> <div style="flex: 1;"> <p>Notes</p> <p>Sample collected from submerged flow in manhole. Elevated ammonia and conductivity in sample.</p> </div> <div style="flex: 1;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20181024071720.JPG 2018																																		

Inspection Date: 10/19/2017 1:19:57 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Fully		Depth (in): 40																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>3 ppm</td></tr> <tr><td>pH:</td><td>7.15 units</td></tr> <tr><td>Temperature:</td><td>68 °F</td></tr> <tr><td>Conductivity:</td><td>1990 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	3 ppm	pH:	7.15 units	Temperature:	68 °F	Conductivity:	1990 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Flow																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	3 ppm																																					
pH:	7.15 units																																					
Temperature:	68 °F																																					
Conductivity:	1990 µS/cm																																					
Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex;"> <div style="flex: 1;"> <p>Notes</p> <p>Sample collected from submerged flow in manhole. Elevated ammonia.</p> </div> <div style="flex: 1;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20171019131708.JPG 2017																																		

Inspection Date: 10/18/2016 2:03:25 PM		Type: Ongoing		Flow: Submerged, significant flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p>o20161018140148.JPG</p> <p>2016</p>	
Submerged: Fully		Depth (in): 40		Strong current; significant flies in manhole.			
Sampling Results Sample Location: Flow Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.01 units Temperature: 70 °F Conductivity: 1228 µS/cm Detergents: 0 mg/L		Floatables: None Odor: Faint Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None			

Inspection Date: 9/23/2015 9:31:39 AM		Type: Ongoing		Flow: Submerged, significant flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p>o20150923083310.JPG</p> <p>2015</p>	
Submerged: Fully		Depth (in): 42		Significant current detected in pool. Many flies emerging from water.			
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.53 units Temperature: 70 °F Conductivity: 1220 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Slight Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None			

Inspection Date: 8/18/2010 2:07:41 PM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p>o20100818135922.JPG</p> <p>2010</p>	
Submerged: Fully		Depth (in): 43					
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.05 units Temperature: 81 °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None			

Inspection Date: 9/10/2009		Type: Initial		Flow: Submerged, slight flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p>Osh09_DSCN6791.JPG</p> <p>2009</p>	
Submerged: Fully		Depth (in): 38		River fly swarm inside manhole.			
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: -- ppm pH: 6.92 units Temperature: 79 °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None			

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 60

Height/Depth (in):

Width (in):



o20210816142714.JPG

Outfall Notes:

Storm sewer from Witzel Ave discharges to river from southwest.

County Coordinates:

Northing: 473,371

Easting: 789,248

Latitude/Longitude:

Latitude: 44.01808

Longitude: -88.55228

Mapping Precison:

Mapping GPS

☐ Not Physically Located

Location Map



Inspection Date: 8/16/2021 2:29:18 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged - screened upstream at 06-2739 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816142728.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Location Map

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

06-2739

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816142910.JPG

Outfall Notes:

Upstream catchbasin located approx 81 ft SW of outfall 06-2739. Intermediate area consists of open space and trail.

County Coordinates:

Northing: 473,320

Easting: 789,185

Latitude/Longitude:

Latitude: 44.01794

Longitude: -88.55251



Inspection Date: 8/16/2021 2:31:47 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 82

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816142918.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-96

Time Collected: 14:30

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.15 units

Temperature (field): 82 °F

Conductivity (field): 333 µS/cm

Detergents: 0 mg/L

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Arch

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 27

Width (in): 43

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20200820125134.JPG

Outfall Notes:

Bay St storm sewer discharges to river from north. Outfall fully submerged. Pipe info from MS4 map.

County Coordinates:

Northing: 471,023

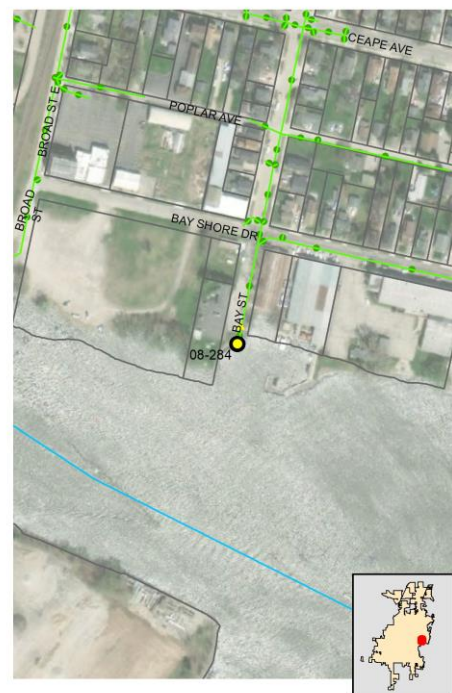
Easting: 794,824

Latitude/Longitude:

Latitude: 44.01165

Longitude: -88.53108

Location Map



Inspection Date: 8/16/2021 9:52:24 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall partially submerged - screened upstream at 08-284 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816095056.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units


Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/20/2020 12:51:42 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes	 o20200820125142.JPG 2020
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged and not located - screened upstream at 08-284 US1. Floating gross solids (litter) in upstream manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 9/17/2019 2:38:06 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes	 o20190917133750.JPG 2019
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged and not located - screened upstream at 08-284 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 10/22/2018 10:51:14 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential Submerged: Fully Depth (in):		Inspector: JCW	Notes	 o20181022105100.JPG 2018
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged and not located - screened upstream at 08-284 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 10/17/2017 1:56:02 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 36		Inspector: JCW	Notes	 o20171017135302.JPG 2017
Sampling Results Sample Location: Floatables: None Total Chlorine: -- ppm Odor: None Free Chlorine: -- ppm Turbidity: None Ammonia: -- ppm Color: None pH: -- units Gross Solids: None Temperature -- °F Vegetation: None Conductivity: -- µS/cm Benthic Growth: None Detergents: -- mg/L Stains: None Non-illicit: None			Outfall fully submerged with approx 9" of water over crown of pipe - screened upstream at 08-284 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 10/10/2016 10:18:48 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 08-284 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20161010101832.JPG

2016


Inspection Date: 9/22/2015 10:04:59 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 30	Outfall fully submerged - screened at 08-284 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20150922090932.JPG

2015


Inspection Date: 10/9/2014 11:24:44 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 29	Outfall fully submerged - screened upstream at 08-284 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: Minor 3 in. Damage: Minor	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20141009102400.JPG

2014

Inspection Date: 10/11/2011 8:37:04 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 25	2010 screening follow-up. Outfall fully submerged. Outfall screened upstream at 08-284 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20111011083728.JPG

2011

Inspection Date: 8/17/2010 9:35:00 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 08-284 US1.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20100817093554.JPG

2010

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

08-284

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816095208.JPG

Outfall Notes:

Upstream manhole located approx 26 ft N of outfall 08-284. Intermediate area consists of street right-of-way and open space.

County Coordinates:

Northing: 471,067

Easting: 794,833

Latitude/Longitude:

Latitude: 44.01177

Longitude: -88.53104

Location Map**Inspection Date:** 8/16/2021 9:55:45 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully

Depth (in): 36

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Severe

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210816095220.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-69

Time Collected: 09:53

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.14 units

Temperature (field): 77 °F

Conductivity (field): 328 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment


Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/20/2020 12:55:02 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 33		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Elevated pH seemed widespread in river.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 9.23 units	Gross Solids: Moderate			
Temperature 82 °F	Vegetation: None			
Conductivity: 320 µS/cm	Benthic Growth: Moderate			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20200820125256.JPG

2020


Inspection Date: 9/17/2019 2:41:09 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 34		
Sampling Results		Notes Sample collected from submerged pool in outfall. Syringe and other floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.79 units	Gross Solids: Severe			
Temperature 76 °F	Vegetation: None			
Conductivity: 341 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20190917133856.JPG

2019


Inspection Date: 10/22/2018 10:54:41 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 34		
Sampling Results		Notes Sample collected from submerged pool in outfall. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: Faint in bottle			
pH: 7.5 units	Gross Solids: Moderate			
Temperature 54 °F	Vegetation: None			
Conductivity: 314 µS/cm	Benthic Growth: Moderate			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20181022105156.JPG

2018


Inspection Date: 10/17/2017 1:59:35 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 30		
Sampling Results		Notes Sample collected from submerged pool in outfall. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.67 units	Gross Solids: Moderate			
Temperature 66 °F	Vegetation: None			
Conductivity: 352 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20171017135518.JPG

2017


Inspection Date: 10/10/2016 10:21:35 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 32	Potential illicit discharge due to gross solids.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: Clearly visible in bottl			
pH: 8.15 units	Gross Solids: Moderate			
Temperature 63 °F	Vegetation: None			
Conductivity: 369 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20161010101916.JPG

2016


Inspection Date: 9/22/2015 10:09:39 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 34	Floating gross solids (litter) in manhole.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.8 units	Gross Solids: Severe			
Temperature 70 °F	Vegetation: None			
Conductivity: 335 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20150922091040.JPG

2015


Inspection Date: 10/9/2014 11:28:19 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 29	Floating gross solids (litter) in manhole.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: Faint in bottle			
pH: 8.34 units	Gross Solids: Severe			
Temperature 57 °F	Vegetation: None			
Conductivity: 400 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20141009102622.JPG


2014


Inspection Date: 10/11/2011 8:41:22 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 18	2010 screening follow-up. Floatable debris significantly reduced.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.11 units	Gross Solids: Slight			
Temperature 72 °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: -- mg/L	Stains: None			
	Non-illicit: None			



o20111011084038.JPG

2011

Inspection Date: 5/26/2011 11:01:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+		
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Limited screening conducted to check for floatable debris.			
Submerged: Fully		Depth (in):	 o20110526110156.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>			
Sampling Results		Floatables:			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:				
Total Chlorine:	-- ppm	Turbidity:				
Free Chlorine:	-- ppm	Color:				
Ammonia:	-- ppm	Gross Solids:				Moderate
pH:	-- units	Vegetation:				
Temperature	-- °F	Benthic Growth:				
Conductivity:	-- µS/cm	Stains:				
Detergents:	-- mg/L	Non-illicit:				None

Inspection Date: 8/17/2010 9:47:15 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+		
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Significant floatable debris in manhole.			
Submerged: Fully		Depth (in): 31	 o20100817093838.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2010</div>			
Sampling Results		Floatables:			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location: Pool		Odor:				
Total Chlorine:	0 ppm	Turbidity:				None
Free Chlorine:	0 ppm	Color:				Faint in bottle
Ammonia:	0 ppm	Gross Solids:				Severe
pH:	7.64 units	Vegetation:				None
Temperature	74 °F	Benthic Growth:				None
Conductivity:	-- µS/cm	Stains:				None
Detergents:	0 mg/L	Non-illicit:				None

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 42

Height/Depth (in):

Width (in):



o20210816100040.JPG

Outfall Notes:

Broad St storm sewer discharges to river from north. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 471,171

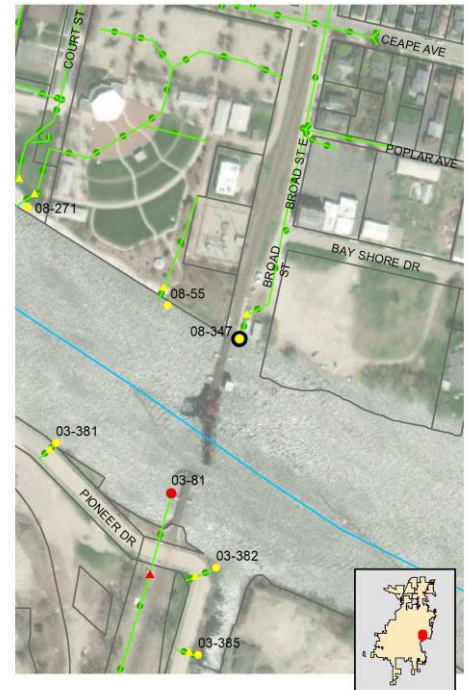
Easting: 794,227

Latitude/Longitude:

Latitude: 44.01205

Longitude: -88.53335

Location Map



Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Inspection Date: 8/16/2021 10:01:15 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 08-347 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816100046.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/20/2020 12:42:50 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 08-347 US1. Floating gross solids (litter) in upstream manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20200820124230.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>		

Inspection Date: 9/17/2019 2:47:00 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 08-347 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20190917134640.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>		

Inspection Date: 10/22/2018 10:59:46 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 08-347 US1. Floating gross solids (litter) in manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20181022105820.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>		

Inspection Date: 10/17/2017 2:04:43 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 08-347 US1. Floating gross solids (litter) in manhole.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20171017140150.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>		


Inspection Date: 10/10/2016 10:13:44 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 08-347 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20161010101244.JPG

2016


Inspection Date: 9/22/2015 10:41:14 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened at 08-347 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20150922094458.JPG

2015


Inspection Date: 10/9/2014 11:13:09 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 08-347 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20141009101330.JPG

2014

Inspection Date: 10/11/2011 8:48:34 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 08-347 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20111011084904.JPG

2011

Inspection Date: 8/17/2010 10:13:00 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:		Floatables:	None	
Total Chlorine: -- ppm		Odor:	None	
Free Chlorine: -- ppm		Turbidity:	None	
Ammonia: -- ppm		Color:	None	
pH: -- units		Gross Solids:	None	
Temperature -- °F		Vegetation:	None	
Conductivity: -- µS/cm		Benthic Growth:	None	
Detergents: -- mg/L		Stains:	None	
		Non-illicit:	None	
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 08-347 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20100817100702.JPG

2010

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

08-347

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):



o20210816100130.JPG

Outfall Notes:

Upstream manhole located approx 64 ft NNE of outfall 08-347. Intermediate area consists of gravel parking area and railroad storage shed.

County Coordinates:

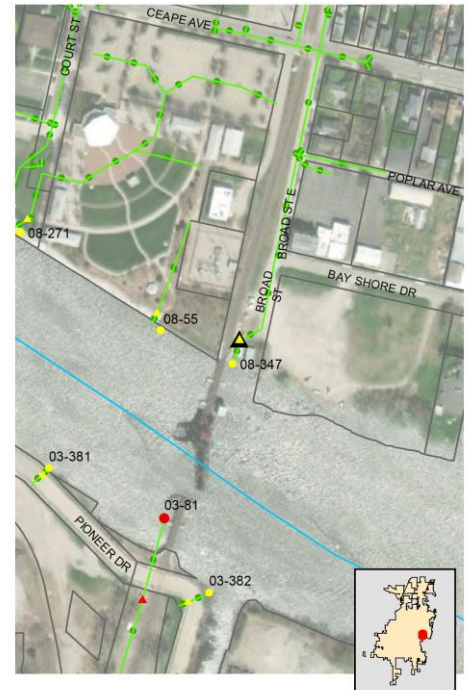
Northing: 471,232

Easting: 794,245

Latitude/Longitude:

Latitude: 44.01222

Longitude: -88.53328

Location Map**Mapping Precison:**

Mapping GPS

☐ Not Physically Located**Inspection Date:** 8/16/2021 10:04:55 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully Depth (in): 51

Illicit Discharge Potential: Unlikely**Notes:** Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210816100142.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-79

Time Collected: 10:02

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.84 units

Temperature (field): 76 °F

Conductivity (field): 318 µS/cm

Detergents: 0 mg/L





Physical Condition Assessment

Graffiti: None


Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 8/20/2020 12:45:49 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 48		Inspector: JCW	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.95 units Temperature: 82 °F Conductivity: 340 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20200820124306.JPG 2020	
Inspection Date: 9/17/2019 2:49:27 PM Illicit Discharge Potential: Unlikely Submerged: Fully Depth (in): 50		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.56 units Temperature: 75 °F Conductivity: 356 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Slight Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Sample collected from submerged pool in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20190917134722.JPG 2019	
Inspection Date: 10/22/2018 11:02:59 AM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 53		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.49 units Temperature: 55 °F Conductivity: 321 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: Faint in bottle Gross Solids: Slight Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: None	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20181022110036.JPG 2018	
Inspection Date: 10/17/2017 2:07:18 PM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 46		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.29 units Temperature: 66 °F Conductivity: 346 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20171017140304.JPG 2017	


Inspection Date: 10/18/2016 5:02:56 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 46			Potential illicit discharge due to gross solids.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: Faint in bottle		
Ammonia: 0 ppm		Gross Solids: Severe		
pH: 8.18 units		Vegetation: None		
Temperature 66 °F		Benthic Growth: None		
Conductivity: 361 µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		



o20161018170248.JPG

2016


Inspection Date: 9/22/2015 10:46:05 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 48			Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: Moderate		
pH: 8.33 units		Vegetation: None		
Temperature 73 °F		Benthic Growth: None		
Conductivity: 352 µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		



o20150922094746.JPG

2015


Inspection Date: 10/9/2014 11:17:38 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 43			Floating gross solids (litter) in manhole.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: Moderate		
pH: 7.67 units		Vegetation: None		
Temperature 59 °F		Benthic Growth: None		
Conductivity: 422 µS/cm		Stains: None		
Detergents: 0 mg/L		Non-illicit: None		



o20141009101552.JPG

2014


Inspection Date: 10/11/2011 8:51:38 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 43			2010 screening follow-up. Floatable debris significantly reduced.	
Sampling Results		Floatables: None	Condition Assessment	
Sample Location: Pool		Odor: None	Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: Faint in bottle		
Ammonia: 0 ppm		Gross Solids: Slight		
pH: 7.87 units		Vegetation: None		
Temperature 71 °F		Benthic Growth: None		
Conductivity: -- µS/cm		Stains: None		
Detergents: -- mg/L		Non-illicit: None		



o20111011085018.JPG

2011


Inspection Date: 5/26/2011 11:05:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Limited screening conducted to check for floatable debris.																																					
Submerged: Fully Depth (in):																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location:</td> <td>Odor:</td> <td></td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> <td>Turbidity:</td> <td></td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> <td>Color:</td> <td></td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>pH:</td> <td>-- units</td> <td>Vegetation:</td> <td></td> </tr> <tr> <td>Temperature</td> <td>-- °F</td> <td>Benthic Growth:</td> <td></td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td></td> </tr> <tr> <td>Detergents:</td> <td>-- mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:		Odor:		Total Chlorine:	-- ppm	Turbidity:		Free Chlorine:	-- ppm	Color:		Ammonia:	-- ppm	Gross Solids:	Slight	pH:	-- units	Vegetation:		Temperature	-- °F	Benthic Growth:		Conductivity:	-- µS/cm	Stains:		Detergents:	-- mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:		Odor:																																						
Total Chlorine:	-- ppm	Turbidity:																																						
Free Chlorine:	-- ppm	Color:																																						
Ammonia:	-- ppm	Gross Solids:	Slight																																					
pH:	-- units	Vegetation:																																						
Temperature	-- °F	Benthic Growth:																																						
Conductivity:	-- µS/cm	Stains:																																						
Detergents:	-- mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					



o20110526110604.JPG

2011

Inspection Date: 8/17/2010 10:17:46 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Significant floatable debris in manhole.																																					
Submerged: Fully Depth (in): 48																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location: Pool</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids:</td> <td>Severe</td> </tr> <tr> <td>pH:</td> <td>7.71 units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>74 °F</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location: Pool		Odor:	None	Total Chlorine:	0 ppm	Turbidity:	None	Free Chlorine:	0 ppm	Color:	None	Ammonia:	0 ppm	Gross Solids:	Severe	pH:	7.71 units	Vegetation:	None	Temperature	74 °F	Benthic Growth:	None	Conductivity:	-- µS/cm	Stains:	None	Detergents:	0 mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location: Pool		Odor:	None																																					
Total Chlorine:	0 ppm	Turbidity:	None																																					
Free Chlorine:	0 ppm	Color:	None																																					
Ammonia:	0 ppm	Gross Solids:	Severe																																					
pH:	7.71 units	Vegetation:	None																																					
Temperature	74 °F	Benthic Growth:	None																																					
Conductivity:	-- µS/cm	Stains:	None																																					
Detergents:	0 mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					



o20100817100950.JPG

2010

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816080838.JPG

Outfall Notes:

Storm sewer from Siewert Tr and Hazel St discharges to lake from west. Outfall fully submerged. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 477,208

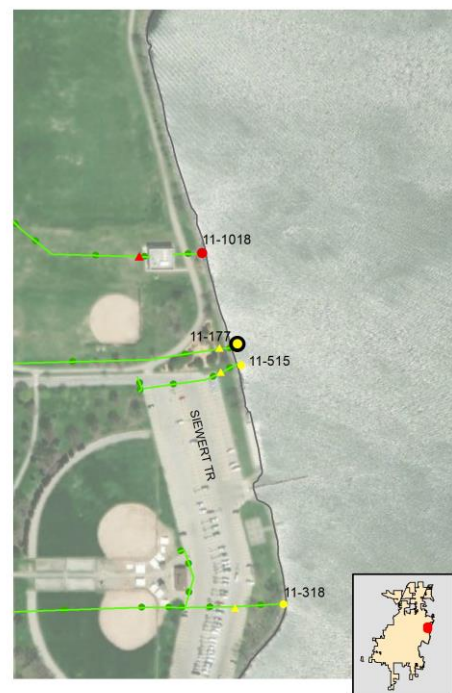
Easting: 797,683

Latitude/Longitude:

Latitude: 44.02862

Longitude: -88.52021

Location Map



Inspection Date: 8/16/2021 8:11:25 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall partially submerged - screened upstream at 11-177 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816080850.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/20/2020 1:55:03 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 11-177 US1. Floating gross solids (litter) in upstream manhole.	 o20200820135154.JPG 2020
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 9/17/2019 8:55:55 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not physically located. Outfall screened upstream at 11-177 US1. Floating gross solids (litter) in manhole.	 o20190917075538.JPG 2019
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/3/2011 4:12:24 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not physically located. Outfall screened upstream at 11-177 US1.	 o20111003161156.JPG 2011
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		

Inspection Date: 5/10/2011 12:05:00 PM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: _____ Odor: _____ Turbidity: _____ Color: _____ Gross Solids: _____ Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None	Notes Outfall fully submerged and not physically located. Outfall screened upstream at 11-177 US1.	 o20110510120530.JPG 2011
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		

Location Map

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

11-177

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):



o20210816081056.JPG

Outfall Notes:

Upstream catchbasin located approx 45 ft WSW of outfall 11-177. Intermediate area consists of open space.



Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 477,199

Easting: 797,639

Latitude/Longitude:

Latitude: 44.02859

Longitude: -88.52038

Inspection Date: 8/16/2021 8:13:29 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 48

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage



o20210816081106.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-49

Time Collected: 08:12

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 8.11 units

Temperature (field): 73 °F

Conductivity (field): 372 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/20/2020 1:55:38 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 45		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.85 units	Gross Solids: Moderate			
Temperature 85 °F	Vegetation: None			
Conductivity: 342 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20200820135226.JPG

2020


Inspection Date: 9/17/2019 8:58:14 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 47		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.13 units	Gross Solids: Moderate			
Temperature 72 °F	Vegetation: None			
Conductivity: 316 µS/cm	Benthic Growth: Slight			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20190917075612.JPG

2019


Inspection Date: 10/3/2011 4:15:48 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 42		
Sampling Results		Notes		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.03 units	Gross Solids: None			
Temperature 68 °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20111003161244.JPG

2011

Inspection Date: 5/10/2011 12:03:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Limited screening conducted for upstream manhole prescreening.		
Sample Location: --	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Total Chlorine: -- ppm	Odor: --			
Free Chlorine: -- ppm	Turbidity: --			
Ammonia: -- ppm	Color: --			
pH: -- units	Gross Solids: Moderate			
Temperature -- °F	Vegetation: --			
Conductivity: -- µS/cm	Benthic Growth: --			
Detergents: -- mg/L	Stains: --			
	Non-illicit: None			



o20110510120546.JPG

2011

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

Cast Iron

City ID:

N/A

Dimensions

Diameter (in): 42

Height/Depth (in):

Width (in):

Mapping Precison:

☒ Not Physically Located

o20210816075618.JPG

Outfall Notes:

Baldwin Ave storm sewer discharges to lake from west. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 478,060

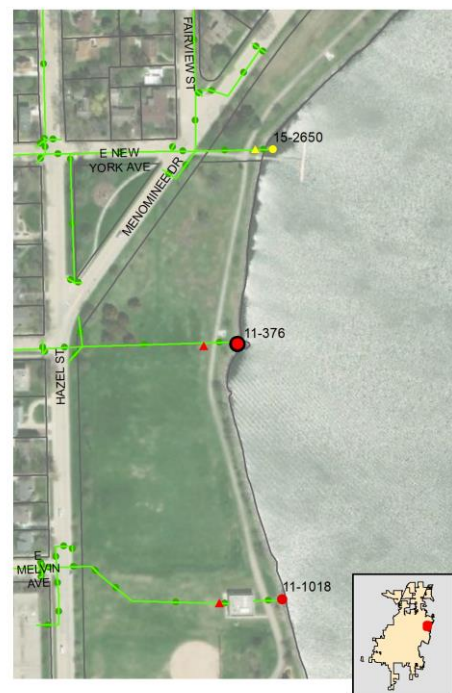
Easting: 797,503

Latitude/Longitude:

Latitude: 44.03095

Longitude: -88.52090

Location Map



Inspection Date: 8/16/2021 7:57:45 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 11-376 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816075628.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/20/2020 2:10:06 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 11-376 US1. Floating gross solids (litter) in upstream manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20200820140432.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>	

Inspection Date: 9/17/2019 8:43:35 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 11-376 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20190917074332.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>	

Inspection Date: 10/22/2018 9:42:07 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 11-376 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20181022094126.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>	

Inspection Date: 10/17/2017 1:03:56 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Outfall fully submerged and not located - screened upstream at 11-376 US1. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20171017130204.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>	


Inspection Date: 10/19/2016 7:43:58 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 11-376 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20161019074246.JPG

2016


Inspection Date: 9/24/2015 9:06:24 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened at 11-376 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20150924081044.JPG

2015


Inspection Date: 10/9/2014 1:35:21 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 11-376 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20141009123438.JPG

2014

Inspection Date: 10/4/2011 9:20:16 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not physically located. Outfall screened upstream at 11-376 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20111004092048.JPG

2011

Inspection Date: 9/8/2009		Type: Initial		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential:		Potential		Inspector: JCW		Notes	
Submerged: Fully		Depth (in):					
Sampling Results		Floatables:				<div>Photo Not Available</div> <div>2009</div>	
Sample Location:		Odor:					
Total Chlorine: -- ppm		Turbidity:					
Free Chlorine: -- ppm		Color:					
Ammonia: -- ppm		Gross Solids:					
pH: -- units		Vegetation:					
Temperature -- °F		Benthic Growth:					
Conductivity: -- µS/cm		Stains:					
Detergents: -- mg/L		Non-illicit:		None			

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - brick

City ID:

11-376

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816075726.JPG

Outfall Notes:

Upstream manhole located approx 82 ft W of outfall 11-376. Intermediate area consists of open space in park.

County Coordinates:

Northing: 478,056

Easting: 797,422

Latitude/Longitude:

Latitude: 44.03094

Longitude: -88.52121

Location Map**Inspection Date:** 8/16/2021 8:01:10 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully

Depth (in): 83

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Illicit Discharge Potential: Potential

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Severe

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210816075758.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-88

Time Collected: 07:57

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.67 units

Temperature (field): 72 °F

Conductivity (field): 572 µS/cm

Detergents: 0 mg/L





Physical Condition Assessment

Graffiti: None


Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 8/20/2020 2:10:47 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 81		Inspector: JCW	Notes	 o20200820140542.JPG 2020
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.64 units Temperature: 84 °F Conductivity: 382 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: Moderate Stains: None Non-illicit: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 9/17/2019 8:47:01 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 82		Inspector: JCW	Notes	 o20190917074432.JPG 2019
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.94 units Temperature: 71 °F Conductivity: 439 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 10/22/2018 9:45:12 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 82		Inspector: JCW	Notes	 o20181022094232.JPG 2018
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.52 units Temperature: 55 °F Conductivity: 575 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Inspection Date: 10/17/2017 1:07:06 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 79		Inspector: JCW	Notes	 o20171017130258.JPG 2017
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.62 units Temperature: 67 °F Conductivity: 829 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 10/19/2016 7:46:56 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 79	Potential illicit discharge due to gross solids.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	in.
Total Chlorine: 0 ppm	Odor: Faint	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: Faint in bottle			
pH: 7.89 units	Gross Solids: Severe			
Temperature 58 °F	Vegetation: None			
Conductivity: 357 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20161019074410.JPG

2016


Inspection Date: 9/24/2015 9:10:22 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 81	Floating gross solids (litter) in manhole.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	in.
Total Chlorine: 0 ppm	Odor: Faint	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.88 units	Gross Solids: Severe			
Temperature 68 °F	Vegetation: None			
Conductivity: 397 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20150924081150.JPG

2015


Inspection Date: 10/9/2014 1:36:18 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 74	Floating gross solids (litter) in manhole.	
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: Faint in bottle			
pH: 7.76 units	Gross Solids: Severe			
Temperature 59 °F	Vegetation: None			
Conductivity: 381 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			



o20141009123616.JPG

2014


Inspection Date: 10/4/2011 9:23:47 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 79		
Sampling Results		Condition Assessment		
Sample Location: Pool	Floatables: None	Graffiti: None	Erosion: None	0 in.
Total Chlorine: 0 ppm	Odor: None	Deposition: None	Damage: None	
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.76 units	Gross Solids: Slight			
Temperature 62 °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			




o20111004092208.JPG

2011

Inspection Date: 5/10/2011 12:23:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Limited screening conducted for upstream manhole prescreening.
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: _____ Turbidity: _____ Color: _____ Gross Solids: Severe Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		


 o20110510122336.JPG
2011

Inspection Date: 9/8/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Abnormal detergent analysis result (bubbles). Significant floating debris in manhole.
Submerged: Fully		Depth (in): 81		
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: -- ppm pH: 7.82 units Temperature 76 °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: None Odor: _____ Turbidity: _____ Color: _____ Gross Solids: Severe Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		


 Osh09_DSCN6622.JPG
2009

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Arch

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 24

Width (in): 35

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210816083736.JPG

Outfall Notes:

Storm sewer from Washington Ave discharges to lake from west. Outfall fully submerged and not physically located - pipe info from MS4 map.

County Coordinates:

Northing: 473,370

Easting: 798,806

Latitude/Longitude:

Latitude: 44.01809

Longitude: -88.51594

Location Map



Inspection Date: 8/16/2021 8:42:01 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 11-512 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816083746.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm


Detergents: -- mg/L

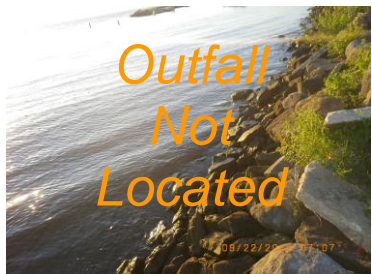
Inspection Date: 8/20/2020 1:20:27 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 11-512 US1. Floating gross solids (litter) in upstream manhole.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20200820131742.JPG 2020		


Inspection Date: 9/17/2019 2:05:48 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 11-512 US1. Floating gross solids (litter) in manhole.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20190917130514.JPG 2019		


Inspection Date: 10/22/2018 9:59:38 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 11-512 US1. Floating gross solids (litter) in manhole.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20181022095658.JPG 2018		

Inspection Date: 10/17/2017 1:20:48 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 11-512 US1. Floating gross solids (litter) in manhole.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20171017131910.JPG 2017		


Inspection Date: 10/10/2016 11:04:16 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Outfall fully submerged and not located - screened upstream at 11-512 US1.		 <p style="text-align: center;">o20161010110406.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2016</p>																											
Submerged: Fully		Depth (in):																															
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Condition Assessment		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>		Graffiti:	None	Erosion:	None	Deposition:	None	Damage:	None
Floatables:	None																																
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pH:	-- units																																
Temperature:	-- °F																																
Conductivity:	-- µS/cm																																
Detergents:	-- mg/L																																

Inspection Date: 9/22/2015 7:03:32 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Outfall fully submerged and not located - screened upstream at 11-512 US1.		 <p style="text-align: center;">o20150922060708.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2015</p>																											
Submerged: Fully		Depth (in):																															
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Condition Assessment		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>		Graffiti:	None	Erosion:	None	Deposition:	None	Damage:	None
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pH:	-- units																																
Temperature:	-- °F																																
Conductivity:	-- µS/cm																																
Detergents:	-- mg/L																																

Inspection Date: 10/9/2014 12:48:49 PM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Outfall fully submerged and not located - screened upstream at 11-512 US1.		 <p style="text-align: center;">o20141009114820.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2014</p>																											
Submerged: Fully		Depth (in):																															
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Condition Assessment		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>		Graffiti:	None	Erosion:	None	Deposition:	None	Damage:	None
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Temperature:	-- °F																																
Conductivity:	-- µS/cm																																
Detergents:	-- mg/L																																


Inspection Date: 9/27/2012 8:21:03 AM		Type: Ongoing		Flow: Submerged (not located)		Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes Outfall fully submerged; screened upstream at 11-512 US1.		 <p style="text-align: center;">o20120927072324.JPG</p> <p style="text-align: center; font-size: 1.2em; font-weight: bold;">2012</p>																											
Submerged: Fully		Depth (in):																															
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Condition Assessment		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>		Graffiti:	None	Erosion:	None	Deposition:	None	Damage:	None
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Ammonia:	-- ppm																																
pH:	-- units																																
Temperature:	-- °F																																
Conductivity:	-- µS/cm																																
Detergents:	-- mg/L																																

Inspection Date: 6/20/2012 8:23:31 AM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Gross solids pre-screening	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		




2012

Inspection Date: 10/3/2011 12:09:11 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not physically located. Outfall screened upstream at 11-512 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



2011

Inspection Date: 5/10/2011 9:08:00 AM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not physically located. Outfall screened upstream at 11-512 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:		Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	None		



2011

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

11-512

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816083850.JPG

Outfall Notes:

Upstream manhole located approx 34 ft SW of outfall 11-512. Intermediate area consists of open space.

County Coordinates:

Northing: 473,351

Easting: 798,773

Latitude/Longitude:

Latitude: 44.01804

Longitude: -88.51607



Inspection Date: 8/16/2021 8:42:51 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 41

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210816083856.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-92

Time Collected: 08:40

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.65 units

Temperature (field): 73 °F

Conductivity (field): 345 µS/cm

Detergents: 0 mg/L





Physical Condition Assessment

Graffiti: None


Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 8/20/2020 1:21:12 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 39		Inspector: JCW	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Elevated pH seemed widespread in river/lake.	
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 9.07 units Temperature: 84 °F Conductivity: 347 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: Moderate Stains: None Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20200820131802.JPG 2020	
Inspection Date: 9/17/2019 2:08:21 PM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 37		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.23 units Temperature: 76 °F Conductivity: 333 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Severe Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20190917130614.JPG 2019	
Inspection Date: 10/22/2018 10:00:30 AM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 42		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.35 units Temperature: 57 °F Conductivity: 470 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: None	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20181022100114.JPG 2018	
Inspection Date: 10/17/2017 1:23:39 PM Illicit Discharge Potential: Potential Submerged: Fully Depth (in): 35		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Inspector: JCW Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.47 units Temperature: 67 °F Conductivity: 581 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: Moderate Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.	
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
			 o20171017131930.JPG 2017	


Inspection Date: 10/10/2016 11:07:16 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 35	Potential illicit discharge due to gross solids.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.63 units	Gross Solids:	Severe	
Temperature	65 °F	Vegetation:	None	
Conductivity:	514 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20161010110444.JPG

2016


Inspection Date: 9/22/2015 7:04:46 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 37	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.93 units	Gross Solids:	Moderate	
Temperature	65 °F	Vegetation:	None	
Conductivity:	1055 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20150922060832.JPG

2015


Inspection Date: 10/9/2014 12:52:08 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 39	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	Slight cloudiness	
Ammonia:	0 ppm	Color:	None	
pH:	7.57 units	Gross Solids:	Moderate	
Temperature	62 °F	Vegetation:	None	
Conductivity:	548 µS/cm	Benthic Growth:	Slight	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20141009115024.JPG

2014


Inspection Date: 9/27/2012 8:22:20 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 34	2011 gross solids follow-up.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	8.73 units	Gross Solids:	Slight	
Temperature	59 °F	Vegetation:	None	
Conductivity:	416 µS/cm	Benthic Growth:	Slight	
Detergents:	0 mg/L	Stains:	Slight	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20120927072438.JPG

2012


Inspection Date: 6/20/2012 8:24:06 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 40			Gross solids pre-screening.	
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	Severe		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	



o20120620072408.JPG

2012


Inspection Date: 10/3/2011 12:13:00 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in): 36			Significant floatable debris in manhole.	
Sampling Results				
Sample Location: Pool	Floatables:	None		
Total Chlorine: 0 ppm	Odor:	None		
Free Chlorine: 0 ppm	Turbidity:	None		
Ammonia: 0 ppm	Color:	None		
pH: 7.39 units	Gross Solids:	Severe		
Temperature 67 °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: 0 mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	0 in.
		Damage:	None	



o20111003121302.JPG

2011

Inspection Date: 5/10/2011 9:08:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 0-24
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Limited screening conducted for upstream manhole prescreening.	
Sampling Results				
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:	Severe		
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	None		
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	0 in.
		Damage:	None	



o20110510090830.JPG

2011

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 48

Width (in): 76

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816082206.JPG

Outfall Notes:

Storm sewer from Hazel St discharges to lake from west. Outfall fully submerged, but concrete headwall visible. GPS location based on MS4 map.

County Coordinates:

Northing: 475,139

Easting: 797,703

Latitude/Longitude:

Latitude: 44.02294

Longitude: -88.52014

Location Map



Inspection Date: 8/16/2021 8:23:31 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged - concrete headwall located. Outfall screened upstream at 11-1180 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816082210.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

11-1180

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816082540.JPG

Outfall Notes:

Upstream manhole located approx 232 ft SW of outfall 11-1180. Intermediate area consists of park open space and street right-of-way.

County Coordinates:

Northing: 474,999

Easting: 797,514

Latitude/Longitude:

Latitude: 44.02256

Longitude: -88.52085



Inspection Date: 8/16/2021 8:26:16 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 58

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☒ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816082548.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210816-48

Time Collected: 08:25

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.46 units

Temperature (field): 73 °F

Conductivity (field): 499 µS/cm

Detergents: 0 mg/L

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):



o20210817091208.JPG

Outfall Notes:

Congress Ave storm sewer discharges to river from east. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 479,314

Easting: 786,529

Latitude/Longitude:

Latitude: 44.03438

Longitude: -88.56263

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/17/2021 9:13:52 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 12-569 US1. Graffiti on nearby bridge abutment.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: Moderate

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817091208.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 8:41:26 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not physically located - screened upstream at 12-569 US1. Graffiti on bridge abutment.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: Moderate Erosion: None Deposition: None in. Damage: None		
		 o20200819084114.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2020</div>		

Inspection Date: 9/18/2019 11:19:35 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 12-569 US1. Graffiti on nearby bridge abutment. Floating gross solids (litter) in MH.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: Moderate Erosion: None Deposition: None in. Damage: None		
		 o20190918101816.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2019</div>		

Inspection Date: 10/24/2018 9:23:56 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 12-569 US1. Graffiti on nearby bridge abutment. Floating gross solids (litter) in MH.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: Moderate Erosion: None Deposition: None in. Damage: None		
		 o20181024092154.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2018</div>		

Inspection Date: 10/18/2017 10:17:17 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes Outfall fully submerged and not located - screened upstream at 12-569 US1. Graffiti on nearby bridge abutment. Floating gross solids (litter) in MH.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: Minor Erosion: None Deposition: None in. Damage: None		
		 o20171018101412.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2017</div>		


Inspection Date: 10/10/2016 1:26:15 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Graffiti on east bridge abutment. Outfall fully submerged and not located - screened upstream at 12-569 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: Minor	
Total Chlorine: -- ppm	Odor:	None	Erosion: None	
Free Chlorine: -- ppm	Turbidity:	None	Deposition: None in.	
Ammonia: -- ppm	Color:	None	Damage: None	
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20161010132600.JPG

2016


Inspection Date: 9/23/2015 11:06:02 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not located - screened at 12-569 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: Moderate	
Total Chlorine: -- ppm	Odor:	None	Erosion: None	
Free Chlorine: -- ppm	Turbidity:	None	Deposition: None in.	
Ammonia: -- ppm	Color:	None	Damage: None	
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20150923100828.JPG

2015


Inspection Date: 10/7/2014 7:38:26 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not located - screened upstream at 12-569 US1. Graffiti on east abutment.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: Moderate	
Total Chlorine: -- ppm	Odor:	None	Erosion: None	
Free Chlorine: -- ppm	Turbidity:	None	Deposition: None in.	
Ammonia: -- ppm	Color:	None	Damage: None	
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20141007063712.JPG

2014


Inspection Date: 10/11/2011 1:49:07 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 12-569 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None	
Total Chlorine: -- ppm	Odor:	None	Erosion: None	
Free Chlorine: -- ppm	Turbidity:	None	Deposition: None 0 in.	
Ammonia: -- ppm	Color:	None	Damage: None	
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20111011134840.JPG

2011

Inspection Date: 8/19/2010 2:37:50 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results				
Sample Location:		Floatables:	None	
Total Chlorine: -- ppm		Odor:	None	
Free Chlorine: -- ppm		Turbidity:	None	
Ammonia: -- ppm		Color:	None	
pH: -- units		Gross Solids:	None	
Temperature -- °F		Vegetation:	None	
Conductivity: -- µS/cm		Benthic Growth:	None	
Detergents: -- mg/L		Stains:	None	
		Non-illicit:	None	
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 12-569 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20100819143022.JPG

2010

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

12-569

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817091336.JPG

Outfall Notes:

Upstream manhole located approx 48 ft ESE of outfall 12-569. Intermediate area consists of open space.

County Coordinates:

Northing: 479,306

Easting: 786,577

Latitude/Longitude:

Latitude: 44.03436

Longitude: -88.56245

Location Map**Inspection Date:** 8/17/2021 9:16:38 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully

Depth (in): 38

Notes: Sample collected from submerged pool in manhole.

Illicit Discharge Potential: Unlikely

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210817091344.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210817-05

Time Collected: 09:14

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.15 units

Temperature (field): 77 °F

Conductivity (field): 454 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/19/2020 8:45:29 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 38		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 8.49 units</p> <p>Temperature: 73 °F</p> <p>Conductivity: 349 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: Faint</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: right; font-size: small;">08/19/2020</p> <p style="text-align: center;">o20200819084220.JPG</p> <p style="text-align: center; font-size: large; font-weight: bold;">2020</p>		

Inspection Date: 9/18/2019 11:22:28 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 42		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 8.3 units</p> <p>Temperature: 74 °F</p> <p>Conductivity: 419 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: right; font-size: small;">09/18/2019</p> <p style="text-align: center;">o20190918101948.JPG</p> <p style="text-align: center; font-size: large; font-weight: bold;">2019</p>		

Inspection Date: 10/24/2018 9:25:23 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 44		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.4 units</p> <p>Temperature: 52 °F</p> <p>Conductivity: 714 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: right; font-size: small;">10/24/2018</p> <p style="text-align: center;">o20181024092322.JPG</p> <p style="text-align: center; font-size: large; font-weight: bold;">2018</p>		

Inspection Date: 10/18/2017 10:20:25 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 39		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.44 units</p> <p>Temperature: 65 °F</p> <p>Conductivity: 1118 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Moderate</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: right; font-size: small;">10/18/2017</p> <p style="text-align: center;">o20171018101542.JPG</p> <p style="text-align: center; font-size: large; font-weight: bold;">2017</p>		


Inspection Date: 10/10/2016 1:30:04 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 38	Potential illicit discharge due to gross solids.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	Slight cloudiness	
Ammonia:	0 ppm	Color:	Clearly visible in bottl	
pH:	7.41 units	Gross Solids:	Moderate	
Temperature	69 °F	Vegetation:	None	
Conductivity:	616 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20161010132718.JPG

2016


Inspection Date: 9/23/2015 11:06:51 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 40	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.5 units	Gross Solids:	Moderate	
Temperature	76 °F	Vegetation:	None	
Conductivity:	441 µS/cm	Benthic Growth:	Slight	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20150923101026.JPG

2015


Inspection Date: 10/7/2014 7:39:34 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 34	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	7.66 units	Gross Solids:	Moderate	
Temperature	59 °F	Vegetation:	None	
Conductivity:	771 µS/cm	Benthic Growth:	None	
Detergents:	0 mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None in.
			Damage:	None



o20141007063948.JPG


2014


Inspection Date: 10/11/2011 1:51:24 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 32	2010 screening follow-up. Floatable debris significantly reduced.	
Sampling Results				
Sample Location:	Pool	Floatables:	None	
Total Chlorine:	0 ppm	Odor:	None	
Free Chlorine:	0 ppm	Turbidity:	None	
Ammonia:	0 ppm	Color:	None	
pH:	8.63 units	Gross Solids:	None	
Temperature	73 °F	Vegetation:	None	
Conductivity:	-- µS/cm	Benthic Growth:	None	
Detergents:	-- mg/L	Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti:	None
			Erosion:	None
			Deposition:	None 0 in.
			Damage:	None



o20111011134946.JPG

2011

Inspection Date: 5/26/2011 2:40:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Limited screening conducted to check for floatable debris.	
Submerged: Fully Depth (in):				
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: _____ Turbidity: _____ Color: _____ Gross Solids: None Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
 o20110526144100.JPG <div style="font-size: 24pt; font-weight: bold;">2011</div>				

Inspection Date: 8/19/2010 2:41:43 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Severe floatable debris	
Submerged: Fully Depth (in): 38				
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.59 units Temperature: 79 °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: Faint in bottle Gross Solids: Severe Vegetation: None Benthic Growth: None Stains: Slight Non-illicit: None	Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
 o20100819143434.JPG <div style="font-size: 24pt; font-weight: bold;">2010</div>				

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210817141216.JPG

Outfall Notes:

Storm sewer from Omni Dr discharges to NE corner of detention basin.

County Coordinates:

Northing: 491,534

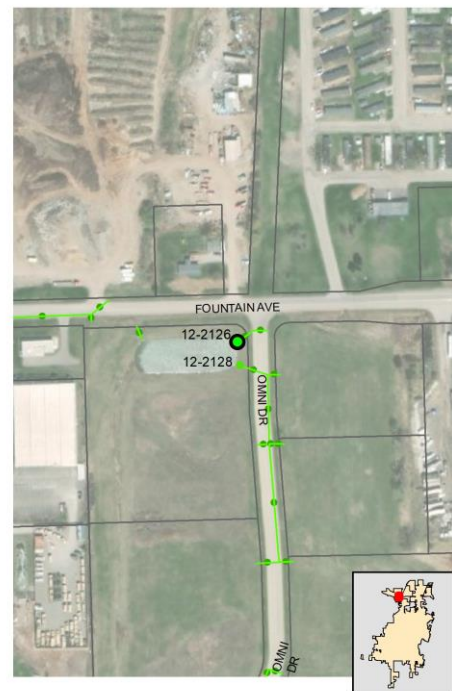
Easting: 783,628

Latitude/Longitude:

Latitude: 44.06789

Longitude: -88.57370

Location Map



Inspection Date: 8/17/2021 2:14:02 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sediment wet, but no flow at time of inspection. Upstream manhole dry - no sample collected.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Moderate Depth (in): 3

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817141222.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210817141710.JPG

Outfall Notes:

Storm sewer from Omni Dr discharges to SE corner of detention basin.

County Coordinates:

Northing: 491,478

Easting: 783,633

Latitude/Longitude:

Latitude: 44.06774

Longitude: -88.57368

Location Map



Inspection Date: 8/17/2021 2:19:05 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, no flow

Submerged: None Depth (in): 4

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged. Upstream manhole dry - no sample collected.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

 Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage


o20210817141724.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Non-Priority Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

Non-MS4 Stormwater Facility

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

HDPE

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210817142526.JPG

Outfall Notes:

Storm sewer from Omni Dr discharges to NW corner of detention basin.

County Coordinates:

Northing: 490,158

Easting: 783,505

Latitude/Longitude:

Latitude: 44.06412

Longitude: -88.57416

Location Map



Inspection Date: 8/17/2021 2:27:38 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 12-2133 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant
☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817142532.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

12-2133

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210817142754.JPG

Outfall Notes:

Upstream manhole located approx 35 ft WNW of outfall 12-2133. Intermediate area consists of farm field and pond embankment.

County Coordinates:

Northing: 490,163

Easting: 783,470

Latitude/Longitude:

Latitude: 44.06413

Longitude: -88.57429

Location Map**Inspection Date:** 8/17/2021 2:30:54 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 9

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817142804.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210817-33

Time Collected: 14:30

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 6.71 units

Temperature (field): 80 °F

Conductivity (field): 1382 µS/cm

Detergents: 0 mg/L

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20210817133642.JPG

Outfall Notes:

Detention basin outlet crosses Algoma Blvd and discharges to swale west of Algoma Blvd. Flows into Town of Oshkosh.

County Coordinates:

Northing: 487,653

Easting: 783,796

Latitude/Longitude:

Latitude: 44.05725

Longitude: -88.57305

Location Map



Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

Inspection Date: 8/17/2021 1:39:35 PM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Potential

Notes: Sample collected from concentrated flow immediately downstream of outfall. Detergent detected in sample.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☒ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

o20210817133706.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210817-17

Time Collected: 13:37

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.57 units

Temperature (field): 80 °F

Conductivity (field): 964 µS/cm

Detergents: 0.8 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Priority Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 42

Height/Depth (in):

Width (in):



o20210817134740.JPG

Outfall Notes:

Storm sewer from Fernau Ave and Walter St discharge to NE corner of detention basin. (Formerly 12-1328a.)

County Coordinates:

Northing: 487,966

Easting: 784,069

Latitude/Longitude:

Latitude: 44.05810

Longitude: -88.57201

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

Inspection Date: 8/17/2021 1:50:37 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Trickle

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from pipe flow.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: Slight

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210817134750.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210817-52

Time Collected: 13:48

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.09 units

Temperature (field): 78 °F

Conductivity (field): 778 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None

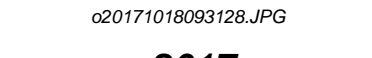
Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/19/2020 7:19:45 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: None	Notes Pipe wet, but no collectable flow at time of inspection.	 o20200819072022.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/8/2019 5:07:04 PM		Type: Ongoing	Flow: Moderate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results Sample Location: Flow Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.16 units Temperature: 65 °F Conductivity: 1014 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Moderate Stains: None Non-illicit: Slight	Notes Outfall sampled from moderate flow.	 o20191008160300.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/24/2018 10:34:16 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results Sample Location: Flow Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 9.04 units Temperature: 50 °F Conductivity: 792 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Moderate Stains: Slight Non-illicit: None	Notes Elevated pH in sample from trickle flow. No flow in upstream curb inlet at time of inspection.	 o20181024103144.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/18/2017 9:40:26 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results Sample Location: Flow Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 9.23 units Temperature: 65 °F Conductivity: 1563 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: _____ Non-illicit: None	Notes Elevated pH in sample from trickle flow. No flow in upstream curb inlet at time of inspection.	 o20171018093128.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		

Inspection Date: 10/10/2016 12:26:38 PM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW		 <p style="text-align: center;">o20161010122036.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>																																		
Submerged: None		Depth (in):																																				
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Flow</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> </tr> <tr> <td>pH:</td> <td>9.45 units</td> </tr> <tr> <td>Temperature:</td> <td>64 °F</td> </tr> <tr> <td>Conductivity:</td> <td>880 µS/cm</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> </tr> </table>		Sample Location:	Flow		Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	9.45 units	Temperature:	64 °F	Conductivity:	880 µS/cm	Detergents:	0 mg/L	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Color:</td> <td>None</td> </tr> <tr> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Benthic Growth:</td> <td>Moderate</td> </tr> <tr> <td>Stains:</td> <td>Slight</td> </tr> <tr> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Slight	Non-illicit:	None
Sample Location:	Flow																																					
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Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Moderate																																					
Stains:	Slight																																					
Non-illicit:	None																																					
		Notes Elevated pH, but not as high as 2015 screening. Possible residual in upstream pipe.																																				
		Condition Assessment <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Graffiti:</td> <td>None</td> </tr> <tr> <td>Erosion:</td> <td>None</td> </tr> <tr> <td>Deposition:</td> <td>None in.</td> </tr> <tr> <td>Damage:</td> <td>None</td> </tr> </table>		Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																											
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					

Inspection Date: 9/23/2015 12:56:15 PM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Obvious		Inspector: JCW		 <p style="text-align: center;">o20150923115508.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>																																		
Submerged: None		Depth (in):																																				
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Flow</td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> </tr> <tr> <td>Ammonia:</td> <td>1 ppm</td> </tr> <tr> <td>pH:</td> <td>11.66 units</td> </tr> <tr> <td>Temperature:</td> <td>73 °F</td> </tr> <tr> <td>Conductivity:</td> <td>2470 µS/cm</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> </tr> </table>		Sample Location:	Flow		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	1 ppm	pH:	11.66 units	Temperature:	73 °F	Conductivity:	2470 µS/cm	Detergents:	0 mg/L	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Color:</td> <td>None</td> </tr> <tr> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Benthic Growth:</td> <td>Moderate</td> </tr> <tr> <td>Stains:</td> <td>Moderate</td> </tr> <tr> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Moderate	Non-illicit:	None
Sample Location:	Flow																																					
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Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	Slight																																					
Vegetation:	None																																					
Benthic Growth:	Moderate																																					
Stains:	Moderate																																					
Non-illicit:	None																																					
		Notes White silty discharge. Chlorine patches turned yellow (not on scale). Elevated pH and conductivity.																																				
		Condition Assessment <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Graffiti:</td> <td>None</td> </tr> <tr> <td>Erosion:</td> <td>None</td> </tr> <tr> <td>Deposition:</td> <td>None in.</td> </tr> <tr> <td>Damage:</td> <td>None</td> </tr> </table>		Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																											
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 42

Height/Depth (in):

Width (in):



o20210817132844.JPG

Outfall Notes:

Storm sewer from W Fernau Ave discharges to swale in Town of Oshkosh.

County Coordinates:

Northing: 486,618

Easting: 783,733

Latitude/Longitude:

Latitude: 44.05440

Longitude: -88.57328

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

Location Map



Inspection Date: 8/17/2021 1:31:52 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged. Upstream manhole not screened due to heavy truck traffic. Sample collected from pool at end of pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210817132916.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-85

Time Collected: 13:29

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.64 units

Temperature (field): 82 °F

Conductivity (field): 1393 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817132058.JPG

Outfall Notes:

Storm sewer from Algoma Blvd discharges to swale in Town of Oshkosh.

County Coordinates:

Northing: 486,925

Easting: 784,050

Latitude/Longitude:

Latitude: 44.05525

Longitude: -88.57208

Location Map



Inspection Date: 8/17/2021 1:23:02 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sediment wet, but no collectable flow at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant
☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817132112.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 38

Width (in): 60

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210817144320.JPG

Outfall Notes:

Storm sewer from Stearns Dr discharges to stream from south.

County Coordinates:

Northing: 492,456

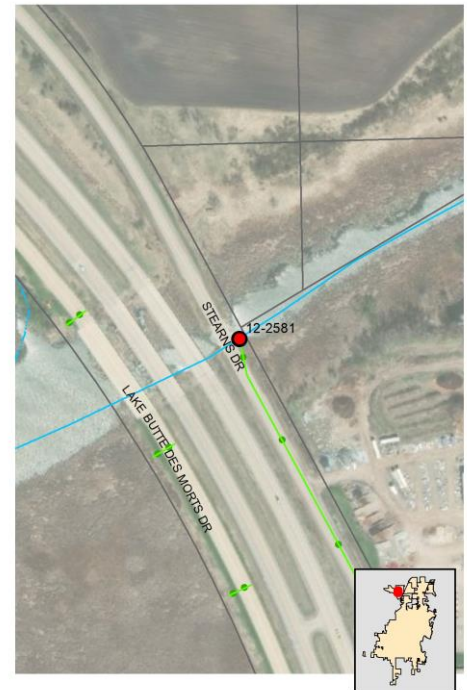
Easting: 782,234

Latitude/Longitude:

Latitude: 44.07042

Longitude: -88.57901

Location Map



Inspection Date: 8/17/2021 2:45:23 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 39

Illicit Discharge Potential: Unlikely

Notes: Pipe fully submerged. Upstream manhole not screened due to heavy truck traffic. Sample collected at end of pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Severe

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210817144314.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-71

Time Collected: 14:45

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.80 units

Temperature (field): 83 °F

Conductivity (field): 530 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 48

Width (in): 76

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210823151030.JPG

Outfall Notes:

Storm sewer from 9th Ave discharges to stream north of road. Upstream manhole not accessible.

County Coordinates:

Northing: 470,709

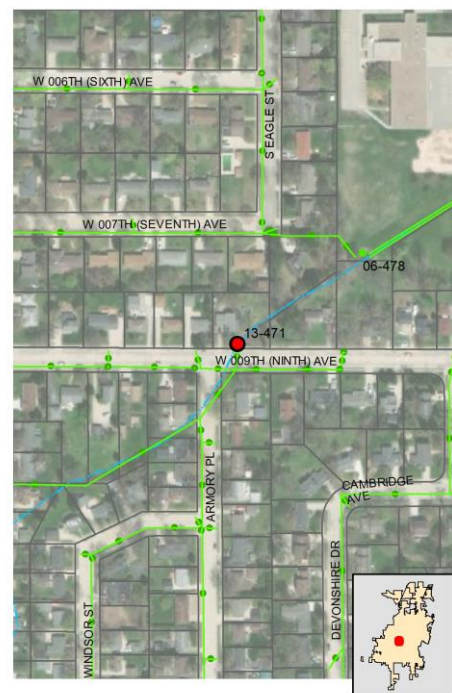
Easting: 783,680

Latitude/Longitude:

Latitude: 44.01077

Longitude: -88.57343

Location Map



Inspection Date: 8/23/2021 3:10:59 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 17

Illicit Discharge Potential: Potential

Notes: Severe channel erosion downstream of pipe. Sample collected from submerged flow. Detergent detected in sample.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: Severe

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823151038.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-15

Time Collected: 15:10

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.81 units


Temperature (field): 79 °F


Conductivity (field): 1140 µS/cm


Detergents: 1 mg/L


Inspection Date: 10/28/2020 4:23:00 PM		Type: Repeat		Flow: Submerged, slight flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: QAL		Notes Detergent follow-up. Sample collected from pipe flow. Water was cloudy.		 o20201028162329.jpg	
Submerged: Partially Depth (in): 28							
Sampling Results Sample Location: Flow Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: Slight cloudiness Color: None Gross Solids: None Vegetation: None Benthic Growth: Moderate Stains: None Non-illicit: None		Condition Assessment Graffiti: None Erosion: Moderate Deposition: Moderate 12 in. Damage: None		<div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>	


Inspection Date: 8/20/2020 12:09:18 PM		Type: Ongoing		Flow: Submerged, no flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes No flow appears to be leaving pool at end of outfall. Sample collected from pool -detergent detected.		 o20200820121004.JPG	
Submerged: Partially Depth (in): 24							
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.76 units Temperature: 81 °F Conductivity: 453 µS/cm Detergents: 0.6 mg/L		Floatables: Moderate Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Moderate Stains: None Non-illicit: None		Condition Assessment Graffiti: None Erosion: Moderate Deposition: Moderate 12 in. Damage: None		<div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>	


Inspection Date: 11/5/2019 2:27:14 PM		Type: Repeat		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 48-72	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Follow-up inspection for sampling - limited screening conducted. pH in normal range; detergent detected.		 o20191105142746.JPG	
Submerged: Partially Depth (in): 20							
Sampling Results Sample Location: Pool Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: 8.18 units Temperature: 45 °F Conductivity: 680 µS/cm Detergents: 0.8 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		<div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>	

Inspection Date: 9/18/2019 3:16:56 PM		Type: Ongoing		Flow: Submerged, slight flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW		Notes Downstream bank erosion. Sample collected from submerged flow in pipe. High pH detected.		 o20190918141444.JPG	
Submerged: Partially Depth (in): 20							
Sampling Results Sample Location: Flow Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 9.27 units Temperature: 77 °F Conductivity: 368 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Moderate Stains: Slight Non-illicit: None		Condition Assessment Graffiti: None Erosion: Severe Deposition: None in. Damage: None		<div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>	

Inspection Date: 10/26/2018 1:26:25 PM		Type: Repeat	Flow: Submerged, significant flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: KMK		
Submerged: Partially		Depth (in): 26		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <p>Sample Location: Flow</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 8.18 units</p> <p>Temperature: 54 °F</p> <p>Conductivity: 1183 µS/cm</p> <p>Detergents: 0.4 mg/L</p> </div> <div style="width: 45%;"> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>				
		<p>Notes</p> <p>Detergent detection follow-up. Limited screening conducted beyond sampling.</p>		
		<p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p>		
				 <p style="text-align: center;">o20181025093132.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>

Inspection Date: 10/25/2018 9:33:47 AM		Type: Ongoing	Flow: Submerged, significant flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 26		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <p>Sample Location: Flow</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 8.16 units</p> <p>Temperature: 51 °F</p> <p>Conductivity: 1209 µS/cm</p> <p>Detergents: 0.5 mg/L</p> </div> <div style="width: 45%;"> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: Moderate</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>				
		<p>Notes</p> <p>Downstream bank erosion. Sample collected from submerged flow in pipe. Detergent detected.</p>		
		<p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: Moderate</p> <p>Deposition: None in.</p> <p>Damage: None</p>		
				 <p style="text-align: center;">o20181025093132.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>

Inspection Date: 6/13/2012 12:53:24 PM		Type: Ongoing	Flow: Submerged, no flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 19		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.91 units</p> <p>Temperature: 74 °F</p> <p>Conductivity: 1579 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div style="width: 45%;"> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: Slight cloudiness</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>				
		<p>Notes</p> <p>No flow leaving pool on apron. Downstream channel dry. Sample collected from apron pool.</p>		
		<p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p>		
				 <p style="text-align: center;">o20120613115412.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2012</p>

Inspection Date: 9/4/2009		Type: Initial	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 38		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: -- ppm</p> <p>pH: 8.38 units</p> <p>Temperature: 66 °F</p> <p>Conductivity: -- µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div style="width: 45%;"> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: Slight cloudiness</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: Slight</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>				
		<p>Notes</p>		
		<p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None 0 in.</p> <p>Damage: None</p>		
				 <p style="text-align: center;">Osh09_DSCN6503.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2009</p>

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20210823130106.JPG

Outfall Notes:

Detention basin outlet structure discharges to wetland area and enters Town of Algoma.

County Coordinates:

Northing: 463,689

Easting: 770,934

Latitude/Longitude:

Latitude: 43.99147

Longitude: -88.62184

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

Location Map



Inspection Date: 8/23/2021 1:06:06 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Moderate

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from pipe flow.

Floatables: None

Odor: Easily detected

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☒ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823130118.JPG

2021

Sampling Results

Sample Location:

Sample ID: 210823-63

Time Collected: 13:02

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.16 units

Temperature (field): 78 °F

Conductivity (field): 370 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210831074724.JPG

Outfall Notes:

Storm sewer discharges to channel from south.

County Coordinates:

Northing: 463,926

Easting: 778,351

Latitude/Longitude:

Latitude: 43.99214

Longitude: -88.59366

Location Map



Inspection Date: 8/31/2021 7:49:46 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, significant flow

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from concentrated flow immediately downstream of pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Moderate Depth (in): 16

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831074728.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210831-58

Time Collected: 07:50

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm

pH (field): 6.98 units


Temperature (field): 71 °F


Conductivity (field): 1980 µS/cm

Detergents: 0 mg/L


Inspection Date: 10/24/2018 3:06:28 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 24																																				
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
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Benthic Growth:	None																																					
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20181024150410.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>																																		

Inspection Date: 10/19/2017 11:22:01 AM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 23																																				
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.29 units</td></tr> <tr><td>Temperature:</td><td>65 °F</td></tr> <tr><td>Conductivity:</td><td>1404 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table>		Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.29 units	Temperature:	65 °F	Conductivity:	1404 µS/cm	Detergents:	0 mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
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Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Slight																																					
Stains:	None																																					
Non-illicit:	None																																					
		Notes Sample collected from submerged flow at end of pipe. Photo not available.																																				
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	Moderate 16 in.																																					
Damage:	None																																					
				<div style="text-align: center; font-size: 24pt; font-weight: bold;">Photo Not Available</div> <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>																																		

Inspection Date: 10/19/2016 3:04:11 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 22																																				
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:																																						
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Free Chlorine:	-- ppm																																					
Ammonia:	-- ppm																																					
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Erosion:	None																																					
Deposition:	Severe 16 in.																																					
Damage:	None																																					
				 o20161019150326.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2016</div>																																		

Inspection Date: 9/24/2015 3:10:53 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: None		Depth (in):																																				
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
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Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		Notes Outfall not located - screened at 13-1098 US1.																																				
		Condition Assessment <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 o20150924141536.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2015</div>																																		


Inspection Date: 7/30/2013 7:57:44 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Pipe not located in grassy stream bank. Screened upstream at 13-1098 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20130730070410.JPG

2013

Inspection Date: 9/3/2009		Type: Initial	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Partially		Depth (in): 23		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: 18 in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



Osh09_DSCN6427.JPG

2009

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):



o20210823095804.JPG

Outfall Notes:

Storm sewer from Ruschfield Dr discharges to wetland area west of stream.

Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 468,178

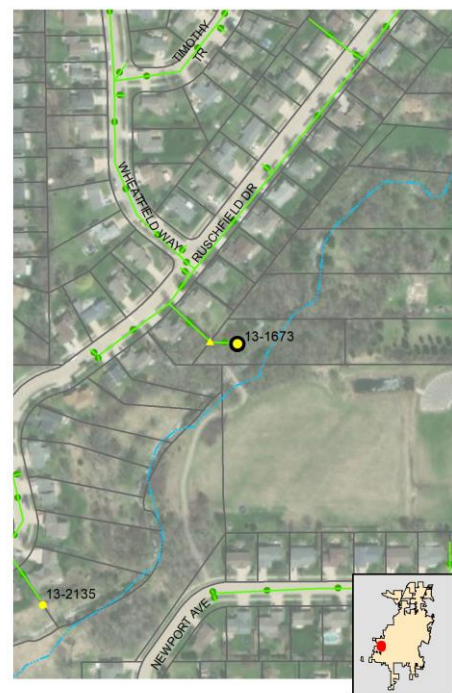
Easting: 775,003

Latitude/Longitude:

Latitude: 44.00380

Longitude: -88.60640

Location Map



Inspection Date: 8/23/2021 10:00:00 AM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow inside pipe. Apron displaced 3" from pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823095816.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-75

Time Collected: 10:00

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 6.83 units

Temperature (field): 73 °F

Conductivity (field): 834 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: Minor ☒ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☒ Cracks/Structural Damage

Inspection Date: 6/11/2012 2:12:41 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 3		
Sampling Results		Notes Outfall partially submerged; screened upstream at 13-1673 US1.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Moderate		
Detergents: -- mg/L	Stains:	Moderate		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



o20120611131320.JPG

2012

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20210831080010.JPG

Outfall Notes:

Storm sewer from Washburn St discharges to stream from south.

County Coordinates:

Northing: 463,991

Easting: 780,603

Latitude/Longitude:

Latitude: 43.99233

Longitude: -88.58510

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

Location Map



Inspection Date: 8/31/2021 8:04:42 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 2

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 13-1769 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210831080024.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L


Physical Condition Assessment


Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 9/15/2020 11:07:57 AM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes Deposition on half of apron; clear on other half. Outfall partially submerged - screened upstream at 13-1769 US1.		 o20200915110530.JPG	
Submerged: Partially		Depth (in): 4					
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: Slight Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: Moderate 8 in. Damage: None		2020	

Inspection Date: 9/28/2015 8:25:30 AM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes 3-4" of sediment in pipe, apron full and channelized. Screened at 13-1769 US1.		 o20150928072730.JPG	
Submerged: Partially		Depth (in): 2					
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: Moderate		Condition Assessment Graffiti: None Erosion: None Deposition: Severe 4 in. Damage: None		2015	

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-1769

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831080508.JPG

Outfall Notes:

Upstream manhole located approx 36 ft SSW of outfall 13-1769. Intermediate area consists of street right-of-way.

County Coordinates:

Northing: 463,957

Easting: 780,591

Latitude/Longitude:

Latitude: 43.99224

Longitude: -88.58514



Inspection Date: 8/31/2021 8:09:27 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 4

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831080518.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210831-92

Time Collected: 08:06

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.81 units

Temperature (field): 73 °F

Conductivity (field): 1181 µS/cm

Detergents: 0 mg/L

Inspection Date: 9/15/2020 11:12:16 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW																													
Submerged: Partially		Depth (in): 3																													
Sampling Results		<div style="border: 1px solid black; padding: 5px;"> Notes Sample collected from submerged pool in manhole. </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None </div>																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Floatables:</td><td>None</td></tr> <tr><td colspan="2">Odor:</td><td>None</td></tr> <tr><td colspan="2">Turbidity:</td><td>None</td></tr> <tr><td colspan="2">Color:</td><td>None</td></tr> <tr><td colspan="2">Gross Solids:</td><td>None</td></tr> <tr><td colspan="2">Vegetation:</td><td>None</td></tr> <tr><td colspan="2">Benthic Growth:</td><td>None</td></tr> <tr><td colspan="2">Stains:</td><td>None</td></tr> <tr><td colspan="2">Non-illicit:</td><td>None</td></tr> </table>		Floatables:		None	Odor:		None	Turbidity:		None	Color:		None	Gross Solids:		None	Vegetation:		None	Benthic Growth:		None	Stains:		None	Non-illicit:		None	 <p style="text-align: center;">o20200915110938.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2020</p>		
Floatables:		None																													
Odor:		None																													
Turbidity:		None																													
Color:		None																													
Gross Solids:		None																													
Vegetation:		None																													
Benthic Growth:		None																													
Stains:		None																													
Non-illicit:		None																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Sample Location: Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.77 units</td></tr> <tr><td>Temperature:</td><td>71 °F</td></tr> <tr><td>Conductivity:</td><td>574 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table>		Sample Location: Pool		Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.77 units	Temperature:	71 °F	Conductivity:	574 µS/cm	Detergents:	0 mg/L														
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Total Chlorine:	0 ppm																														
Free Chlorine:	0 ppm																														
Ammonia:	0 ppm																														
pH:	7.77 units																														
Temperature:	71 °F																														
Conductivity:	574 µS/cm																														
Detergents:	0 mg/L																														

Inspection Date: 9/28/2015 8:30:40 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW																													
Submerged: None		Depth (in): 2																													
Sampling Results		<div style="border: 1px solid black; padding: 5px;"> Notes </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Condition Assessment Graffiti: None Erosion: None Deposition: Minor 1 in. Damage: None </div>																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td colspan="2">Floatables:</td><td>None</td></tr> <tr><td colspan="2">Odor:</td><td>Faint</td></tr> <tr><td colspan="2">Turbidity:</td><td>None</td></tr> <tr><td colspan="2">Color:</td><td>None</td></tr> <tr><td colspan="2">Gross Solids:</td><td>None</td></tr> <tr><td colspan="2">Vegetation:</td><td>None</td></tr> <tr><td colspan="2">Benthic Growth:</td><td>Slight</td></tr> <tr><td colspan="2">Stains:</td><td>None</td></tr> <tr><td colspan="2">Non-illicit:</td><td>Moderate</td></tr> </table>		Floatables:		None	Odor:		Faint	Turbidity:		None	Color:		None	Gross Solids:		None	Vegetation:		None	Benthic Growth:		Slight	Stains:		None	Non-illicit:		Moderate	 <p style="text-align: center;">o20150928073046.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>		
Floatables:		None																													
Odor:		Faint																													
Turbidity:		None																													
Color:		None																													
Gross Solids:		None																													
Vegetation:		None																													
Benthic Growth:		Slight																													
Stains:		None																													
Non-illicit:		Moderate																													
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Sample Location: Pool																															
Total Chlorine:	0 ppm																														
Free Chlorine:	0 ppm																														
Ammonia:	0 ppm																														
pH:	7.52 units																														
Temperature:	69 °F																														
Conductivity:	579 µS/cm																														
Detergents:	0 mg/L																														

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210823100804.JPG

Outfall Notes:

Storm sewer from Sawyer Creek Dr discharges to grassy wetland area north of stream.

County Coordinates:

Northing: 467,547

Easting: 774,517

Latitude/Longitude:

Latitude: 44.00207

Longitude: -88.60824

Location Map



Inspection Date: 8/23/2021 10:10:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Unlikely

Notes: Sample collected from area of concentrated flow immediately downstream from pipe. Minor channel erosion downstream.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☒ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: Minor

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823100808.JPG

2021

Sampling Results

Sample Location:

Sample ID: 210823-79

Time Collected: 10:10

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm

pH (field): 6.92 units

Temperature (field): 73 °F

Conductivity (field): 590 µS/cm

Detergents: 0 mg/L

Inspection Date: 6/11/2012 2:35:41 PM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: None		Depth (in):																																
Sampling Results		<table border="1"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None												
Floatables:	None																																	
Odor:	None																																	
Turbidity:	None																																	
Color:	None																																	
Gross Solids:	None																																	
Vegetation:	None																																	
Benthic Growth:	None																																	
Stains:	None																																	
Non-illicit:	None																																	
<table border="1"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1"> <tr><td colspan="2">Notes</td></tr> <tr><td colspan="2">Outfall dry at time of inspection.</td></tr> <tr><td colspan="2">Condition Assessment</td></tr> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>			Notes		Outfall dry at time of inspection.		Condition Assessment		Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None
Sample Location:																																		
Total Chlorine:	-- ppm																																	
Free Chlorine:	-- ppm																																	
Ammonia:	-- ppm																																	
pH:	-- units																																	
Temperature:	-- °F																																	
Conductivity:	-- µS/cm																																	
Detergents:	-- mg/L																																	
Notes																																		
Outfall dry at time of inspection.																																		
Condition Assessment																																		
Graffiti:	None																																	
Erosion:	None																																	
Deposition:	None in.																																	
Damage:	None																																	
		 <p>o20120611133610.JPG</p> <p>2012</p>																																

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 33

Width (in): 60

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210823092848.JPG

Outfall Notes:

Storm sewer from Fox Tail Ln discharges to stream north of trail.

County Coordinates:

Northing: 467,262

Easting: 774,586

Latitude/Longitude:

Latitude: 44.00128

Longitude: -88.60798

Location Map



Inspection Date: 8/23/2021 9:30:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 7

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow inside pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: Slight

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823092852.JPG

2021

Sampling Results

Sample Location:

Sample ID: 210823-04

Time Collected: 09:30

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm


pH (field): 7.63 units

Temperature (field): 70 °F

Conductivity (field): 1041 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/20/2020 10:49:39 AM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 3		
Sampling Results		Notes Sample collected from concentrated flow immediately downstream from outfall.		
Sample Location: Flow	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.18 units	Gross Solids: None			
Temperature 76 °F	Vegetation: None			
Conductivity: 1219 µS/cm	Benthic Growth: Moderate			
Detergents: 0 mg/L	Stains: Slight			
	Non-illicit: None			



o20200820104754.JPG

2020


Inspection Date: 11/5/2019 2:05:00 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 19		
Sampling Results		Notes Outfall partially submerged - screened upstream at 13-2332 US1. Follow-up inspection for sampling - limited screening conducted.		
Sample Location: --	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: -- ppm	Odor: None			
Free Chlorine: -- ppm	Turbidity: None			
Ammonia: -- ppm	Color: None			
pH: -- units	Gross Solids: None			
Temperature -- °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: Slight			
Detergents: -- mg/L	Stains: None			
	Non-illicit: Slight			



o20191105140404.JPG

2019


Inspection Date: 10/8/2019 3:09:23 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 19		
Sampling Results		Notes Outfall partially submerged - screened upstream at 13-2332 US1. Detergent detected in upstream manhole.		
Sample Location: --	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: -- ppm	Odor: None			
Free Chlorine: -- ppm	Turbidity: None			
Ammonia: -- ppm	Color: None			
pH: -- units	Gross Solids: None			
Temperature -- °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: Slight			
Detergents: -- mg/L	Stains: None			
	Non-illicit: Slight			



o20191008140758.jpg


2019


Inspection Date: 10/24/2018 3:19:11 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 11		
Sampling Results		Notes Outfall partially submerged - screened upstream at 13-2332 US1. Detergent detected in upstream manhole.		
Sample Location: --	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: -- ppm	Odor: Faint			
Free Chlorine: -- ppm	Turbidity: None			
Ammonia: -- ppm	Color: None			
pH: -- units	Gross Solids: Moderate			
Temperature -- °F	Vegetation: None			
Conductivity: -- µS/cm	Benthic Growth: Slight			
Detergents: -- mg/L	Stains: Moderate			
	Non-illicit: None			



o20181024151710.JPG

2018

Inspection Date: 6/12/2012 9:35:59 AM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Outfall partially submerged; screened upstream at 13-2332 US1.																																					
Submerged: Partially Depth (in): 14																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location:</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>pH:</td> <td>-- units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>-- °F</td> <td>Benthic Growth:</td> <td>Moderate</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>-- mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:		Odor:	None	Total Chlorine:	-- ppm	Turbidity:	None	Free Chlorine:	-- ppm	Color:	None	Ammonia:	-- ppm	Gross Solids:	Slight	pH:	-- units	Vegetation:	None	Temperature	-- °F	Benthic Growth:	Moderate	Conductivity:	-- µS/cm	Stains:	None	Detergents:	-- mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:		Odor:	None																																					
Total Chlorine:	-- ppm	Turbidity:	None																																					
Free Chlorine:	-- ppm	Color:	None																																					
Ammonia:	-- ppm	Gross Solids:	Slight																																					
pH:	-- units	Vegetation:	None																																					
Temperature	-- °F	Benthic Growth:	Moderate																																					
Conductivity:	-- µS/cm	Stains:	None																																					
Detergents:	-- mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																																					
			 o20120612083850.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2012</div>																																					

Inspection Date: 9/3/2009		Type: Initial	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes 																																					
Submerged: Partially Depth (in): 15																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location:</td> <td>Odor:</td> <td>Faint</td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>-- units</td> <td>Vegetation:</td> <td></td> </tr> <tr> <td>Temperature</td> <td>-- °F</td> <td>Benthic Growth:</td> <td>Slight</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td></td> </tr> <tr> <td>Detergents:</td> <td>-- mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:		Odor:	Faint	Total Chlorine:	-- ppm	Turbidity:	None	Free Chlorine:	-- ppm	Color:	None	Ammonia:	-- ppm	Gross Solids:	None	pH:	-- units	Vegetation:		Temperature	-- °F	Benthic Growth:	Slight	Conductivity:	-- µS/cm	Stains:		Detergents:	-- mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:		Odor:	Faint																																					
Total Chlorine:	-- ppm	Turbidity:	None																																					
Free Chlorine:	-- ppm	Color:	None																																					
Ammonia:	-- ppm	Gross Solids:	None																																					
pH:	-- units	Vegetation:																																						
Temperature	-- °F	Benthic Growth:	Slight																																					
Conductivity:	-- µS/cm	Stains:																																						
Detergents:	-- mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: 8 in. Damage: None																																					
			 Osh09_DSCN6437.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2009</div>																																					

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 54

Height/Depth (in):

Width (in):



o20210831101100.JPG

Outfall Notes:

Storm sewer from W 9th Ave discharges to IH-41 right-of-way from south.

County Coordinates:

Northing: 470,893

Easting: 780,943

Latitude/Longitude:

Latitude: 44.01126

Longitude: -88.58384

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

Inspection Date: 8/31/2021 10:14:19 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sediment wet, but no collectable flow at time of inspection. No flow visible in downstream swale.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210831101116.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Minor Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 34

Width (in): 53

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831092304.JPG

Outfall Notes:

Storm sewer from Maricopa Dr discharges to storm sewer in IH-41 right-of-way behind fence.

County Coordinates:

Northing: 469,974

Easting: 781,189

Latitude/Longitude:

Latitude: 44.00874

Longitude: -88.58289

Location Map



Inspection Date: 8/31/2021 9:23:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall located inside IH-41 fence - screened upstream at 13-2382 US2.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831092304.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 10/25/2018 7:49:06 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Junction behind right-of-way fence. Screened upstream at 13-2382 US2.		
Total Chlorine: -- ppm				
Free Chlorine: -- ppm				
Ammonia: -- ppm				
pH: -- units				
Temperature: -- °F				
Conductivity: -- µS/cm				
Detergents: -- mg/L				
Floatables:		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Odor:				
Turbidity:				
Color:				
Gross Solids:				
Vegetation:				
Benthic Growth:				
Stains:				
Non-illicit:				



o20181025074808.JPG

2018

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831092432.JPG

Outfall Notes:

Upstream manhole located approx 105 ft WSW of outfall 13-2382. Intermediate area consists of street right-of-way.

County Coordinates:

Northing: 469,946

Easting: 781,106

Latitude/Longitude:

Latitude: 44.00867

Longitude: -88.58321

Location Map**Inspection Date:** 8/31/2021 9:27:26 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 17

Notes: Sample collected from submerged pool in manhole.

Illicit Discharge Potential: Unlikely

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210831092438.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210831-23

Time Collected: 09:24

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.77 units

Temperature (field): 74 °F

Conductivity (field): 55 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 10/25/2018 7:52:31 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		<div style="border: 1px solid black; padding: 5px; min-height: 100px;"> Manhole dry at time of inspection. </div>		
Total Chlorine: -- ppm				
Free Chlorine: -- ppm				
Ammonia: -- ppm				
pH: -- units				
Temperature -- °F				
Conductivity: -- µS/cm				
Detergents: -- mg/L				
Floatables:		<div style="border: 1px solid black; padding: 5px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None </div>		
Odor:				
Turbidity:				
Color:				
Gross Solids:				
Vegetation:				
Benthic Growth:				
Stains:				
Non-illicit:				



o20181025075036.JPG

2018

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):



o20210831091900.JPG

Outfall Notes:

Curb inlets from Washburn St discharge to IH 41 right-of-way. End of pipe inside of IH 41 fence, and not located.

County Coordinates:

Northing: 469,822

Easting: 781,235

Latitude/Longitude:

Latitude: 44.00833

Longitude: -88.58272

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/31/2021 9:19:39 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall located inside IH-41 fence - screened upstream at 13-2387 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831091900.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 9/28/2015 7:38:00 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Outfall not located - screened at 13-2387 US1.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature	-- °F	Gross Solids:	None	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	None	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	

Photo Not Available

2015

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-2387

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831091928.JPG

Outfall Notes:

Upstream curb inlet located approx 28 ft SW of outfall 13-2387. Intermediate area consists of street right-of-way.

County Coordinates:

Northing: 469,801

Easting: 781,216

Latitude/Longitude:

Latitude: 44.00827

Longitude: -88.58279

Location Map**Inspection Date:** 8/31/2021 9:22:07 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 48-72**Flow Description:** None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outlet pipe dry - sample not collected from sump.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210831091954.JPG

2021**Sampling Results**

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 9/28/2015 7:40:51 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Flowline dry and clean.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature:	-- °F	Gross Solids:	None	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	None	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	



o20150928064252.JPG

2015

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):



o20150928064640.JPG

Outfall Notes:

Curb inlets from Washburn St discharge to IH 41 right-of-way. End of pipe inside of IH 41 fence, and not located.

County Coordinates:

Northing: 469,372

Easting: 781,247

Latitude/Longitude:

Latitude: 44.00709

Longitude: -88.58267

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Location Map



Inspection Date: 8/31/2021 9:14:56 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall located inside IH-41 fence - screened upstream at 13-2390 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

**Outfall
Not
Located**

Photo Not Available

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 9/28/2015 7:42:00 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Outfall not located - screened at 13-2390 US1.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature	-- °F	Gross Solids:	None	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	None	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None	in.
		Damage:	None	

Photo Not Available

2015

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-2390

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831091234.JPG

Outfall Notes:

Upstream curb inlet located approx 20 ft SW of outfall 13-2390. Intermediate area consists of street right-of-way.

County Coordinates:

Northing: 469,360

Easting: 781,237

Latitude/Longitude:

Latitude: 44.00706

Longitude: -88.58271

Location Map**Inspection Date:** 8/31/2021 9:15:55 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 48-72**Flow Description:** None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Pipe exiting manhole to outfall wet, but no collectable flow at time of inspection. No sample collected from sump.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage



o20210831091242.JPG

2021**Sampling Results**

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 9/28/2015 7:45:00 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Flowline dry. 2x4 in bottom of inlet.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature:	-- °F	Gross Solids:	None	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	None	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	



o20150928064714.JPG

2015

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

PVC

City ID:

N/A

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210823102232.JPG

Outfall Notes:

Storm sewer from Wellington Dr discharges to stream from north via 25-ft riprap channel.

County Coordinates:

Northing: 467,482

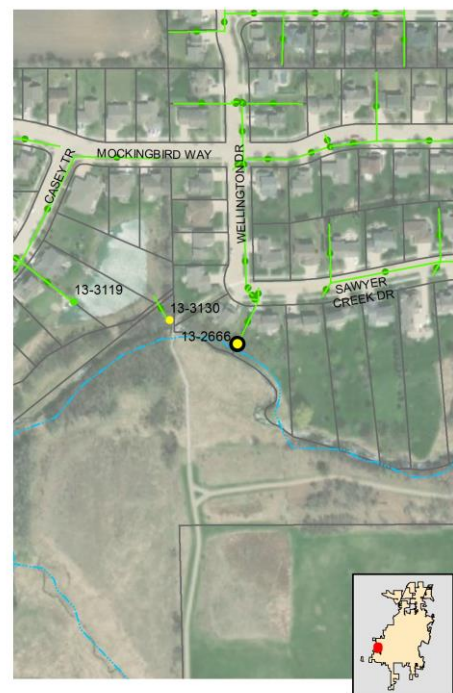
Easting: 773,369

Latitude/Longitude:

Latitude: 44.00188

Longitude: -88.61260

Location Map



Inspection Date: 8/23/2021 10:27:11 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Pipe wet, but no collectable flow at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823102238.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 6/12/2012 8:33:10 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Flowline damp. Riprap blocking end of pipe.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature	-- °F	Gross Solids:	Slight	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	None	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	Moderate	6 in.
		Damage:	None	



o20120612073224.JPG

2012

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 27

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823122942.JPG

Outfall Notes:

Storm sewer from Atlas Ave discharges to swale from south.

County Coordinates:

Northing: 461,555

Easting: 775,797

Latitude/Longitude:

Latitude: 43.98563

Longitude: -88.60335

Location Map



Inspection Date: 8/23/2021 12:31:53 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 6

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 13-2822 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: Slight

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823122948.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 10/24/2018 1:01:16 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 8		
Sampling Results		Notes Outfall partially submerged - screened upstream at 13-2822 US1.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



o20181024125924.JPG

2018

Location Map

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-2822

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823123122.JPG

Outfall Notes:

Upstream curb inlet located approx 42 ft S of outfall 13-2822. Intermediate area consists of road right-of-way.

County Coordinates:

Northing: 461,513

Easting: 775,798

Latitude/Longitude:

Latitude: 43.98552

Longitude: -88.60335



Inspection Date: 8/23/2021 12:34:59 PM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 7

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam



o20210823123140.JPG

2021

Sampling Results

Sample Location:

Sample ID: 210823-48

Time Collected: 12:33

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 6.80 units

Temperature (field): 79 °F

Conductivity (field): 1064 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 10/24/2018 1:04:01 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 7		
Sampling Results				
Sample Location: Pool		Floatables:	None	
Total Chlorine: 0 ppm		Odor:	None	
Free Chlorine: 0 ppm		Turbidity:	None	
Ammonia: 0 ppm		Color:	None	
pH: 7.71 units		Gross Solids:	None	
Temperature: 54 °F		Vegetation:	None	
Conductivity: 1446 µS/cm		Benthic Growth:	None	
Detergents: 0 mg/L		Stains:	None	
		Non-illicit:	None	
Notes				
Sample collected from submerged pool in manhole.				
Condition Assessment				
Graffiti: None				
Erosion: None				
Deposition: None		in.		
Damage: None				



o20181024130224.JPG

2018

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823083118.JPG

Outfall Notes:

Storm sewer from W 20th Ave discharges to stream from east.

County Coordinates:

Northing: 465,553

Easting: 773,027

Latitude/Longitude:

Latitude: 43.99659

Longitude: -88.61389

Location Map



Inspection Date: 8/23/2021 8:33:59 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sediment and pipe dry at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

- ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
- ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
- ☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

- ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other
- ☐ Inhibited ☐ Excessive
- ☐ Green ☐ Brown
- ☐ Flow Line ☐ Oil ☐ Rust Stains
- ☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

o20210823083132.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Moderate Depth (in): 10

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):



o20210823083538.JPG

Outfall Notes:

Storm sewer from W 20th Ave discharges to stream from west.

County Coordinates:

Northing: 465,554

Easting: 772,975

Latitude/Longitude:

Latitude: 43.99659

Longitude: -88.61409

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

Location Map



Inspection Date: 8/23/2021 8:39:11 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, no flow

Submerged: Partially Depth (in): 9

Illicit Discharge Potential: Unlikely

Notes: No flow leaving scour hole at end of pipe.
Sample collected from pool at end of pipe.
Slightly elevated ammonia.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823083544.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210823-99

Time Collected: 08:40

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0.5 ppm

pH (field): 7.50 units

Temperature (field): 70 °F

Conductivity (field): 1886 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823091518.JPG

Outfall Notes:

Storm sewer from W 20th Ave discharges to stream from east.

County Coordinates:

Northing: 465,596

Easting: 770,590

Latitude/Longitude:

Latitude: 43.99670

Longitude: -88.62315

Location Map



Inspection Date: 8/23/2021 9:16:40 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 7

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow inside pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823091524.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-67

Time Collected: 09:20

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.39 units

Temperature (field): 68 °F

Conductivity (field): 891 µS/cm

Detergents: 0 mg/L

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

HDPE

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20210823102946.JPG

Outfall Notes:

Storm sewer from Casey Trail discharges to southwest corner of detention basin.

County Coordinates:

Northing: 467,592

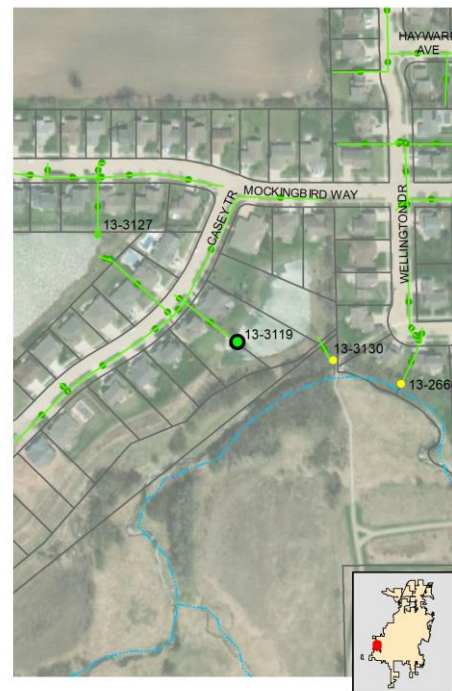
Easting: 772,973

Latitude/Longitude:

Latitude: 44.00218

Longitude: -88.61411

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

Inspection Date: 8/23/2021 10:31:17 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Trickle

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from pipe flow.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Severe

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823102952.JPG

2021

Sampling Results

Sample Location:

Sample ID: 210823-07

Time Collected: 10:31

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.46 units

Temperature (field): 73 °F

Conductivity (field): 865 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 6/12/2012 8:58:32 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: None		Depth (in):	Dry. Flowline sediment	
Sampling Results				
Sample Location:		Floatables:	None	
Total Chlorine: -- ppm		Odor:	None	
Free Chlorine: -- ppm		Turbidity:	None	
Ammonia: -- ppm		Color:	None	
pH: -- units		Gross Solids:	Slight	
Temperature -- °F		Vegetation:	None	
Conductivity: -- µS/cm		Benthic Growth:	Slight	
Detergents: -- mg/L		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	



o20120612080046.JPG

2012

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

HDPE

City ID:

N/A

Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):



o20210823105602.JPG

Outfall Notes:

Storm sewer from Mockingbird Way discharges to northeast corner of detention basin.

County Coordinates:

Northing: 467,861

Easting: 772,637

Latitude/Longitude:

Latitude: 44.00292

Longitude: -88.61539

Mapping Precison:

Mapping GPS

☐ Not Physically Located

Location Map



Inspection Date: 8/23/2021 10:58:50 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 4

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 13-3127 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Severe

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823105606.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 6/12/2012 9:10:32 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: None		Depth (in):																																
Sampling Results		<table border="1"> <tr><td>Floatables:</td><td>Slight</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	Slight	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None												
Floatables:	Slight																																	
Odor:	None																																	
Turbidity:	None																																	
Color:	None																																	
Gross Solids:	Slight																																	
Vegetation:	None																																	
Benthic Growth:	Slight																																	
Stains:	None																																	
Non-illicit:	None																																	
<table border="1"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1"> <tr><td colspan="2">Notes</td></tr> <tr><td colspan="2">Dry sediment and dry algae on apron.</td></tr> <tr><td colspan="2">Condition Assessment</td></tr> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>			Notes		Dry sediment and dry algae on apron.		Condition Assessment		Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None
Sample Location:																																		
Total Chlorine:	-- ppm																																	
Free Chlorine:	-- ppm																																	
Ammonia:	-- ppm																																	
pH:	-- units																																	
Temperature:	-- °F																																	
Conductivity:	-- µS/cm																																	
Detergents:	-- mg/L																																	
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Dry sediment and dry algae on apron.																																		
Condition Assessment																																		
Graffiti:	None																																	
Erosion:	None																																	
Deposition:	None in.																																	
Damage:	None																																	



o20120612081300.JPG

2012

Location Map

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-3127

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823105836.JPG

Outfall Notes:

Upstream curb inlet located approx 139 ft N of outfall 13-3127. Intermediate area consists of single-family residential property.

County Coordinates:

Northing: 468,000

Easting: 772,642

Latitude/Longitude:

Latitude: 44.00330

Longitude: -88.61537



Inspection Date: 8/23/2021 11:02:57 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 2

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823105844.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210823-21

Time Collected: 11:04

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.92 units

Temperature (field): 73 °F

Conductivity (field): 673 µS/cm

Detergents: 0 mg/L

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

HDPE

City ID:

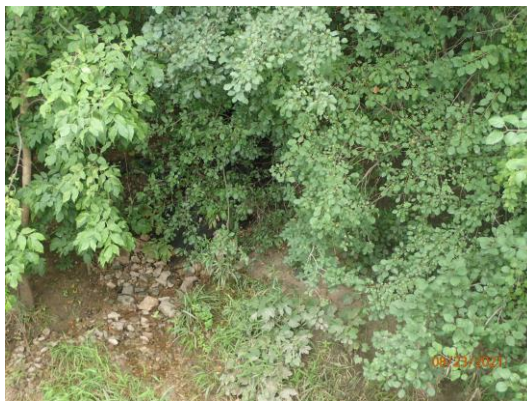
N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

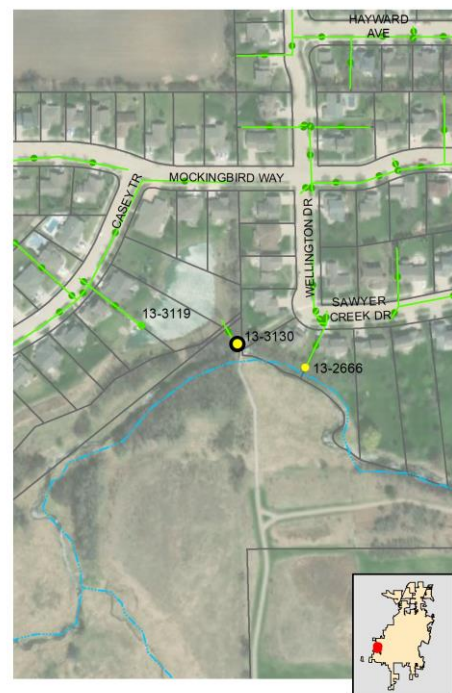


o20210823101628.JPG

Outfall Notes:

Outlet pipe from detention basin discharges to stream from north via riprap channel.

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 467,543

Easting: 773,205

Latitude/Longitude:

Latitude: 44.00205

Longitude: -88.61323

Inspection Date: 8/23/2021 10:27:11 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Moderate

Submerged: Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from pipe flow. Pipe arpon undercut 6".

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: Minor

Deposition: None Depth (in):

Damage: Minor ☐ Displacement ☒ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823101724.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-54

Time Collected: 10:20

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.72 units

Temperature (field): 74 °F

Conductivity (field): 346 µS/cm

Detergents: 0 mg/L

Inspection Date: 6/12/2012 8:47:59 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Dry		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature:	-- °F	Gross Solids:	None	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	None	
		Stains:	Slight	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	



o20120612075054.JPG

2012

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):



o20210823143844.JPG

Outfall Notes:

Storm sewer from Westhaven Circle discharges to W side of detention basin.

Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 467,236

Easting: 777,964

Latitude/Longitude:

Latitude: 44.00122

Longitude: -88.59514

Location Map



Inspection Date: 8/23/2021 2:41:20 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 2

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow in pipe.

Floatables: Moderate

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☒ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823143854.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-14

Time Collected: 14:39

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.14 units

Temperature (field): 76 °F

Conductivity (field): 1095 µS/cm

Detergents: 0 mg/L

Inspection Date: 8/20/2020 11:21:03 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes Pipe dry at time of inspection.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	Slight		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



o20200820111920.JPG

2020

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):



o20210823143412.JPG

Outfall Notes:

Storm sewer from Maricopa Dr discharges to SW corner of detention basin.

County Coordinates:

Northing: 467,058

Easting: 778,030

Latitude/Longitude:

Latitude: 44.00073

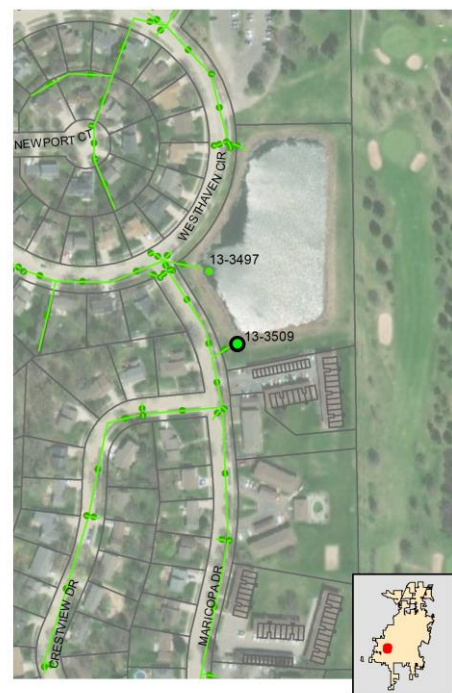
Longitude: -88.59489

Mapping Precison:

Mapping GPS

☐ Not Physically Located

Location Map



Inspection Date: 8/23/2021 2:34:40 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Trickle

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from pipe flow.

Floatables: Moderate

Odor: None

Turbidity: None

Color: None

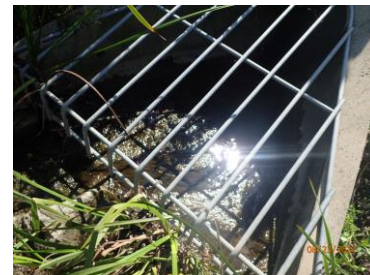
Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☒ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823143418.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-40

Time Collected: 14:35

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.55 units

Temperature (field): 78 °F

Conductivity (field): 851 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 8/20/2020 11:15:59 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Pipe wet, but no collectable flow at time of inspection.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature	-- °F	Gross Solids:	None	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	None	
		Stains:	Slight	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	



o20200820111526.JPG

2020

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210823104908.JPG

Outfall Notes:

Storm sewer from Mockingbird Way discharges to northwest corner of detention basin.

County Coordinates:

Northing: 467,863

Easting: 772,398

Latitude/Longitude:

Latitude: 44.00292

Longitude: -88.61630

Location Map



Inspection Date: 8/23/2021 10:50:23 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Pipe dry immediately upstream of outfall. Apron displaced 3".

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other
☐ Inhibited ☐ Excessive
☐ Green ☐ Brown
☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Paint ☐ Other
☐ Natural Sheen ☐ Natural Suds/Foam

o20210823104918.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L


Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

 Damage: Moderate ☒ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 6/12/2012 9:15:18 AM		Type: Ongoing		Flow: None		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p>o20120612081748.JPG</p> <p>2012</p>	
Submerged: None		Depth (in):		Pipe dry at time of inspection. Apron slightly displaced from pipe.			
Sampling Results				Condition Assessment			
Sample Location:		Floatables:	None	Graffiti:		None	in.
Total Chlorine: -- ppm		Odor:	None	Erosion:		None	
Free Chlorine: -- ppm		Turbidity:	None	Deposition:		None	
Ammonia: -- ppm		Color:	None	Damage:		Minor	
pH: -- units		Gross Solids:	None				
Temperature -- °F		Vegetation:	None				
Conductivity: -- µS/cm		Benthic Growth:	None				
Detergents: -- mg/L		Stains:	None				
		Non-illicit:	None				

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20210823104358.JPG

Outfall Notes:

Storm sewer from Cloe Jude Dr discharges to NW corner of detention basin.

County Coordinates:

Northing: 467,808

Easting: 772,295

Latitude/Longitude:

Latitude: 44.00277

Longitude: -88.61669

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

Inspection Date: 8/23/2021 10:45:25 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, no flow

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged, but upstream curb inlet dry. No sample was collected.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Severe

Stains: Moderate

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823104408.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 8/20/2020 10:05:37 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Sediment in pipe wet, but no flow at time of inspection. Blue pond dye.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature:	-- °F	Gross Solids:	Slight	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	Moderate	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	Minor	1 in.
		Damage:	None	



o20200820100338.JPG

2020

Priority Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 66

Height/Depth (in):

Width (in):



o20210823145632.JPG

Outfall Notes:

Storm sewer from Koeller St and Menard Dr discharges to west side of detention basin.

County Coordinates:

Northing: 468,701

Easting: 782,214

Latitude/Longitude:

Latitude: 44.00525

Longitude: -88.57900

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

Inspection Date: 8/23/2021 2:58:26 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Trickle

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from pipe flow.

Floatables: None

Odor: None

Turbidity: None

Color: None

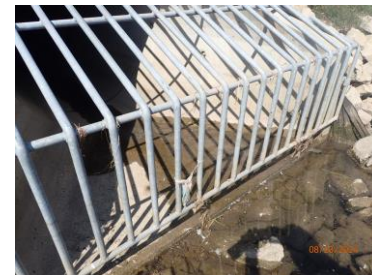
Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: Slight

Non-illicit: Slight

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☒ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☒ Natural Suds/Foam

o20210823145642.JPG

2021

Sampling Results

Sample Location:

Sample ID: 210823-18

Time Collected: 14:58

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.31 units

Temperature (field): 82 °F

Conductivity (field): 1720 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/20/2020 4:09:06 PM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location: Flow		Sample collected from pipe flow.		
Total Chlorine:	0 ppm	Floatables:	Moderate	
Free Chlorine:	0 ppm	Odor:	None	
Ammonia:	0 ppm	Turbidity:	None	
pH:	7.91 units	Color:	None	
Temperature:	79 °F	Gross Solids:	None	
Conductivity:	1889 µS/cm	Vegetation:	None	
Detergents:	0 mg/L	Benthic Growth:	Moderate	
		Stains:	Slight	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	
		 o20200820160626.JPG 2020		


Inspection Date: 10/8/2019 4:01:14 PM		Type: Ongoing	Flow: Moderate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location: Flow		Sample collected from submerged flow at end of pipe. Elevated conductivity.		
Total Chlorine:	0 ppm	Floatables:	None	
Free Chlorine:	0 ppm	Odor:	None	
Ammonia:	0 ppm	Turbidity:	None	
pH:	7.66 units	Color:	None	
Temperature:	65 °F	Gross Solids:	None	
Conductivity:	2470 µS/cm	Vegetation:	None	
Detergents:	0 mg/L	Benthic Growth:	Moderate	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	
		 o20191008145924.JPG 2019		

Inspection Date: 10/26/2018 12:50:27 PM		Type: Repeat	Flow: Trickle	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: KMK		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location: Flow		Detergent detection follow-up. Limited screening conducted beyond sampling.		
Total Chlorine:	0 ppm	Floatables:	Slight	
Free Chlorine:	0 ppm	Odor:	None	
Ammonia:	0 ppm	Turbidity:	None	
pH:	7.91 units	Color:	None	
Temperature:	56 °F	Gross Solids:	None	
Conductivity:	1745 µS/cm	Vegetation:	None	
Detergents:	0.85 mg/L	Benthic Growth:	None	
		Stains:	Slight	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	
		 o20181025072226.JPG 2018		

Inspection Date: 10/25/2018 7:24:13 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location: Flow		Sample collected from submerged flow at end of pipe. Detergent detected.		
Total Chlorine:	0 ppm	Floatables:	Slight	
Free Chlorine:	0 ppm	Odor:	None	
Ammonia:	0 ppm	Turbidity:	None	
pH:	7.94 units	Color:	None	
Temperature:	49 °F	Gross Solids:	None	
Conductivity:	1865 µS/cm	Vegetation:	None	
Detergents:	0.45 mg/L	Benthic Growth:	Moderate	
		Stains:	Slight	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	None in.	
		Damage:	None	
		 o20181025072226.JPG 2018		

Inspection Date: 10/18/2017 4:20:44 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 1																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.88 units</td></tr> <tr><td>Temperature:</td><td>67 °F</td></tr> <tr><td>Conductivity:</td><td>1262 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>Slight</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.88 units	Temperature:	67 °F	Conductivity:	1262 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Slight	Non-illicit:	None
Sample Location:	Flow																																					
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Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Moderate																																					
Stains:	Slight																																					
Non-illicit:	None																																					
		<p>Notes</p> <p>Sample collected from submerged flow at end of pipe.</p>		 <p style="text-align: center;">o20171018161638.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>																																		
		<p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>			Graffiti:	None	Erosion:	None	Deposition:	None	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
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Damage:	None																																					

Inspection Date: 10/19/2016 3:20:01 PM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: None		Depth (in):																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>8.07 units</td></tr> <tr><td>Temperature:</td><td>66 °F</td></tr> <tr><td>Conductivity:</td><td>1396 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>Slight</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	8.07 units	Temperature:	66 °F	Conductivity:	1396 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Slight	Non-illicit:	None
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Stains:	Slight																																					
Non-illicit:	None																																					
		<p>Notes</p>		 <p style="text-align: center;">o20161019151808.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>																																		
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None																																					
Damage:	None																																					

Inspection Date: 9/28/2015 10:08:12 AM		Type: Ongoing	Flow: Moderate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: None		Depth (in):																																				
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Sample Location:	Flow																																					
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		<p>Notes</p>		 <p style="text-align: center;">o20150928090940.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>																																		
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None																																					
Damage:	None																																					

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 60

Width (in): 96

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831103502.JPG

Outfall Notes:

Storm sewer from Maricopa Dr discharges to south end of detention basin via swale.

County Coordinates:

Northing: 469,477

Easting: 780,353

Latitude/Longitude:

Latitude: 44.00738

Longitude: -88.58607

Location Map



Inspection Date: 8/31/2021 10:36:01 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 23

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 13-3806 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: Slight

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831103548.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Location Map



Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-3806

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):



o20210831104148.JPG

Outfall Notes:

Upstream manhole located approx 384 ft SSW of outfall 13-3806. Intermediate area consists of multi-family residential properties.

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 469,198

Easting: 780,299

Latitude/Longitude:

Latitude: 44.00661

Longitude: -88.58628

Inspection Date: 8/31/2021 10:46:29 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, significant flow

Submerged: Partially Depth (in): 4

Illicit Discharge Potential: Unlikely

Notes: Sample collected from flow in manhole. Significant flow from west branch.

Floatables: Slight

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☒ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831104202.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210831-49

Time Collected: 10:43

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.58 units

Temperature (field): 74 °F

Conductivity (field): 759 µS/cm

Detergents: 0 mg/L

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831093008.JPG

Outfall Notes:

Detention basin outlet structure and Washburn St storm sewer discharges to IH-41 right-of-way.

County Coordinates:

Northing: 470,211

Easting: 781,105

Latitude/Longitude:

Latitude: 44.00939

Longitude: -88.58322

Location Map



Inspection Date: 8/31/2021 9:32:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall located inside IH-41 fence - screened upstream at 13-3820 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831093008.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-3820

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210831093318.JPG

Outfall Notes:

Upstream manhole located approx 66 ft SW of outfall 13-3820. Intermediate area consists of street and highway right-of-way.

County Coordinates:

Northing: 470,176

Easting: 781,059

Latitude/Longitude:

Latitude: 44.00930

Longitude: -88.58339

Location Map**Inspection Date:** 8/31/2021 9:37:06 AM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 48-72**Flow Description:** Submerged, significant flow

Submerged: Partially Depth (in): 8

Illicit Discharge Potential: Unlikely**Notes:** Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831093320.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210831-96

Time Collected: 09:40

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.23 units

Temperature (field): 75 °F

Conductivity (field): 414 µS/cm

Detergents: 0 mg/L

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 48

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823133316.JPG

Outfall Notes:

Storm sewer from Compass Way discharges to NW corner of detention basin.

County Coordinates:

Northing: 462,736

Easting: 773,404

Latitude/Longitude:

Latitude: 43.98886

Longitude: -88.61245

Location Map



Inspection Date: 8/23/2021 1:34:36 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow in pipe. Apron displaced 3".

Floatables: Slight

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: Slight

Non-illicit: Moderate

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☒ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☒ Natural Suds/Foam

o20210823133324.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-19

Time Collected: 13:37

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.78 units

Temperature (field): 78 °F

Conductivity (field): 862 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: Minor ☒ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 48

Height/Depth (in):

Width (in):



o20210823130928.JPG

Outfall Notes:

Storm sewer from Compass Way discharges to east end of detention basin.

County Coordinates:

Northing: 463,482

Easting: 771,731

Latitude/Longitude:

Latitude: 43.99090

Longitude: -88.61881

Location Map



Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

Inspection Date: 8/23/2021 1:11:09 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Moderate

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from pipe flow. Apron displaced 3".

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: Slight

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823130936.JPG

2021

Sampling Results

Sample Location:

Sample ID: 210823-47

Time Collected: 13:13

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.25 units

Temperature (field): 77 °F

Conductivity (field): 921 µS/cm

Detergents: 0 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: Moderate ☒ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823134316.JPG

Outfall Notes:

Detention basin outlet structure discharges to stream from west.

County Coordinates:

Northing: 462,758

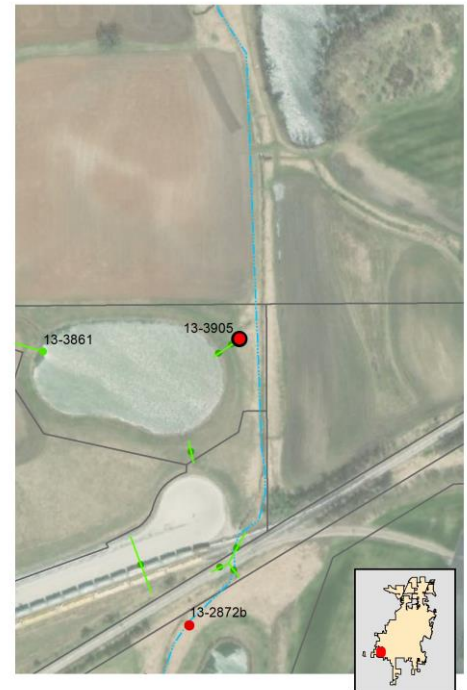
Easting: 773,883

Latitude/Longitude:

Latitude: 43.98893

Longitude: -88.61063

Location Map



Inspection Date: 8/23/2021 1:45:13 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, no flow

Submerged: Partially Depth (in): 7

Illicit Discharge Potential: Unlikely

Notes: Pond outlet structure dry - no sample collected at outfall.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Severe

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210823134322.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210823-50

Time Collected: 13:43

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.30 units

Temperature (field): 78 °F

Conductivity (field): 245 µS/cm

Detergents: 0 mg/L

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823085352.JPG

Outfall Notes:

Storm sewer from Morningstar Ln discharges to SE corner of detention basin.

County Coordinates:

Northing: 465,324

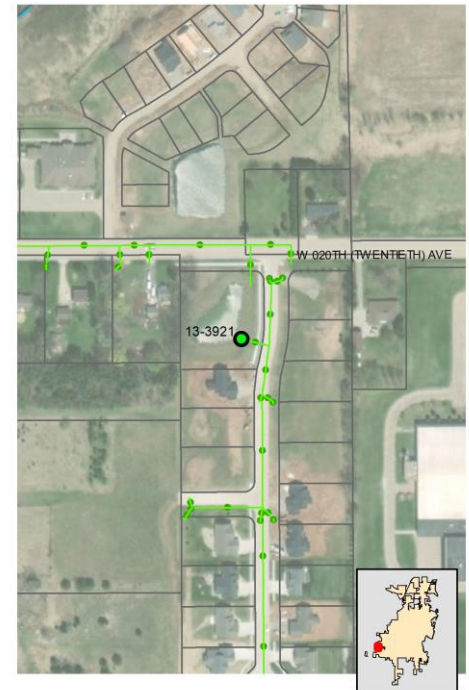
Easting: 771,591

Latitude/Longitude:

Latitude: 43.99596

Longitude: -88.61935

Location Map



Inspection Date: 8/23/2021 8:59:04 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 1

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged flow inside pipe. Detergent detected in sample.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Severe

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823085416.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210823-80

Time Collected: 08:58

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.58 units

Temperature (field): 68 °F

Conductivity (field): 1004 µS/cm

Detergents: 0.9 mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Box

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 72

Width (in): 96

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816134608.JPG

Outfall Notes:

Storm sewer from Georgia Street discharges to west end of South Park ponds. (Formerly 13-2957.)

County Coordinates:

Northing: 469,046

Easting: 788,002

Latitude/Longitude:

Latitude: 44.00621

Longitude: -88.55700

Location Map



Inspection Date: 8/16/2021 1:47:39 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 13-4012 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816134612.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm


pH (field): -- units

Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/20/2020 12:23:12 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> <p>Outfall fully submerged and not located - screened upstream at 13-2957 US1.</p> </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		


 o20200820122132.JPG
2020

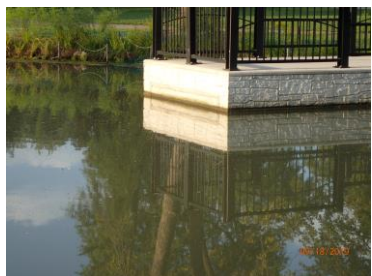
Inspection Date: 11/5/2019 1:32:00 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> <p>Detergent detection follow-up. Limited screening conducted beyond sampling. Detergent in follow-up sample.</p> </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



2019


Inspection Date: 10/8/2019 8:14:46 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> <p>Detergent detection follow-up. Limited screening conducted beyond sampling. No detergent in follow-up sample.</p> </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



 o20191008071216.JPG
2019


Inspection Date: 9/18/2019 7:32:53 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results		Notes		
Sample Location:	Floatables:	<div style="border: 1px solid black; padding: 5px;"> <p>Outfall inaccessible - screened upstream at 13-2957 US1a. Detergent in upstream manhole.</p> </div>		
Total Chlorine: -- ppm	Odor:			
Free Chlorine: -- ppm	Turbidity:			
Ammonia: -- ppm	Color:			
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



 o20190918063134.JPG
2019

Inspection Date: 10/25/2018 1:17:00 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																			
Submerged: Partially		Depth (in):	Outfall inaccessible - screened upstream at 13-2957 US1a.																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:																																						
Total Chlorine:	-- ppm																																					
Free Chlorine:	-- ppm																																					
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					

Inspection Date: 10/19/2016 1:42:21 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																			
Submerged: Partially		Depth (in): 19	Outfall partially submerged - screened upstream at 13-2957 US1.																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>Cloudy</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>Moderate</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Floatables:	None	Odor:	None	Turbidity:	Cloudy	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Moderate	Non-illicit:	None
Sample Location:																																						
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Detergents:	-- mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	Cloudy																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Moderate																																					
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Non-illicit:	None																																					
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					

Inspection Date: 9/24/2015 1:12:45 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																			
Submerged: Partially		Depth (in): 17	Outfall partially submerged - screened at 13-2957 US1.																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>Cloudy</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Floatables:	None	Odor:	None	Turbidity:	Cloudy	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	None	Non-illicit:	None
Sample Location:																																						
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					

Inspection Date: 6/12/2012 1:30:43 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																			
Submerged: Partially		Depth (in): 21	Outfall partially submerged; screened upstream at 13-2957 US1.																																			
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>Moderate</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Moderate	Non-illicit:	None
Sample Location:																																						
Total Chlorine:	-- ppm																																					
Free Chlorine:	-- ppm																																					
Ammonia:	-- ppm																																					
pH:	-- units																																					
Temperature:	-- °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	-- mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Moderate																																					
Stains:	Moderate																																					
Non-illicit:	None																																					
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Condition Assessment <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>Minor</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> <div style="width: 45%; text-align: center;">  <p>o20120612123258.JPG</p> <p style="font-size: 24pt; font-weight: bold;">2012</p> </div> </div>					Graffiti:	Minor	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	Minor																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					

Inspection Date: 9/4/2009		Type: Initial		Flow: Submerged, slight flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes			
Submerged: None		Depth (in): 16					
Sampling Results				Condition Assessment			
Sample Location:		Floatables:		Graffiti:		None	
Total Chlorine: -- ppm		Odor:		Erosion:		None	
Free Chlorine: -- ppm		Turbidity:		Deposition:		None 0 in.	
Ammonia: -- ppm		Color:		Damage:		None	
pH: -- units		Gross Solids:					
Temperature -- °F		Vegetation:					
Conductivity: -- µS/cm		Benthic Growth:					
Detergents: -- mg/L		Stains:					
		Non-illicit:					

Osh09_DSCN6483.JPG

2009

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

13-4012

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210816134736.JPG

Outfall Notes:

Upstream manhole located approx 95 ft W of outfall 13-4012. Constructed before 2018 screening.

County Coordinates:

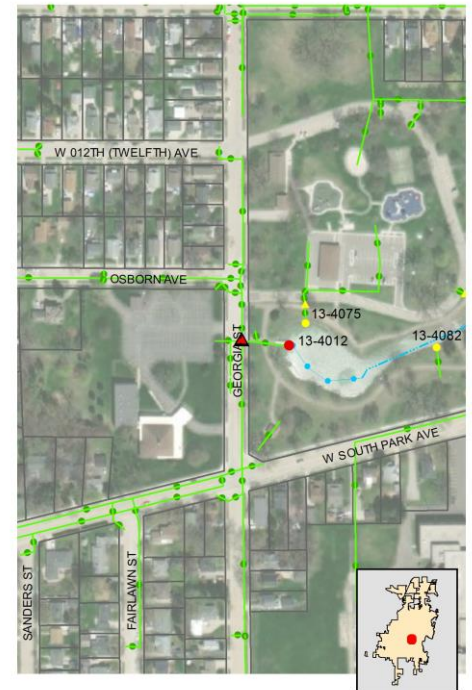
Northing: 469,063

Easting: 787,886

Latitude/Longitude:

Latitude: 44.00626

Longitude: -88.55744

Location Map**Inspection Date:** 8/16/2021 1:50:23 PM**Inspector:** JCW**Inspection Type:** Ongoing**Previous Rainfall (hrs):** 72+**Flow Description:** Submerged, indeterminate

Submerged: Fully Depth (in): 72

Illicit Discharge Potential: Unlikely**Notes:** Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: Slight cloudiness

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam**Physical Condition Assessment**

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816134742.JPG

2021**Sampling Results**

Sample Location: Pool

Sample ID: 210816-18

Time Collected: 13:48

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.40 units


Temperature (field): 77 °F


Conductivity (field): 1233 µS/cm


Detergents: 0 mg/L


Inspection Date: 8/20/2020 12:29:26 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 57		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.88 units</p> <p>Temperature: 81 °F</p> <p>Conductivity: 1350 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20200820122308.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2020</p>		

Inspection Date: 11/5/2019 1:33:38 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 71		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: -- ppm</p> <p>Free Chlorine: -- ppm</p> <p>Ammonia: -- ppm</p> <p>pH: -- units</p> <p>Temperature: -- °F</p> <p>Conductivity: -- µS/cm</p> <p>Detergents: 0.6 mg/L</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Follow-up inspection for sampling - limited screening conducted. Detergent in follow-up sample.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20191105133254.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>		


Inspection Date: 10/8/2019 8:16:29 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 72		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Floatables:</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> <div> <p>Sample Location: Flow</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.65 units</p> <p>Temperature: 55 °F</p> <p>Conductivity: 1354 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Detergent detection follow-up. Limited screening conducted beyond sampling. No detergent in follow-up sample.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20191008071514.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>		



Inspection Date: 9/18/2019 7:36:33 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 71		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: None</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> <div> <p>Sample Location: Pool</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.9 units</p> <p>Temperature: 70 °F</p> <p>Conductivity: 1265 µS/cm</p> <p>Detergents: 0.75 mg/L</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged pool in manhole. Detergent detected in sample.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
		 <p style="text-align: center;">o20190918063424.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>		

Inspection Date: 10/25/2018 1:21:51 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																					
Submerged: Fully		Depth (in): 72	Sample collected from submerged pool in manhole.																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Sample Location:</td> <td>Pool</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>7.81 units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>56 °F</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>1178 µS/cm</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:	Pool	Odor:	None	Total Chlorine:	0 ppm	Turbidity:	None	Free Chlorine:	0 ppm	Color:	None	Ammonia:	0 ppm	Gross Solids:	None	pH:	7.81 units	Vegetation:	None	Temperature	56 °F	Benthic Growth:	None	Conductivity:	1178 µS/cm	Stains:	None	Detergents:	0 mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:	Pool	Odor:	None																																					
Total Chlorine:	0 ppm	Turbidity:	None																																					
Free Chlorine:	0 ppm	Color:	None																																					
Ammonia:	0 ppm	Gross Solids:	None																																					
pH:	7.81 units	Vegetation:	None																																					
Temperature	56 °F	Benthic Growth:	None																																					
Conductivity:	1178 µS/cm	Stains:	None																																					
Detergents:	0 mg/L	Non-illicit:	None																																					
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Condition Assessment																																								
Graffiti:	None																																							
Erosion:	None																																							
Deposition:	None in.																																							
Damage:	None																																							
				 o20181025131952.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>																																				

Inspection Date: 10/19/2016 1:45:38 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																					
Submerged: Partially		Depth (in): 22	Screened at old location (13-2957 US1).																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Sample Location:</td> <td>Flow</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>Slight cloudiness</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>7.98 units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>65 °F</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>1234 µS/cm</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:	Flow	Odor:	None	Total Chlorine:	0 ppm	Turbidity:	Slight cloudiness	Free Chlorine:	0 ppm	Color:	None	Ammonia:	0 ppm	Gross Solids:	None	pH:	7.98 units	Vegetation:	None	Temperature	65 °F	Benthic Growth:	None	Conductivity:	1234 µS/cm	Stains:	None	Detergents:	0 mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:	Flow	Odor:	None																																					
Total Chlorine:	0 ppm	Turbidity:	Slight cloudiness																																					
Free Chlorine:	0 ppm	Color:	None																																					
Ammonia:	0 ppm	Gross Solids:	None																																					
pH:	7.98 units	Vegetation:	None																																					
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Detergents:	0 mg/L	Non-illicit:	None																																					
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Condition Assessment																																								
Graffiti:	None																																							
Erosion:	None																																							
Deposition:	None in.																																							
Damage:	None																																							
				 o20161019134250_1.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2016</div>																																				

Inspection Date: 9/24/2015 1:16:09 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																					
Submerged: Partially		Depth (in): 19	Photo not available. Screened at old location (13-2957 US1).																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>Slight</td> </tr> <tr> <td>Sample Location:</td> <td>Pool</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>Cloudy</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>7.95 units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>70 °F</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>1305 µS/cm</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	Slight	Sample Location:	Pool	Odor:	None	Total Chlorine:	0 ppm	Turbidity:	Cloudy	Free Chlorine:	0 ppm	Color:	None	Ammonia:	0 ppm	Gross Solids:	None	pH:	7.95 units	Vegetation:	None	Temperature	70 °F	Benthic Growth:	None	Conductivity:	1305 µS/cm	Stains:	None	Detergents:	0 mg/L	Non-illicit:	None
Sampling Results		Floatables:	Slight																																					
Sample Location:	Pool	Odor:	None																																					
Total Chlorine:	0 ppm	Turbidity:	Cloudy																																					
Free Chlorine:	0 ppm	Color:	None																																					
Ammonia:	0 ppm	Gross Solids:	None																																					
pH:	7.95 units	Vegetation:	None																																					
Temperature	70 °F	Benthic Growth:	None																																					
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Condition Assessment																																								
Graffiti:	None																																							
Erosion:	None																																							
Deposition:	None in.																																							
Damage:	None																																							
				<div style="text-align: center; font-size: 24pt; font-weight: bold;">Photo Not Available</div> <div style="text-align: center; font-size: 24pt; font-weight: bold;">2015</div>																																				

Inspection Date: 6/12/2012 1:36:29 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																																					
Submerged: Partially		Depth (in): 23	Screened at old location (13-2957 US1).																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Sample Location:</td> <td>Pool</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>Slight cloudiness</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>8.35 units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>71 °F</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>1336 µS/cm</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:	Pool	Odor:	None	Total Chlorine:	0 ppm	Turbidity:	Slight cloudiness	Free Chlorine:	0 ppm	Color:	None	Ammonia:	0 ppm	Gross Solids:	None	pH:	8.35 units	Vegetation:	None	Temperature	71 °F	Benthic Growth:	None	Conductivity:	1336 µS/cm	Stains:	None	Detergents:	0 mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:	Pool	Odor:	None																																					
Total Chlorine:	0 ppm	Turbidity:	Slight cloudiness																																					
Free Chlorine:	0 ppm	Color:	None																																					
Ammonia:	0 ppm	Gross Solids:	None																																					
pH:	8.35 units	Vegetation:	None																																					
Temperature	71 °F	Benthic Growth:	None																																					
Conductivity:	1336 µS/cm	Stains:	None																																					
Detergents:	0 mg/L	Non-illicit:	None																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Condition Assessment</td> </tr> <tr> <td>Graffiti:</td> <td>None</td> </tr> <tr> <td>Erosion:</td> <td>None</td> </tr> <tr> <td>Deposition:</td> <td>None in.</td> </tr> <tr> <td>Damage:</td> <td>None</td> </tr> </table>					Condition Assessment		Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Condition Assessment																																								
Graffiti:	None																																							
Erosion:	None																																							
Deposition:	None in.																																							
Damage:	None																																							
				 o20120612123728.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2012</div>																																				

Inspection Date: 9/4/2009		Type: Initial		Flow: Submerged, slight flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes Screened at old location (13-2957 US1).			
Submerged: Fully		Depth (in):					
Sampling Results		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: Benthic Growth: Stains: Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None			
Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: -- ppm pH: 8.1 units Temperature: 66 °F Conductivity: -- µS/cm Detergents: 0 mg/L							

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):



o20210823103738.JPG

Outfall Notes:

Storm sewer from Cloe Jude Dr discharges to SW corner of detention basin.

County Coordinates:

Northing: 467,671

Easting: 772,335

Latitude/Longitude:

Latitude: 44.00240

Longitude: -88.61653

Location Map



Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

Inspection Date: 8/23/2021 10:38:19 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Pipe wet, but no collectable flow at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: Slight

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210823103744.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210823110946.JPG

Outfall Notes:

Storm sewer from Casey Tr discharges to swale from north.

County Coordinates:

Northing: 467,010

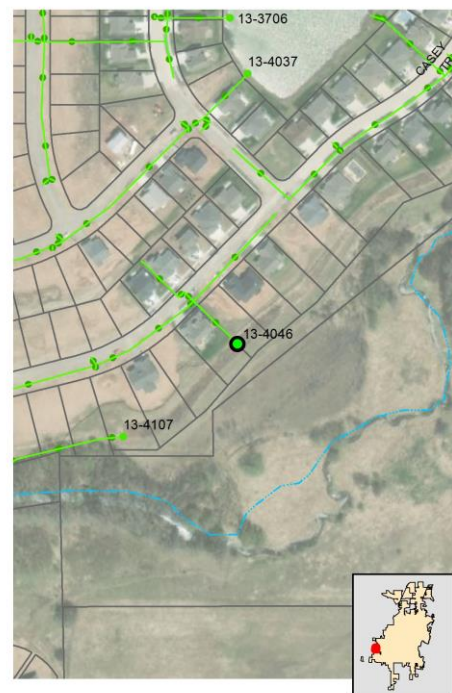
Easting: 772,299

Latitude/Longitude:

Latitude: 44.00058

Longitude: -88.61667

Location Map



Inspection Date: 8/23/2021 11:11:30 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, no flow

Submerged: Partially Depth (in): 2

Illicit Discharge Potential: Unlikely

Notes: Upstream manhole dry. No sample collected at outfall.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

 Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage


o20210823110952.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):



o20210823112020.JPG

Outfall Notes:

Storm sewer from south of Casey Tr discharges to west end of swale.

Location Map



Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

County Coordinates:

Northing: 466,789

Easting: 772,016

Latitude/Longitude:

Latitude: 43.99997

Longitude: -88.61774

Inspection Date: 8/23/2021 11:23:16 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sediment wet, but no collectable flow at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage


o20210823112024.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 36

Width (in): 76

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816122950.JPG

Outfall Notes:

Storm sewer from W 28th Ave discharges to stream from west. Reconstructed prior to 2020 inspection. 27" RCP replaced with HECP.

County Coordinates:

Northing: 462,013

Easting: 793,247

Latitude/Longitude:

Latitude: 43.98693

Longitude: -88.53705

Location Map



Inspection Date: 8/16/2021 12:35:00 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 17

Illicit Discharge Potential: Unlikely

Notes: New HECP. Sample collected from submerged flow in pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210816123040.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210816-06

Time Collected: 12:32

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.37 units

Temperature (field): 78 °F

Conductivity (field): 991 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 9/24/2020 9:14:54 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: QAL		
Submerged: Partially		Depth (in): 14		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: None Non-illicit: None	Notes Outfall recently reconstructed. Outfall fully submerged and not located - screened upstream at 14-582 US1.	 o20200924091838.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2020</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 11/5/2019 12:50:00 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 14		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Moderate Stains: Slight Non-illicit: None	Notes Follow-up inspection for sampling - limited screening conducted. Detergent detected in manhole.	 o20191105125024.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 10/8/2019 7:28:07 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 14		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Moderate Stains: Slight Non-illicit: None	Notes Outfall partially submerged - screened upstream at 14-582 US1. Detergent detected in manhole.	 o20191008062428.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	

Inspection Date: 10/22/2018 12:38:55 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 16		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Severe Stains: Slight Non-illicit: None	Notes Outfall partially submerged - screened upstream at 14-582 US1.	 o20181022123600.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	


Inspection Date: 10/18/2017 12:59:00 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 8			Outfall partially submerged - screened upstream at 14-582 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Moderate		
Detergents: -- mg/L	Stains:	Moderate		
	Non-illicit:	None		



o20171018125442.JPG

2017


Inspection Date: 10/19/2016 12:51:41 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 11			Outfall partially submerged - screened upstream at 14-582 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	Moderate		
	Non-illicit:	None		



o20161019124922.JPG

2016


Inspection Date: 9/24/2015 12:34:42 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 11			Outfall partially submerged - screened at 14-582 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Moderate		
Detergents: -- mg/L	Stains:	Moderate		
	Non-illicit:	None		



o20150924113630.JPG

2015


Inspection Date: 10/7/2014 1:07:56 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 5			Outfall partially submerged - screened upstream at 14-582 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None Erosion: None Deposition: None in. Damage: None	
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Moderate		
Detergents: -- mg/L	Stains:	Severe		
	Non-illicit:	None		



o20141007120544.JPG

2014


Inspection Date: 7/31/2013 10:23:22 AM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 11			Outfall partially submerged. Outfall screened upstream at 14-582 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	Slight		
	Non-illicit:	None		



o20130731092642.JPG

2013


Inspection Date: 9/27/2012 11:43:23 AM		Type: Repeat	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 6			Gel-like sheen on surface of stream. Outfall partially submerged; additional screening upstream at 14-582 US7.	
Sampling Results			Condition Assessment	
Sample Location: Pool	Floatables:	None	Graffiti:	None
Total Chlorine: 0 ppm	Odor:	None	Erosion:	None
Free Chlorine: 0 ppm	Turbidity:	None	Deposition:	None in.
Ammonia: 0 ppm	Color:	None	Damage:	None
pH: 7.77 units	Gross Solids:	None		
Temperature 64 °F	Vegetation:	None		
Conductivity: 1077 µS/cm	Benthic Growth:	Moderate		
Detergents: 0 mg/L	Stains:	Severe		
	Non-illicit:	None		



o20120927103918.JPG

2012


Inspection Date: 9/5/2012 11:52:00 AM		Type: Complaint	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 12			Dark black substance in water around outfall and bridge. Sample collected from stream.	
Sampling Results			Condition Assessment	
Sample Location: Pool	Floatables:	None	Graffiti:	None
Total Chlorine: 0 ppm	Odor:	Noticeable from a dist	Erosion:	None
Free Chlorine: 0 ppm	Turbidity:	Cloudy	Deposition:	None in.
Ammonia: 0 ppm	Color:	Clearly visible in flow	Damage:	None
pH: 75 units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: 1419 µS/cm	Benthic Growth:	Moderate		
Detergents: 0 mg/L	Stains:	None		
	Non-illicit:	None		



o20120905105212.JPG

2012


Inspection Date: 6/20/2012 12:02:16 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 12			Outfall partially submerged; screened upstream at 14-582 US7.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti:	None
Total Chlorine: -- ppm	Odor:	None	Erosion:	None
Free Chlorine: -- ppm	Turbidity:	None	Deposition:	None in.
Ammonia: -- ppm	Color:	None	Damage:	None
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Moderate		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20120620110152.JPG

2012


Inspection Date: 10/5/2011 12:26:00 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Obvious		Inspector: JCW	Notes	
Submerged: Partially Depth (in):			Complaint follow-up. Outfall partially submerged. Outfall screened upstream at 14-585 US7. Limited screening conducted.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:		Graffiti:	
Total Chlorine: -- ppm	Odor:		Erosion:	
Free Chlorine: -- ppm	Turbidity:		Deposition: in.	
Ammonia: -- ppm	Color:		Damage:	
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	None		



o20111005122620.JPG

2011


Inspection Date: 5/26/2011 12:21:00 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Obvious		Inspector: JCW	Notes	
Submerged: Partially Depth (in):			Complaint follow-up. Strong chlorine smell inside pipe. Chemical interference with chlorine test. Limited screening conducted.	
Sampling Results			Condition Assessment	
Sample Location: Pool	Floatables:		Graffiti:	
Total Chlorine: -- ppm	Odor:	Noticeable from a dist	Erosion:	
Free Chlorine: -- ppm	Turbidity:		Deposition: in.	
Ammonia: -- ppm	Color:		Damage:	
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:			



o20110526112114.jpg

2011

Inspection Date: 5/12/2011 1:03:00 PM		Type: Complaint	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Obvious		Inspector: JCW	Notes	
Submerged: Partially Depth (in):			Responded to complaint about discharge from pipe. Outfall partially submerged. Yellow pool at end of pipe. Chemical smell inside pipe.	
Sampling Results			Condition Assessment	
Sample Location: Pool	Floatables:		Graffiti:	
Total Chlorine: 2 ppm	Odor:	Noticeable from a dist	Erosion:	
Free Chlorine: 2 ppm	Turbidity:		Deposition: in.	
Ammonia: 2 ppm	Color:	Clearly visible in flow	Damage:	
pH: -- units	Gross Solids:			
Temperature -- °F	Vegetation:			
Conductivity: -- µS/cm	Benthic Growth:			
Detergents: -- mg/L	Stains:			
	Non-illicit:	None		



o20110512133142.jpg

2011

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 48

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210816124918.JPG

Outfall Notes:

Hughes St storm sewer discharges to stream from north.

County Coordinates:

Northing: 462,824

Easting: 791,411

Latitude/Longitude:

Latitude: 43.98915

Longitude: -88.54403

Location Map



Inspection Date: 8/16/2021 12:54:23 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Pipe wet, but no collectable flow at time of inspection. 3" joint displacement. Downed trees blocking stream channel.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

Damage: Minor ☒ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210816124938.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F

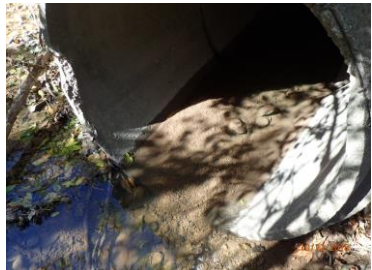
Conductivity (field): -- µS/cm


Detergents: -- mg/L


Inspection Date: 9/24/2020 9:32:24 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: QAL																																				
Submerged: None		Depth (in):																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
Sample Location:																																						
Total Chlorine:	-- ppm																																					
Free Chlorine:	-- ppm																																					
Ammonia:	-- ppm																																					
pH:	-- units																																					
Temperature:	-- °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	-- mg/L																																					
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sediment damp, but no flow at time of inspection. 4" joint displacement.</p> </div> <div> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>Minor 4 in.</td></tr> <tr><td>Damage:</td><td>Minor</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	Minor 4 in.	Damage:	Minor																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	Minor 4 in.																																					
Damage:	Minor																																					
				 o20200924093736.JPG 2020																																		


Inspection Date: 11/5/2019 12:33:00 PM		Type: Repeat	Flow: Submerged, significant flow	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 5																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None	Sample Location:	Flow	Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	0 mg/L
Floatables:	None																																					
Odor:	None																																					
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Gross Solids:	None																																					
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Benthic Growth:	Slight																																					
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Temperature:	-- °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	0 mg/L																																					
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Follow-up inspection for sampling - limited screening conducted. No detergent in follow-up sample.</p> </div> <div> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>Minor 1 in.</td></tr> <tr><td>Damage:</td><td>Minor</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	Minor 1 in.	Damage:	Minor																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	Minor 1 in.																																					
Damage:	Minor																																					
				 o20191105123320.JPG 2019																																		


Inspection Date: 10/8/2019 7:44:51 AM		Type: Ongoing	Flow: Submerged, significant flow	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Partially		Depth (in): 5																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.85 units</td></tr> <tr><td>Temperature:</td><td>51 °F</td></tr> <tr><td>Conductivity:</td><td>741 µS/cm</td></tr> <tr><td>Detergents:</td><td>1 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None	Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.85 units	Temperature:	51 °F	Conductivity:	741 µS/cm	Detergents:	1 mg/L
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	Slight																																					
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Detergents:	1 mg/L																																					
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged flow at end of pipe. 2" joint displacement. Detergent detected.</p> </div> <div> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>Minor 1 in.</td></tr> <tr><td>Damage:</td><td>Minor</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	Minor 1 in.	Damage:	Minor																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	Minor 1 in.																																					
Damage:	Minor																																					
				 o20191008064438.JPG 2019																																		


Inspection Date: 10/22/2018 1:04:11 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 3																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.62 units</td></tr> <tr><td>Temperature:</td><td>57 °F</td></tr> <tr><td>Conductivity:</td><td>811 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.62 units	Temperature:	57 °F	Conductivity:	811 µS/cm	Detergents:	0 mg/L
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Detergents:	0 mg/L																																					
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged flow at end of pipe. 4" joint displacement.</p> </div> <div> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>Minor 1 in.</td></tr> <tr><td>Damage:</td><td>Moderate</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	Minor 1 in.	Damage:	Moderate																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	Minor 1 in.																																					
Damage:	Moderate																																					
				 o20181022130156.JPG 2018																																		

Inspection Date: 10/19/2017 11:55:23 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																												
Submerged: Partially		Depth (in): 2	Upstream manhole dry - sample collected from submerged pool at end of pipe. 3" joint displacement and damaged concrete.																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables: None</td> </tr> <tr> <td>Sample Location:</td> <td>Flow</td> <td>Odor: None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity: None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color: None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids: None</td> </tr> <tr> <td>pH:</td> <td>8.1 units</td> <td>Vegetation: None</td> </tr> <tr> <td>Temperature:</td> <td>62 °F</td> <td>Benthic Growth: Slight</td> </tr> <tr> <td>Conductivity:</td> <td>725 µS/cm</td> <td>Stains: None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit: None</td> </tr> </table>					Sampling Results		Floatables: None	Sample Location:	Flow	Odor: None	Total Chlorine:	0 ppm	Turbidity: None	Free Chlorine:	0 ppm	Color: None	Ammonia:	0 ppm	Gross Solids: None	pH:	8.1 units	Vegetation: None	Temperature:	62 °F	Benthic Growth: Slight	Conductivity:	725 µS/cm	Stains: None	Detergents:	0 mg/L	Non-illicit: None
Sampling Results		Floatables: None																													
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Condition Assessment																															
Graffiti:	None																														
Erosion:	None																														
Deposition:	None in.																														
Damage:	Moderate																														
			 <p style="text-align: center;">o20171019115316.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>																												

Inspection Date: 10/19/2016 1:11:20 PM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																												
Submerged: None		Depth (in):	Last pipe segment displaced 4" at joint.																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables: None</td> </tr> <tr> <td>Sample Location:</td> <td>Flow</td> <td>Odor: None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity: None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color: Faint in bottle</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids: None</td> </tr> <tr> <td>pH:</td> <td>8.24 units</td> <td>Vegetation: None</td> </tr> <tr> <td>Temperature:</td> <td>65 °F</td> <td>Benthic Growth: Slight</td> </tr> <tr> <td>Conductivity:</td> <td>765 µS/cm</td> <td>Stains: None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit: None</td> </tr> </table>					Sampling Results		Floatables: None	Sample Location:	Flow	Odor: None	Total Chlorine:	0 ppm	Turbidity: None	Free Chlorine:	0 ppm	Color: Faint in bottle	Ammonia:	0 ppm	Gross Solids: None	pH:	8.24 units	Vegetation: None	Temperature:	65 °F	Benthic Growth: Slight	Conductivity:	765 µS/cm	Stains: None	Detergents:	0 mg/L	Non-illicit: None
Sampling Results		Floatables: None																													
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Condition Assessment																															
Graffiti:	None																														
Erosion:	None																														
Deposition:	None in.																														
Damage:	Minor																														
			 <p style="text-align: center;">o20161019130908.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>																												

Inspection Date: 9/24/2015 12:55:30 PM		Type: Ongoing	Flow: Moderate	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																												
Submerged: None		Depth (in):	4" joint displacement.																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables: None</td> </tr> <tr> <td>Sample Location:</td> <td>Flow</td> <td>Odor: None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity: None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color: None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids: None</td> </tr> <tr> <td>pH:</td> <td>8.17 units</td> <td>Vegetation: None</td> </tr> <tr> <td>Temperature:</td> <td>72 °F</td> <td>Benthic Growth: None</td> </tr> <tr> <td>Conductivity:</td> <td>1595 µS/cm</td> <td>Stains: Slight</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit: None</td> </tr> </table>					Sampling Results		Floatables: None	Sample Location:	Flow	Odor: None	Total Chlorine:	0 ppm	Turbidity: None	Free Chlorine:	0 ppm	Color: None	Ammonia:	0 ppm	Gross Solids: None	pH:	8.17 units	Vegetation: None	Temperature:	72 °F	Benthic Growth: None	Conductivity:	1595 µS/cm	Stains: Slight	Detergents:	0 mg/L	Non-illicit: None
Sampling Results		Floatables: None																													
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Deposition:	None in.																														
Damage:	Moderate																														
			 <p style="text-align: center;">o20150924115728.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>																												

Inspection Date: 7/31/2013 7:27:16 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																												
Submerged: None		Depth (in):	End section displaced 4".																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables: None</td> </tr> <tr> <td>Sample Location:</td> <td>Flow</td> <td>Odor: None</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Turbidity: None</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Color: None</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> <td>Gross Solids: None</td> </tr> <tr> <td>pH:</td> <td>8.05 units</td> <td>Vegetation: None</td> </tr> <tr> <td>Temperature:</td> <td>71 °F</td> <td>Benthic Growth: None</td> </tr> <tr> <td>Conductivity:</td> <td>1865 µS/cm</td> <td>Stains: Moderate</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Non-illicit: None</td> </tr> </table>					Sampling Results		Floatables: None	Sample Location:	Flow	Odor: None	Total Chlorine:	0 ppm	Turbidity: None	Free Chlorine:	0 ppm	Color: None	Ammonia:	0 ppm	Gross Solids: None	pH:	8.05 units	Vegetation: None	Temperature:	71 °F	Benthic Growth: None	Conductivity:	1865 µS/cm	Stains: Moderate	Detergents:	0 mg/L	Non-illicit: None
Sampling Results		Floatables: None																													
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Condition Assessment																															
Graffiti:	None																														
Erosion:	None																														
Deposition:	None in.																														
Damage:	Minor																														
			 <p style="text-align: center;">o20130731063036.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2013</p>																												

Inspection Date: 9/4/2009		Type: Initial		Flow: Submerged, slight flow		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes		 <p>Osh09_DSCN6570.JPG</p> <p>2009</p>	
Submerged: Partially		Depth (in): 1		End section of pipe separated.			
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: -- ppm pH: 7.82 units Temperature: 73 °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: Benthic Growth: Slight Stains: Non-illicit: None		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: Moderate			

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817115756.JPG

Outfall Notes:

Storm sewer from W Murdock Ave discharges to SW corner of detention basin.

County Coordinates:

Northing: 481,251

Easting: 792,398

Latitude/Longitude:

Latitude: 44.03970

Longitude: -88.54032

Location Map



Inspection Date: 8/17/2021 12:02:26 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 8

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow inside pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210817120008.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210817-30

Time Collected: 12:00

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.30 units

Temperature (field): 85 °F

Conductivity (field): 824 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 10/25/2018 12:40:18 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 6		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Flow</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.84 units</p> <p>Temperature: 57 °F</p> <p>Conductivity: 1613 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: Easily detected</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: None</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged flow at end of pipe.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 o20181025123750.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2018</div>

Inspection Date: 10/19/2017 1:56:32 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 7		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location:</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.83 units</p> <p>Temperature: 66 °F</p> <p>Conductivity: 1297 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: Moderate</p> <p>Stains: Moderate</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from submerged flow at end of pipe.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 o20171019135446.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>

Inspection Date: 10/19/2016 12:14:54 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 7		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location: Flow</p> <p>Total Chlorine: 0 ppm</p> <p>Free Chlorine: 0 ppm</p> <p>Ammonia: 0 ppm</p> <p>pH: 7.6 units</p> <p>Temperature: 65 °F</p> <p>Conductivity: 1026 µS/cm</p> <p>Detergents: 0 mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: None</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: Slight</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: Moderate</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Sample collected from concentrated flow in outfall pool.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 o20161019121322.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2016</div>

Inspection Date: 9/24/2015 8:19:03 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 6		
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <p>Sample Location:</p> <p>Total Chlorine: -- ppm</p> <p>Free Chlorine: -- ppm</p> <p>Ammonia: -- ppm</p> <p>pH: -- units</p> <p>Temperature: -- °F</p> <p>Conductivity: -- µS/cm</p> <p>Detergents: -- mg/L</p> </div> <div> <p>Floatables: None</p> <p>Odor: Easily detected</p> <p>Turbidity: None</p> <p>Color: None</p> <p>Gross Solids: None</p> <p>Vegetation: None</p> <p>Benthic Growth: Slight</p> <p>Stains: Moderate</p> <p>Non-illicit: None</p> </div> </div>		
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Outfall partially submerged - screened at 15-146 US1.</p> </div> <div> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>		
				 o20150924072144.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2015</div>

Inspection Date: 10/6/2011 2:26:18 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Outfall partially submerged. Outfall screened upstream at 15-146 US1.																																					
Submerged: Partially Depth (in): 6																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location:</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>pH:</td> <td>-- units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>-- °F</td> <td>Benthic Growth:</td> <td>Moderate</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td>Slight</td> </tr> <tr> <td>Detergents:</td> <td>-- mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:		Odor:	None	Total Chlorine:	-- ppm	Turbidity:	None	Free Chlorine:	-- ppm	Color:	None	Ammonia:	-- ppm	Gross Solids:	Slight	pH:	-- units	Vegetation:	None	Temperature	-- °F	Benthic Growth:	Moderate	Conductivity:	-- µS/cm	Stains:	Slight	Detergents:	-- mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
Sample Location:		Odor:	None																																					
Total Chlorine:	-- ppm	Turbidity:	None																																					
Free Chlorine:	-- ppm	Color:	None																																					
Ammonia:	-- ppm	Gross Solids:	Slight																																					
pH:	-- units	Vegetation:	None																																					
Temperature	-- °F	Benthic Growth:	Moderate																																					
Conductivity:	-- µS/cm	Stains:	Slight																																					
Detergents:	-- mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					
			 o20111006142544.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>																																					

Inspection Date: 5/12/2011 12:38:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Outfall partially submerged. Outfall screened upstream at 15-146 US1.																																					
Submerged: Partially Depth (in):																																								
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td></td> </tr> <tr> <td colspan="2">Sample Location:</td> <td>Odor:</td> <td></td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> <td>Turbidity:</td> <td></td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> <td>Color:</td> <td></td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td></td> </tr> <tr> <td>pH:</td> <td>-- units</td> <td>Vegetation:</td> <td></td> </tr> <tr> <td>Temperature</td> <td>-- °F</td> <td>Benthic Growth:</td> <td></td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td></td> </tr> <tr> <td>Detergents:</td> <td>-- mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:		Sample Location:		Odor:		Total Chlorine:	-- ppm	Turbidity:		Free Chlorine:	-- ppm	Color:		Ammonia:	-- ppm	Gross Solids:		pH:	-- units	Vegetation:		Temperature	-- °F	Benthic Growth:		Conductivity:	-- µS/cm	Stains:		Detergents:	-- mg/L	Non-illicit:	None
Sampling Results		Floatables:																																						
Sample Location:		Odor:																																						
Total Chlorine:	-- ppm	Turbidity:																																						
Free Chlorine:	-- ppm	Color:																																						
Ammonia:	-- ppm	Gross Solids:																																						
pH:	-- units	Vegetation:																																						
Temperature	-- °F	Benthic Growth:																																						
Conductivity:	-- µS/cm	Stains:																																						
Detergents:	-- mg/L	Non-illicit:	None																																					
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					
			 o20110512123858.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>																																					

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 29

Width (in): 45

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817123332.JPG

Outfall Notes:

Storm sewer from Harrison St discharges to swale from south.

County Coordinates:

Northing: 480,757

Easting: 794,265

Latitude/Longitude:

Latitude: 44.03835

Longitude: -88.53322

Location Map



Inspection Date: 8/17/2021 12:35:53 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sediment wet, but no flow at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 2

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817123346.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/20/2020 2:42:27 PM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes Pipe dry at time of inspection. End of pipe recently excavated.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		



o20200820144034.JPG

2020

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):



o20210817122754.JPG

Outfall Notes:

Storm sewer from Harrison St discharges to swale from west.

County Coordinates:

Northing: 480,098

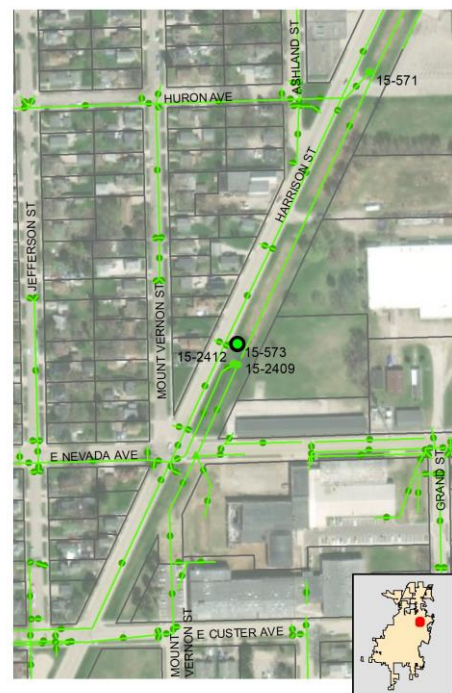
Easting: 793,932

Latitude/Longitude:

Latitude: 44.03654

Longitude: -88.53448

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

Inspection Date: 8/17/2021 12:29:38 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Pipe dry at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

 Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage


o20210817122806.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/20/2020 2:32:57 PM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Pipe dry at time of inspection. 3" of sediment on half of apron.		
Total Chlorine: -- ppm				
Free Chlorine: -- ppm				
Ammonia: -- ppm				
pH: -- units				
Temperature: -- °F				
Conductivity: -- µS/cm				
Detergents: -- mg/L				
Floatables:		Condition Assessment Graffiti: None Erosion: None Deposition: Minor 3 in. Damage: None		
Odor:				
Turbidity:				
Color:				
Gross Solids:				
Vegetation:				
Benthic Growth:				
Stains:				
Non-illicit:				



o20200820143100.JPG

2020

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210831120408.JPG

Outfall Notes:

Storm sewer from E Fernau Ave discharges to stream from west.

County Coordinates:

Northing: 488,048

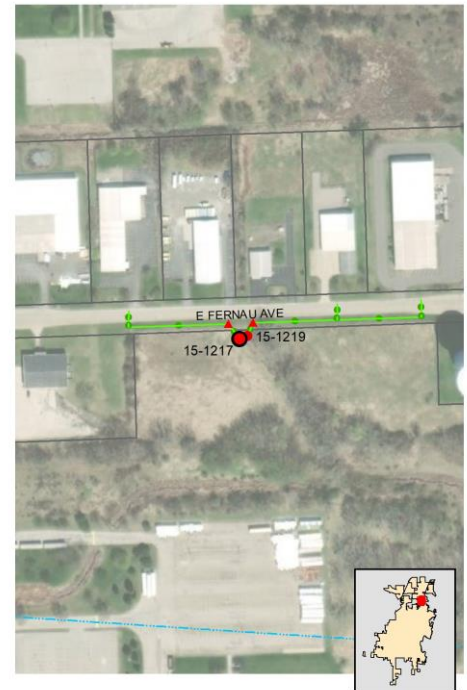
Easting: 793,665

Latitude/Longitude:

Latitude: 44.05835

Longitude: -88.53551

Location Map



Inspection Date: 8/31/2021 12:08:06 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 2

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 15-1217 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: Slight

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☒ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 2

Damage: Minor ☐ Displacement ☐ Undercut ☒ Crushed☒ Corrosion ☐ Cracks/Structural Damage

o20210831120416.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 10/5/2011 2:51:21 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 8		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: Slight Non-illicit: None	Notes Outfall partially submerged. Outfall screened upstream at 15-1219 US1.	 o20111005145114.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: Minor 3 in. Damage: Minor	

Inspection Date: 5/26/2011 9:25:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: _____ Odor: _____ Turbidity: _____ Color: _____ Gross Solids: _____ Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None	Notes Outfall partially submerged. Outfall screened upstream at 15-1219 US1.	 o20110526092512.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: Moderate	

Inspection Date: 9/2/2009		Type: Initial	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in): 0		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: _____ Odor: _____ Turbidity: _____ Color: _____ Gross Solids: _____ Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None	Notes Wet, no flow	 Osh09_DSCN6351.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2009</div>
			Condition Assessment Graffiti: None Erosion: None Deposition: 3 in. Damage: Minor	

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Major Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

15-1217

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210831120952.JPG

Outfall Notes:

Upstream manhole located approx 46 ft NW of outfall 15-1217. Intermediate area consists of open space.

County Coordinates:

Northing: 488,086

Easting: 793,639

Latitude/Longitude:

Latitude: 44.05845

Longitude: -88.53561



Inspection Date: 8/31/2021 12:12:01 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Trickle

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from flow in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: Slight

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210831121000.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210831-95

Time Collected: 12:09

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.21 units

Temperature (field): 75 °F

Conductivity (field): 970 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 10/5/2011 2:57:05 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 2		
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 6.97 units Temperature: 72 °F Conductivity: -- µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None	
			 o20111005145702.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>	

Inspection Date: 5/26/2011 9:27:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: Odor: Turbidity: Color: Gross Solids: Vegetation: Benthic Growth: Stains: Non-illicit: None	Notes Limited screening conducted for upstream manhole prescreening.	
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		 o20110526092750.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210831114858.JPG

Outfall Notes:

Storm sewer from E Fernau Ave discharges to stream from east.

County Coordinates:

Northing: 488,055

Easting: 793,684

Latitude/Longitude:

Latitude: 44.05836

Longitude: -88.53544

Location Map



Inspection Date: 8/31/2021 11:52:12 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 1

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow in pipe. Metal pipe slightly crushed and damaged.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: Slight

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☒ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: Moderate ☐ Displacement ☐ Undercut ☒ Crushed☒ Corrosion ☐ Cracks/Structural Damage

o20210831114902.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210831-37

Time Collected: 11:49

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.16 units


Temperature (field): 76 °F


Conductivity (field): 936 µS/cm

Detergents: 0 mg/L

Inspection Date: 10/8/2019 10:28:43 AM		Type: Ongoing	Flow: Moderate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results Sample Location: Flow Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.4 units Temperature: 62 °F Conductivity: 698 µS/cm Detergents: 0 mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None	Notes Sample collected from pipe flow.	 o20191008092808.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2019</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: Moderate		

Inspection Date: 10/5/2011 2:46:18 PM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: Slight Stains: Slight Non-illicit: None	Notes Dirt wet but no flow leaving through outfall pipe.	 o20111005144608.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: Moderate 7 in. Damage: Minor		

Inspection Date: 5/26/2011 9:23:00 AM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: Odor: Turbidity: Color: Gross Solids: Vegetation: Benthic Growth: Stains: Non-illicit: None	Notes Outfall partially submerged. Outfall screened upstream at 15-1219 US1.	 o20110526092324.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: Moderate		

Inspection Date: 9/2/2009		Type: Initial	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in): 0		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: Odor: Turbidity: Color: Gross Solids: Vegetation: Benthic Growth: Stains: Non-illicit: None	Notes Wet, no flow	 Osh09_DSCN6347.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2009</div>
		Condition Assessment Graffiti: None Erosion: None Deposition: 4 in. Damage: Minor		

Non-Priority Major Outfall

Structure Type:

Open Channel Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Channel - Parabolic

Material:

Cattails

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210817125048.JPG

Outfall Notes:

Swale on west side of railroad tracks discharges to swale between Harrison St and Bowen St, west of outfall 15-1277. Ultimately discharges to lake inlet approximately 900 feet to east.

County Coordinates:

Northing: 483,793

Easting: 794,861

Latitude/Longitude:

Latitude: 44.04668

Longitude: -88.53095

Location Map



Inspection Date: 8/17/2021 12:52:33 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sediment in swale wet, but no collectable flow at time of inspection.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817125052.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Major Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210831113600.JPG

Outfall Notes:

Storm sewer from CTH A discharges to stream from south. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. Formerly labeled A20.

County Coordinates:

Northing: 490,832

Easting: 795,691

Latitude/Longitude:

Latitude: 44.06599

Longitude: -88.52780

Location Map



Inspection Date: 8/31/2021 11:39:22 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 20

Illicit Discharge Potential: Unlikely

Notes: Sample collected from concentrated flow immediately downstream from outfall.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831113610.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210831-43

Time Collected: 11:36

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 6.96 units

Temperature (field): 77 °F

Conductivity (field): 1065 µS/cm

Detergents: 0 mg/L

Inspection Date: 10/6/2011 10:41:05 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Not located. May connect to culvert under road. Screened upstream at 15-2292 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 o20111006104058.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2011</div>		

Inspection Date: 5/26/2011 9:59:00 AM		Type: Other	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: _____ Odor: _____ Turbidity: _____ Color: _____ Gross Solids: _____ Vegetation: _____ Benthic Growth: _____ Stains: _____ Non-illicit: None		
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 15-2292 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 o20110526095930.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2011</div>		

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☐ Not Physically Located

o20210817122242.JPG

Outfall Notes:

Storm sewer from Mt Vernon St and Custer Ave discharges to open channel east of Harrison St.

County Coordinates:

Northing: 480,046

Easting: 793,931

Latitude/Longitude:

Latitude: 44.03640

Longitude: -88.53448

Location Map



Inspection Date: 8/17/2021 12:25:59 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Pipe wet, but no collectable flow at time of inspection. 0-4" sediment on apron.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 2

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage


o20210817122304.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 10/25/2018 12:51:10 PM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: None		Depth (in):																																
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None												
Floatables:	None																																	
Odor:	None																																	
Turbidity:	None																																	
Color:	None																																	
Gross Solids:	Slight																																	
Vegetation:	None																																	
Benthic Growth:	None																																	
Stains:	None																																	
Non-illicit:	None																																	
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="2">Sample Location:</td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="2">Notes</td></tr> <tr><td colspan="2">Sediment wet, but no collectable flow at time of inspection.</td></tr> <tr><td colspan="2">Condition Assessment</td></tr> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>Minor 1 in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>			Notes		Sediment wet, but no collectable flow at time of inspection.		Condition Assessment		Graffiti:	None	Erosion:	None	Deposition:	Minor 1 in.	Damage:	None
Sample Location:																																		
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Deposition:	Minor 1 in.																																	
Damage:	None																																	
		 <p style="text-align: center;">o20181025124842.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>																																

Inspection Date: 10/17/2017 12:36:42 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: Partially		Depth (in): 1																																
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>Slight</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Moderate	Vegetation:	None	Benthic Growth:	None	Stains:	Slight	Non-illicit:	None												
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Color:	None																																	
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Non-illicit:	None																																	
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Sample Location:																																		
Total Chlorine:	-- ppm																																	
Free Chlorine:	-- ppm																																	
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Condition Assessment																																		
Graffiti:	None																																	
Erosion:	None																																	
Deposition:	Minor 2 in.																																	
Damage:	None																																	
		 <p style="text-align: center;">o20171017123304.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>																																

Inspection Date: 10/19/2016 12:25:36 PM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: None		Depth (in):																																
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None												
Floatables:	None																																	
Odor:	None																																	
Turbidity:	None																																	
Color:	None																																	
Gross Solids:	None																																	
Vegetation:	None																																	
Benthic Growth:	Slight																																	
Stains:	None																																	
Non-illicit:	None																																	
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		 <p style="text-align: center;">o20161019122450.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>																																

Inspection Date: 9/24/2015 8:45:17 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: Partially		Depth (in): 2																																
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		 <p style="text-align: center;">o20150924075004.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>																																

Non-Priority Non-Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Elliptical

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 43

Width (in): 68

Mapping Precison:

☐ Not Physically Located

o20210817122556.JPG

Outfall Notes:

Storm sewer from E Nevada Ave discharges to swale from south.

County Coordinates:

Northing: 480,048

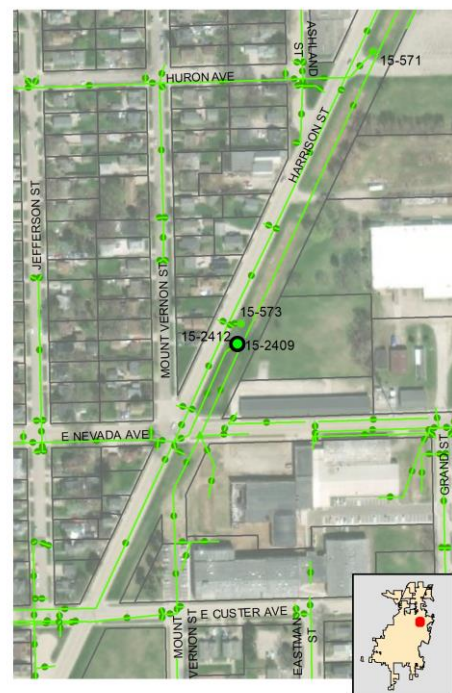
Easting: 793,922

Latitude/Longitude:

Latitude: 44.03640

Longitude: -88.53452

Location Map



Inspection Date: 8/17/2021 12:28:02 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: End of pipe dry at time of inspection. 0-5" sediment on apron.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 2

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817122616.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm

pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/20/2020 2:36:34 PM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: None		Depth (in):		
Sampling Results		Notes		
Sample Location:		Sediment wet, but no flow at time of inspection.		
Total Chlorine:	-- ppm	Floatables:	None	
Free Chlorine:	-- ppm	Odor:	None	
Ammonia:	-- ppm	Turbidity:	None	
pH:	-- units	Color:	None	
Temperature	-- °F	Gross Solids:	Slight	
Conductivity:	-- µS/cm	Vegetation:	None	
Detergents:	-- mg/L	Benthic Growth:	Slight	
		Stains:	None	
		Non-illicit:	None	
		Condition Assessment		
		Graffiti:	None	
		Erosion:	None	
		Deposition:	Minor	1 in.
		Damage:	None	



o20200820143426.JPG

2020

Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817120604.JPG

Outfall Notes:

Storm sewer from N Main St discharges to SE corner of detention basin.

County Coordinates:

Northing: 481,254

Easting: 792,706

Latitude/Longitude:

Latitude: 44.03971

Longitude: -88.53914

Location Map



Inspection Date: 8/17/2021 12:08:53 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, no flow

Submerged: Partially Depth (in): 2

Illicit Discharge Potential: Unlikely

Notes: Sediment wet, but no flow at time of inspection. Pipe dry 10' upstream from end. Sample collected from pool inside pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210817120624.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-60

Time Collected: 12:06

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.77 units

Temperature (field): 84 °F

Conductivity (field): 2200 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

Inspection Date: 10/6/2011 1:48:25 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 2																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>Slight</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	Slight	Non-illicit:	None	Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L
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		 <p style="text-align: center;">o20111006134744.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2011</p>																																				

Inspection Date: 5/12/2011 12:32:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in):																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td></td></tr> <tr><td>Odor:</td><td></td></tr> <tr><td>Turbidity:</td><td></td></tr> <tr><td>Color:</td><td></td></tr> <tr><td>Gross Solids:</td><td></td></tr> <tr><td>Vegetation:</td><td></td></tr> <tr><td>Benthic Growth:</td><td></td></tr> <tr><td>Stains:</td><td></td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> </div>			Floatables:		Odor:		Turbidity:		Color:		Gross Solids:		Vegetation:		Benthic Growth:		Stains:		Non-illicit:	None	Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L
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Non-Priority Non-Major Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 42

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817115442.JPG

Outfall Notes:

Storm sewer from W Murdock Ave discharges to SW corner of detention basin. MS4 mapping does not show distinction from 15-146. (Formerly 15-143.)

County Coordinates:

Northing: 481,232

Easting: 792,363

Latitude/Longitude:

Latitude: 44.03965

Longitude: -88.54045

Location Map



Inspection Date: 8/17/2021 11:57:58 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 9

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow inside pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☒ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

o20210817115506.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210817-29

Time Collected: 11:55

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.96 units

Temperature (field): 86 °F

Conductivity (field): 857 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 10/25/2018 12:32:27 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 8																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.66 units</td></tr> <tr><td>Temperature:</td><td>57 °F</td></tr> <tr><td>Conductivity:</td><td>1700 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.66 units	Temperature:	57 °F	Conductivity:	1700 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
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				 <p style="text-align: center;">o20181025123012.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>																																		

Inspection Date: 10/19/2017 1:49:54 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 7																																				
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				 <p style="text-align: center;">o20171019134748.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2017</p>																																		

Inspection Date: 10/19/2016 12:09:41 PM		Type: Ongoing	Flow: Submerged, slight flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 7																																				
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				 <p style="text-align: center;">o20161019120708.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>																																		

Inspection Date: 9/24/2015 8:10:48 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 8																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.99 units</td></tr> <tr><td>Temperature:</td><td>67 °F</td></tr> <tr><td>Conductivity:</td><td>1153 µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>Moderate</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>			Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.99 units	Temperature:	67 °F	Conductivity:	1153 µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Moderate	Non-illicit:	None
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				 <p style="text-align: center;">o20150924071336.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2015</p>																																		

Inspection Date: 10/6/2011 2:30:02 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Outfall partially submerged. Outfall screened upstream at 15-143 US1.																																					
Submerged: Partially Depth (in): 6																																								
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			Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None																																					
			 o20111006142826.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>																																					

Inspection Date: 5/12/2011 12:43:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Outfall partially submerged. Outfall screened upstream at 15-143 US1.																																					
Submerged: Partially Depth (in):																																								
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			 o20110512124336.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>																																					

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):



o20210817100122.JPG

Outfall Notes:

Storm sewer from Van Buren Ave discharges to river from west. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 477,606

Easting: 786,843

Latitude/Longitude:

Latitude: 44.02969

Longitude: -88.56143

Location Map



Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Inspection Date: 8/17/2021 10:02:49 AM Inspector: JCW Inspection Type: Ongoing Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 16-71 US1.

Floatables: ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other

Odor: ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity:

Color:

Gross Solids: ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

Non-illicit: ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in):

Damage: ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Cracks/Structural Damage



o20210817100124.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F

Conductivity (field): -- µS/cm

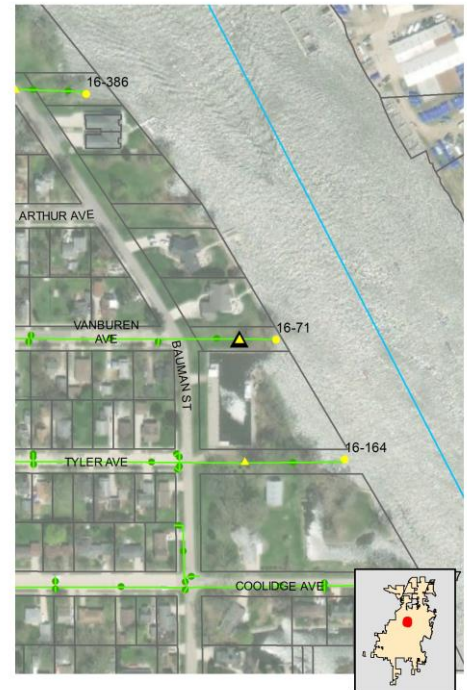
Detergents: -- mg/L

Inspection Date: 10/18/2017 10:29:31 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
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				 o20171018102648.JPG 2017																																		

Inspection Date: 10/18/2016 12:29:31 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
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Damage:	None																																					
				 o20161018122812.JPG 2016																																		

Inspection Date: 8/25/2010 7:58:16 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in):																																				
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table>		Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
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Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 16-71 US1.																																				
		Condition Assessment <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None 0 in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table>			Graffiti:	None	Erosion:	None	Deposition:	None 0 in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None 0 in.																																					
Damage:	None																																					
				 o20100825075024.JPG 2010																																		

Location Map



Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

16-71

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):



o20210817100224.JPG

Outfall Notes:

Upstream manhole located approx 85 ft W of outfall 16-71. Intermediate area consists of open space.

Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 477,609

Easting: 786,755

Latitude/Longitude:

Latitude: 44.02970

Longitude: -88.56176

Inspection Date: 8/17/2021 10:04:03 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 29

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817100228.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-35

Time Collected: 10:02

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.86 units


Temperature (field): 80 °F

Conductivity (field): 322 µS/cm

Detergents: 0 mg/L

Inspection Date: 10/18/2017 10:31:41 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 23																																				
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Pool</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> </tr> <tr> <td>pH:</td> <td>7.52 units</td> </tr> <tr> <td>Temperature:</td> <td>66 °F</td> </tr> <tr> <td>Conductivity:</td> <td>527 µS/cm</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> </tr> </table>		Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.52 units	Temperature:	66 °F	Conductivity:	527 µS/cm	Detergents:	0 mg/L	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Color:</td> <td>None</td> </tr> <tr> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Benthic Growth:</td> <td>Slight</td> </tr> <tr> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Non-illicit:</td> <td>None</td> </tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
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Graffiti:	None																																					
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Deposition:	None in.																																					
Damage:	None																																					
			 o20171018102752.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2017</div>																																			

Inspection Date: 10/18/2016 12:32:06 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Fully		Depth (in): 22																																				
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Pool</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Ammonia:</td> <td>0.5 ppm</td> </tr> <tr> <td>pH:</td> <td>7.7 units</td> </tr> <tr> <td>Temperature:</td> <td>66 °F</td> </tr> <tr> <td>Conductivity:</td> <td>632 µS/cm</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> </tr> </table>		Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0.5 ppm	pH:	7.7 units	Temperature:	66 °F	Conductivity:	632 µS/cm	Detergents:	0 mg/L	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Color:</td> <td>None</td> </tr> <tr> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Non-illicit:</td> <td>None</td> </tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
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Gross Solids:	Slight																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		Notes Potential illicit discharge due to gross solids. Four syringes removed from manhole.																																				
		Condition Assessment <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Graffiti:</td> <td>None</td> </tr> <tr> <td>Erosion:</td> <td>None</td> </tr> <tr> <td>Deposition:</td> <td>None in.</td> </tr> <tr> <td>Damage:</td> <td>None</td> </tr> </table>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
			 o20161018122930.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2016</div>																																			

Inspection Date: 8/25/2010 8:00:39 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 28																																				
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Pool</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> </tr> <tr> <td>Ammonia:</td> <td>0 ppm</td> </tr> <tr> <td>pH:</td> <td>7.74 units</td> </tr> <tr> <td>Temperature:</td> <td>70 °F</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> </tr> </table>		Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.74 units	Temperature:	70 °F	Conductivity:	-- µS/cm	Detergents:	0 mg/L	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Floatables:</td> <td>None</td> </tr> <tr> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Color:</td> <td>Faint in bottle</td> </tr> <tr> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Benthic Growth:</td> <td>Slight</td> </tr> <tr> <td>Stains:</td> <td>None</td> </tr> <tr> <td>Non-illicit:</td> <td>None</td> </tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	Faint in bottle	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
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Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None 0 in.																																					
Damage:	None																																					
			 o20100825075232.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2010</div>																																			

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

HDPE

City ID:

N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):



o20210817092848.JPG

Outfall Notes:

Storm sewer from Graham Ave discharges to river from west. Pipe info from MS4 map.

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,844

Easting: 785,654

Latitude/Longitude:

Latitude: 44.03583

Longitude: -88.56596

Inspection Date: 8/17/2021 9:30:31 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Outfall fully submerged and not located - screened upstream at 16-201 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage



o20210817092902.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 10/10/2016 1:47:19 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not located - screened upstream at 16-201 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20161010134624.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2016</div>		

Inspection Date: 10/7/2014 8:11:23 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 28		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged - screened upstream at 16-201 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20141007071204.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2014</div>		

Inspection Date: 6/20/2012 10:55:37 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged; screened upstream at 16-201 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20120620095704.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2012</div>		

Inspection Date: 10/11/2011 12:51:01 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in):		
Sampling Results Sample Location: Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes 2010 screening follow-up. Outfall partially submerged. Outfall screened upstream at 16-201 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 o20111011125132.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2011</div>		

Inspection Date: 8/19/2010 7:49:43 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in):		
Sampling Results Sample Location: _____ Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Floatables: None Odor: None Turbidity: None Color: None Gross Solids: None Vegetation: None Benthic Growth: None Stains: None Non-illicit: None		
		Notes Outfall fully submerged and not physically located. Outfall screened upstream at 16-201 US1.		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		



o20100819074346.JPG

2010

Location Map

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

16-201

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817093050.JPG

Outfall Notes:

Upstream catchbasin located approx 74 ft SW of outfall 16-201. Intermediate area consists of paved parking area and shoreline.



County Coordinates:

Northing: 479,821

Easting: 785,583

Latitude/Longitude:

Latitude: 44.03577

Longitude: -88.56622

Inspection Date: 8/17/2021 9:33:51 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 29

Notes: Sample collected from submerged pool in manhole.

Illicit Discharge Potential: Unlikely

Floatables: Moderate

Odor: Easily detected

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☒ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☒ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210817093056.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-01

Time Collected: 09:31

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.50 units

Temperature (field): 78 °F

Conductivity (field): 315 µS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 10/10/2016 1:50:41 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 24		
Sampling Results		Notes Potential illicit discharge due to gross solids.		
Sample Location: Pool	Floatables:	Slight		
Total Chlorine: 0 ppm	Odor:	Faint		
Free Chlorine: 0 ppm	Turbidity:	None		
Ammonia: 0 ppm	Color:	Faint in bottle		
pH: 7.22 units	Gross Solids:	Moderate		
Temperature 69 °F	Vegetation:	None		
Conductivity: 429 µS/cm	Benthic Growth:	None		
Detergents: 0 mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20161010134816.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2016</div>		

Inspection Date: 10/7/2014 8:16:37 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 22		
Sampling Results		Notes		
Sample Location: Pool	Floatables:	None		
Total Chlorine: 0 ppm	Odor:	None		
Free Chlorine: 0 ppm	Turbidity:	None		
Ammonia: 0 ppm	Color:	None		
pH: 7.42 units	Gross Solids:	Slight		
Temperature -- °F	Vegetation:	None		
Conductivity: 429 µS/cm	Benthic Growth:	Slight		
Detergents: 0 mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20141007071502.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2014</div>		

Inspection Date: 6/20/2012 10:56:06 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 24-48
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Fully		Depth (in): 29		
Sampling Results		Notes 2011 gross solids follow-up. Visual screening only.		
Sample Location: --	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	Slight		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20120620095824.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2012</div>		

Inspection Date: 10/11/2011 12:54:49 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 22		
Sampling Results		Notes 2010 screening follow-up. Floatable debris still present. Slight petroleum sheen.		
Sample Location: Pool	Floatables:	Slight		
Total Chlorine: 0 ppm	Odor:	None		
Free Chlorine: 0 ppm	Turbidity:	None		
Ammonia: 0 ppm	Color:	None		
pH: 8.44 units	Gross Solids:	Slight		
Temperature 71 °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
		 o20111011125430.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2011</div>		

Inspection Date: 5/26/2011 2:48:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																													
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes Limited screening conducted to check for floatable debris.																																														
Submerged: Fully Depth (in):																																																	
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Sample Location:</td> <td style="width: 20%;">Floatables:</td> <td style="width: 20%;">Slight</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>Total Chlorine: -- ppm</td> <td>Odor:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Free Chlorine: -- ppm</td> <td>Turbidity:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Ammonia: -- ppm</td> <td>Color:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>pH: -- units</td> <td>Gross Solids:</td> <td>Slight</td> <td></td> <td></td> </tr> <tr> <td>Temperature -- °F</td> <td>Vegetation:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Conductivity: -- µS/cm</td> <td>Benthic Growth:</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Detergents: -- mg/L</td> <td>Stains:</td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td>Non-illicit:</td> <td>None</td> <td></td> <td></td> </tr> </table>					Sample Location:	Floatables:	Slight			Total Chlorine: -- ppm	Odor:				Free Chlorine: -- ppm	Turbidity:				Ammonia: -- ppm	Color:				pH: -- units	Gross Solids:	Slight			Temperature -- °F	Vegetation:				Conductivity: -- µS/cm	Benthic Growth:				Detergents: -- mg/L	Stains:					Non-illicit:	None		
Sample Location:	Floatables:	Slight																																															
Total Chlorine: -- ppm	Odor:																																																
Free Chlorine: -- ppm	Turbidity:																																																
Ammonia: -- ppm	Color:																																																
pH: -- units	Gross Solids:	Slight																																															
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Conductivity: -- µS/cm	Benthic Growth:																																																
Detergents: -- mg/L	Stains:																																																
	Non-illicit:	None																																															
			Condition Assessment <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Graffiti:</td> <td>None</td> <td></td> </tr> <tr> <td>Erosion:</td> <td>None</td> <td></td> </tr> <tr> <td>Deposition:</td> <td>None</td> <td>0 in.</td> </tr> <tr> <td>Damage:</td> <td>None</td> <td></td> </tr> </table>		Graffiti:	None		Erosion:	None		Deposition:	None	0 in.	Damage:	None																																		
Graffiti:	None																																																
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Damage:	None																																																
			 o20110526144848.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2011</div>																																														

Inspection Date: 8/19/2010 7:54:51 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																													
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Moderate floatable debris in catchbasin.																																														
Submerged: Fully Depth (in): 29																																																	
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Sample Location: Pool</td> <td style="width: 20%;">Floatables:</td> <td style="width: 20%;">None</td> <td style="width: 20%;"></td> <td style="width: 20%;"></td> </tr> <tr> <td>Total Chlorine: 0 ppm</td> <td>Odor:</td> <td>None</td> <td></td> <td></td> </tr> <tr> <td>Free Chlorine: 0 ppm</td> <td>Turbidity:</td> <td>Slight cloudiness</td> <td></td> <td></td> </tr> <tr> <td>Ammonia: 0 ppm</td> <td>Color:</td> <td>Faint in bottle</td> <td></td> <td></td> </tr> <tr> <td>pH: 7.57 units</td> <td>Gross Solids:</td> <td>Moderate</td> <td></td> <td></td> </tr> <tr> <td>Temperature 74 °F</td> <td>Vegetation:</td> <td>None</td> <td></td> <td></td> </tr> <tr> <td>Conductivity: -- µS/cm</td> <td>Benthic Growth:</td> <td>Slight</td> <td></td> <td></td> </tr> <tr> <td>Detergents: 0 mg/L</td> <td>Stains:</td> <td>None</td> <td></td> <td></td> </tr> <tr> <td></td> <td>Non-illicit:</td> <td>None</td> <td></td> <td></td> </tr> </table>					Sample Location: Pool	Floatables:	None			Total Chlorine: 0 ppm	Odor:	None			Free Chlorine: 0 ppm	Turbidity:	Slight cloudiness			Ammonia: 0 ppm	Color:	Faint in bottle			pH: 7.57 units	Gross Solids:	Moderate			Temperature 74 °F	Vegetation:	None			Conductivity: -- µS/cm	Benthic Growth:	Slight			Detergents: 0 mg/L	Stains:	None				Non-illicit:	None		
Sample Location: Pool	Floatables:	None																																															
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	Non-illicit:	None																																															
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Graffiti:	None																																																
Erosion:	None																																																
Deposition:	None	0 in.																																															
Damage:	None																																																
			 o20100819074612.JPG <div style="text-align: center; font-size: 24pt; font-weight: bold;">2010</div>																																														

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):



o20210817093852.JPG

Outfall Notes:

Storm sewer from Oshkosh Ave discharges to river from west. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

County Coordinates:

Northing: 479,419

Easting: 785,894

Latitude/Longitude:

Latitude: 44.03466

Longitude: -88.56504

Location Map



Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

Inspection Date: 8/17/2021 9:39:49 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged (not located)

Submerged: Fully

Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall fully submerged and not located - screened upstream at 16-594 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817093900.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm


pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 8/19/2020 9:04:07 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-594 US1. Floating gross solids (litter) in upstream manhole.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine:	-- ppm	Turbidity:	Graffiti:	None
Free Chlorine:	-- ppm	Color:	Erosion:	None
Ammonia:	-- ppm	Gross Solids:	Deposition:	None in.
pH:	-- units	Vegetation:	Damage:	None
Temperature:	-- °F	Benthic Growth:		
Conductivity:	-- µS/cm	Stains:		
Detergents:	-- mg/L	Non-illicit:		



o20200819090352.JPG

2020


Inspection Date: 9/18/2019 11:05:33 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-594 US1. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine:	-- ppm	Turbidity:	Graffiti:	None
Free Chlorine:	-- ppm	Color:	Erosion:	None
Ammonia:	-- ppm	Gross Solids:	Deposition:	None in.
pH:	-- units	Vegetation:	Damage:	None
Temperature:	-- °F	Benthic Growth:		
Conductivity:	-- µS/cm	Stains:		
Detergents:	-- mg/L	Non-illicit:		



o20190918100438.JPG

2019


Inspection Date: 10/24/2018 9:07:36 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-594 US1. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine:	-- ppm	Turbidity:	Graffiti:	None
Free Chlorine:	-- ppm	Color:	Erosion:	None
Ammonia:	-- ppm	Gross Solids:	Deposition:	None in.
pH:	-- units	Vegetation:	Damage:	None
Temperature:	-- °F	Benthic Growth:		
Conductivity:	-- µS/cm	Stains:		
Detergents:	-- mg/L	Non-illicit:		



o20181024090620.JPG

2018


Inspection Date: 10/17/2017 11:24:35 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-594 US1. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine:	-- ppm	Turbidity:	Graffiti:	None
Free Chlorine:	-- ppm	Color:	Erosion:	None
Ammonia:	-- ppm	Gross Solids:	Deposition:	None in.
pH:	-- units	Vegetation:	Damage:	None
Temperature:	-- °F	Benthic Growth:		
Conductivity:	-- µS/cm	Stains:		
Detergents:	-- mg/L	Non-illicit:		



o20171017112242.JPG

2017


Inspection Date: 10/10/2016 2:04:49 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not located -screened upstream at 16-594 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None	
Total Chlorine: -- ppm	Odor:	None	Erosion: None	
Free Chlorine: -- ppm	Turbidity:	None	Deposition: None in.	
Ammonia: -- ppm	Color:	None	Damage: None	
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20161010140356.JPG

2016

Inspection Date: 8/19/2010 7:23:24 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully Depth (in):			Outfall fully submerged and not physically located. Outfall screened upstream at 16-594 US1.	
Sampling Results			Condition Assessment	
Sample Location:	Floatables:	None	Graffiti: None	
Total Chlorine: -- ppm	Odor:	None	Erosion: None	
Free Chlorine: -- ppm	Turbidity:	None	Deposition: None 0 in.	
Ammonia: -- ppm	Color:	None	Damage: None	
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		



o20100819071708.JPG

2010

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

16-594

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817094022.JPG

Outfall Notes:

Upstream manhole located approx 60 ft WSW of outfall 16-594. Intermediate area consists of open space in park.

County Coordinates:

Northing: 479,381

Easting: 785,842

Latitude/Longitude:

Latitude: 44.03456

Longitude: -88.56524



Inspection Date: 8/17/2021 9:42:48 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 59

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817094028.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-36

Time Collected: 09:40

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.66 units

Temperature (field): 79 °F

Conductivity (field): 205 µS/cm


Detergents: 0 mg/L


Inspection Date: 8/19/2020 9:06:48 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 57		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.9 units	Gross Solids: Moderate			
Temperature 75 °F	Vegetation: None			
Conductivity: 339 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			

Inspection Date: 9/18/2019 11:07:43 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 56		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 8.27 units	Gross Solids: Moderate			
Temperature 74 °F	Vegetation: None			
Conductivity: 367 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			

Inspection Date: 10/24/2018 9:08:57 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 57		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 7.35 units	Gross Solids: Moderate			
Temperature 50 °F	Vegetation: None			
Conductivity: 456 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			

Inspection Date: 10/17/2017 11:27:30 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Fully		Depth (in): 51		
Sampling Results		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.		
Sample Location: Pool	Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Total Chlorine: 0 ppm	Odor: None			
Free Chlorine: 0 ppm	Turbidity: None			
Ammonia: 0 ppm	Color: None			
pH: 6.98 units	Gross Solids: Moderate			
Temperature 68 °F	Vegetation: None			
Conductivity: 741 µS/cm	Benthic Growth: None			
Detergents: 0 mg/L	Stains: None			
	Non-illicit: None			

Inspection Date: 10/10/2016 2:07:20 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																											
Illicit Discharge Potential: Potential		Inspector: JCW	Notes Potential illicit discharge due to gross solids.																																												
Submerged: Fully		Depth (in): 51	 o20161010140454.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2016</div>																																												
Sampling Results <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Sample Location:</td> <td>Pool</td> <td>Floatables:</td> <td>Slight</td> </tr> <tr> <td>Total Chlorine:</td> <td>0 ppm</td> <td>Odor:</td> <td>Easily detected</td> </tr> <tr> <td>Free Chlorine:</td> <td>0 ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>0.25 ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>pH:</td> <td>7.17 units</td> <td>Gross Solids:</td> <td>Moderate</td> </tr> <tr> <td>Temperature</td> <td>71 °F</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Conductivity:</td> <td>831 µS/cm</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Detergents:</td> <td>0 mg/L</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td></td> <td></td> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Sample Location:			Pool	Floatables:	Slight	Total Chlorine:	0 ppm	Odor:	Easily detected	Free Chlorine:	0 ppm	Turbidity:	None	Ammonia:	0.25 ppm	Color:	None	pH:	7.17 units	Gross Solids:	Moderate	Temperature	71 °F	Vegetation:	None	Conductivity:	831 µS/cm	Benthic Growth:	None	Detergents:	0 mg/L	Stains:	None			Non-illicit:	None	Condition Assessment <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>Graffiti:</td> <td>None</td> </tr> <tr> <td>Erosion:</td> <td>None</td> </tr> <tr> <td>Deposition:</td> <td>None in.</td> </tr> <tr> <td>Damage:</td> <td>None</td> </tr> </table>		Graffiti:	None	Erosion:	None	Deposition:	None in.
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Erosion:	None																																														
Deposition:	None in.																																														
Damage:	None																																														

Inspection Date: 8/19/2010 7:26:35 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																											
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes 2 small oil drops, likely from Oshkosh Ave runoff.																																												
Submerged: Fully		Depth (in): 51	 o20100819071738.JPG <div style="text-align: center; font-weight: bold; font-size: 1.2em;">2010</div>																																												
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		Non-illicit:	None																																												
Graffiti:	None																																														
Erosion:	None																																														
Deposition:	None 0 in.																																														
Damage:	None																																														

Priority Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817082852.JPG

Outfall Notes:

Storm sewer from Fall Creek Ln discharges to south end of detention basin.

County Coordinates:

Northing: 475,039

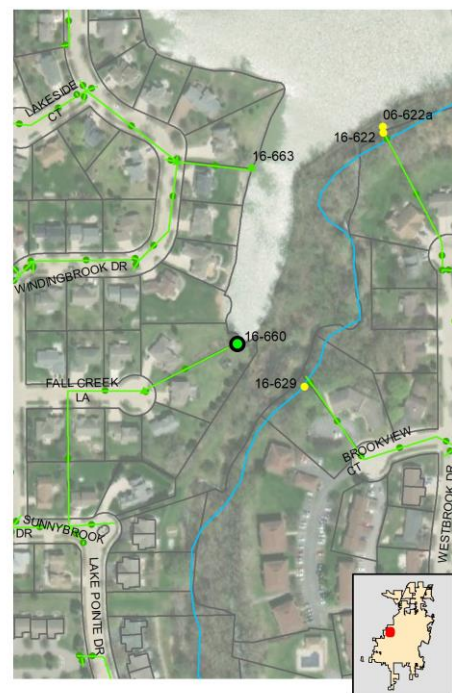
Easting: 779,334

Latitude/Longitude:

Latitude: 44.02263

Longitude: -88.58997

Location Map



Inspection Date: 8/17/2021 8:31:17 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 14

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 16-660 US1. Neighbor reported occasional sewage odor and suds at outfall.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Moderate

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☒ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor Depth (in): 1

 Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage


o20210817082858.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm

Detergents: -- mg/L

Inspection Date: 8/20/2020 8:20:53 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																				
Submerged: Partially		Depth (in): 9																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Severe</td></tr> <tr><td>Stains:</td><td>Slight</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Severe	Stains:	Slight	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	None																					
Vegetation:	None																					
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Stains:	Slight																					
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Temperature:	-- °F																					
Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
			 o20200820081850.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2020</div>																			

Inspection Date: 10/8/2019 2:42:09 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Partially		Depth (in): 16																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
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Odor:	None																					
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Sample Location:																						
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Temperature:	-- °F																					
Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
			 o20191008134040.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2019</div>																			

Inspection Date: 10/25/2018 8:13:23 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Partially		Depth (in): 14																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>Moderate</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Moderate	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	Slight																					
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Temperature:	-- °F																					
Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
			 o20181025081252.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2018</div>																			

Inspection Date: 10/3/2017 11:03:37 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Partially		Depth (in): 12																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>Moderate</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	Moderate	Non-illicit:	None
Floatables:	None																					
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Conductivity:	-- µS/cm																					
Detergents:	-- mg/L																					
			 o20171003110156.JPG <div style="text-align: right; font-size: 24pt; font-weight: bold;">2017</div>																			

Inspection Date: 5/30/2012 10:59:58 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																				
Illicit Discharge Potential: Unlikely		Inspector: JCW																																						
Submerged: Partially		Depth (in): 10																																						
<table border="1"> <tr> <td colspan="2">Sampling Results</td> <td>Floatables:</td> <td>None</td> </tr> <tr> <td colspan="2">Sample Location:</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Total Chlorine:</td> <td>-- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Free Chlorine:</td> <td>-- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>Ammonia:</td> <td>-- ppm</td> <td>Gross Solids:</td> <td>Slight</td> </tr> <tr> <td>pH:</td> <td>-- units</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Temperature</td> <td>-- °F</td> <td>Benthic Growth:</td> <td>Moderate</td> </tr> <tr> <td>Conductivity:</td> <td>-- µS/cm</td> <td>Stains:</td> <td>Slight</td> </tr> <tr> <td>Detergents:</td> <td>-- mg/L</td> <td>Non-illicit:</td> <td>None</td> </tr> </table>					Sampling Results		Floatables:	None	Sample Location:		Odor:	None	Total Chlorine:	-- ppm	Turbidity:	None	Free Chlorine:	-- ppm	Color:	None	Ammonia:	-- ppm	Gross Solids:	Slight	pH:	-- units	Vegetation:	None	Temperature	-- °F	Benthic Growth:	Moderate	Conductivity:	-- µS/cm	Stains:	Slight	Detergents:	-- mg/L	Non-illicit:	None
Sampling Results		Floatables:	None																																					
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Graffiti:	None																																							
Erosion:	None																																							
Deposition:	Minor 1 in.																																							
Damage:	None																																							



o20120530100048.JPG

2012

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Supplemental - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

16-660

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817082006.JPG

Outfall Notes:

Upstream manhole located approx 257 ft WSW of outfall 16-660. Intermediate area consists of residential property.

County Coordinates:

Northing: 474,930

Easting: 779,104

Latitude/Longitude:

Latitude: 44.02233

Longitude: -88.59084



Inspection Date: 8/17/2021 8:24:19 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Moderate

Submerged: None

Depth (in):

Illicit Discharge Potential: Unlikely

Notes: Sample collected from flow in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

- ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

- ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other
☐ Inhibited ☐ Excessive
☐ Green ☐ Brown
☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Cracks/Structural Damage



o20210817082014.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-42

Time Collected: 08:20

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.53 units


Temperature (field): 73 °F


Conductivity (field): 918 µS/cm

Detergents: 0 mg/L


Inspection Date: 8/20/2020 8:24:59 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: None		Depth (in):																																				
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		<div style="display: flex;"> <div style="flex: 1;"> <p>Notes</p> <p>Flowline damp, but no collectable flow at time of inspection.</p> </div> <div style="flex: 1;"> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>																																				
				 o20200820082306.JPG 2020																																		

Inspection Date: 11/5/2019 2:41:00 PM		Type: Repeat	Flow: Moderate	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: None		Depth (in):																																				
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				 o20191105144026.JPG 2019																																		

Inspection Date: 10/8/2019 2:44:41 PM		Type: Ongoing	Flow: Moderate	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: None		Depth (in):																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.68 units</td></tr> <tr><td>Temperature:</td><td>65 °F</td></tr> <tr><td>Conductivity:</td><td>943 µS/cm</td></tr> <tr><td>Detergents:</td><td>0.5 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.68 units	Temperature:	65 °F	Conductivity:	943 µS/cm	Detergents:	0.5 mg/L
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				 o20191008134416.JPG 2019																																		

Inspection Date: 10/26/2018 12:20:38 PM		Type: Repeat	Flow: Trickle	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: KMK																																				
Submerged: None		Depth (in):																																				
Sampling Results		<div style="display: flex;"> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div style="flex: 1;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.83 units</td></tr> <tr><td>Temperature:</td><td>56 °F</td></tr> <tr><td>Conductivity:</td><td>1063 µS/cm</td></tr> <tr><td>Detergents:</td><td>0.7 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:	Flow	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.83 units	Temperature:	56 °F	Conductivity:	1063 µS/cm	Detergents:	0.7 mg/L
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		<div style="display: flex;"> <div style="flex: 1;"> <p>Notes</p> <p>Detergent detection follow-up. Limited screening conducted beyond sampling.</p> </div> <div style="flex: 1;"> <p>Condition Assessment</p> <p>Graffiti: None</p> <p>Erosion: None</p> <p>Deposition: None in.</p> <p>Damage: None</p> </div> </div>																																				
				 o20181025081632.JPG 2018																																		


Inspection Date: 10/25/2018 8:16:19 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW	Notes		
Submerged: None		Depth (in):	Sample collected from flow in manhole. Detergent detected in sample.		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Sample Location:	Flow	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			None
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			None
pH:	7.9 units	Vegetation:			None
Temperature	52 °F	Benthic Growth:			None
Conductivity:	1037 µS/cm	Stains:			None
Detergents:	0.35 mg/L	Non-illicit:			None



o20181025081632.JPG

2018


Inspection Date: 10/17/2017 9:02:21 AM		Type: Repeat	Flow: Moderate	Previous Rainfall (hrs): 48-72	
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes		
Submerged: None		Depth (in):	Repeat inspection due to detergent. No detergent detected in manhole sample.		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Sample Location:	Flow	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			None
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			None
pH:	7.78 units	Vegetation:			None
Temperature	61 °F	Benthic Growth:			Slight
Conductivity:	926 µS/cm	Stains:			None
Detergents:	0 mg/L	Non-illicit:			None



o20171017085628.JPG

2017


Inspection Date: 10/3/2017 11:12:57 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Potential		Inspector: JCW	Notes		
Submerged: None		Depth (in):	Sample collected from flow in manhole. Detergent detected in sample.		
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Sample Location:	Flow	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			None
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			None
pH:	8.26 units	Vegetation:			None
Temperature	76 °F	Benthic Growth:			None
Conductivity:	845 µS/cm	Stains:			None
Detergents:	0.55 mg/L	Non-illicit:			None



o20171003110702.JPG

2017

Inspection Date: 5/30/2012 11:04:45 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes		
Submerged: None		Depth (in):			
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
Sample Location:	Flow	Odor:			None
Total Chlorine:	0 ppm	Turbidity:			None
Free Chlorine:	0 ppm	Color:			None
Ammonia:	0 ppm	Gross Solids:			None
pH:	8.35 units	Vegetation:			None
Temperature	59 °F	Benthic Growth:			None
Conductivity:	1148 µS/cm	Stains:			None
Detergents:	0 mg/L	Non-illicit:			None



o201205301100806.JPG

2012

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

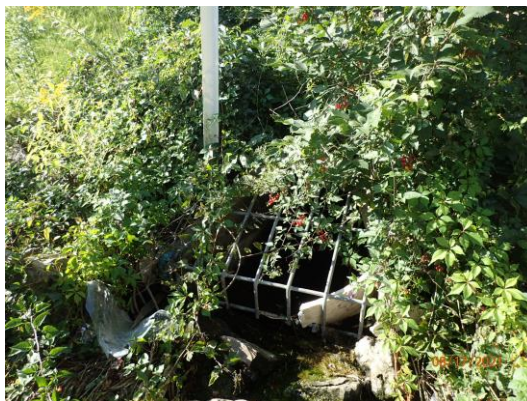
N/A

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):



o20210817084408.JPG

Outfall Notes:

Storm sewer from Koeller St discharges to stream from south.

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,529

Easting: 781,598

Latitude/Longitude:

Latitude: 44.02672

Longitude: -88.58137

Inspection Date: 8/17/2021 8:47:50 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Trickle

Submerged: None

Depth (in):

Illicit Discharge Potential: Potential

Notes: Sample collected from pipe flow. Detergent detected in sample.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Slight

Vegetation: None

Benthic Growth: Severe

Stains: Moderate

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant
☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☒ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817084532.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210817-91

Time Collected: 08:47

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 8.14 units


Temperature (field): 76 °F


Conductivity (field): 1990 µS/cm

Detergents: 0.65 mg/L


Inspection Date: 8/20/2020 7:55:43 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																				
Submerged: None		Depth (in):																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Moderate	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
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Gross Solids:	Moderate																					
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Detergents:	-- mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20200820075354.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2020</div>																				

Inspection Date: 11/5/2019 8:43:00 AM		Type: Repeat	Flow: Trickle	Previous Rainfall (hrs): 48-72																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: None		Depth (in):																				
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Detergents:	0.8 mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20191105084324.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2019</div>																				

Inspection Date: 10/8/2019 1:59:59 PM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 48-72																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: None		Depth (in):																				
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Stains:	None																					
Non-illicit:	None																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td colspan="2">Sample Location: Flow</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>8.09 units</td></tr> <tr><td>Temperature:</td><td>66 °F</td></tr> <tr><td>Conductivity:</td><td>2640 µS/cm</td></tr> <tr><td>Detergents:</td><td>0.5 mg/L</td></tr> </table>		Sample Location: Flow		Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	8.09 units	Temperature:	66 °F	Conductivity:	2640 µS/cm	Detergents:	0.5 mg/L	Notes Sample collected from pipe flow. Detergent and elevated conductivity in sample.				
Sample Location: Flow																						
Total Chlorine:	0 ppm																					
Free Chlorine:	0 ppm																					
Ammonia:	0 ppm																					
pH:	8.09 units																					
Temperature:	66 °F																					
Conductivity:	2640 µS/cm																					
Detergents:	0.5 mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20191008125814.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2019</div>																				

Inspection Date: 10/26/2018 1:46:37 PM		Type: Repeat	Flow: Trickle	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: KMK																				
Submerged: None		Depth (in):																				
Sampling Results		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Moderate</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	Moderate	Stains:	None	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	None																					
Vegetation:	None																					
Benthic Growth:	Moderate																					
Stains:	None																					
Non-illicit:	None																					
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Sample Location: Flow																						
Total Chlorine:	0 ppm																					
Free Chlorine:	0 ppm																					
Ammonia:	0 ppm																					
pH:	8.19 units																					
Temperature:	56 °F																					
Conductivity:	3550 µS/cm																					
Detergents:	0.5 mg/L																					
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20181025085152.JPG <div style="text-align: right; font-weight: bold; font-size: 1.2em;">2018</div>																				


Inspection Date: 10/25/2018 8:55:36 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: None		Depth (in):	Sample collected from pipe flow. Detergent and elevated conductivity in sample.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location: Flow		None	Graffiti: None	
Total Chlorine: 0 ppm		Odor: None	Erosion: None	
Free Chlorine: 0 ppm		Turbidity: None	Deposition: None in.	
Ammonia: 0 ppm		Color: None	Damage: None	
pH: 8.22 units		Gross Solids: None		
Temperature 52 °F		Vegetation: None		
Conductivity: 3300 µS/cm		Benthic Growth: Moderate		
Detergents: 0.45 mg/L		Stains: None		
		Non-illicit: None		



o20181025085152.JPG

2018


Inspection Date: 10/17/2017 10:32:21 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: None		Depth (in):	Sample collected from pipe flow.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location: Flow		None	Graffiti: None	
Total Chlorine: 0 ppm		Odor: None	Erosion: None	
Free Chlorine: 0 ppm		Turbidity: None	Deposition: None in.	
Ammonia: 0 ppm		Color: None	Damage: None	
pH: 8.35 units		Gross Solids: Slight		
Temperature 65 °F		Vegetation: None		
Conductivity: 1704 µS/cm		Benthic Growth: Slight		
Detergents: 0 mg/L		Stains: None		
		Non-illicit: None		



o20171017102814.JPG

2017


Inspection Date: 10/18/2016 7:21:24 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: None		Depth (in):	Elevated conductivity, but no other parameters out of range.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location: Flow		None	Graffiti: None	
Total Chlorine: 0 ppm		Odor: Faint	Erosion: None	
Free Chlorine: 0 ppm		Turbidity: None	Deposition: None in.	
Ammonia: 0 ppm		Color: None	Damage: None	
pH: 8.29 units		Gross Solids: Slight		
Temperature 64 °F		Vegetation: None		
Conductivity: 3880 µS/cm		Benthic Growth: Moderate		
Detergents: 0 mg/L		Stains: None		
		Non-illicit: None		



o20161018071712.JPG

2016


Inspection Date: 9/28/2015 7:20:55 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: None		Depth (in):	Flowline wet, but no flow at time of inspection.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		None	Graffiti: None	
Total Chlorine: -- ppm		Odor: None	Erosion: None	
Free Chlorine: -- ppm		Turbidity: None	Deposition: None in.	
Ammonia: -- ppm		Color: None	Damage: None	
pH: -- units		Gross Solids: Slight		
Temperature -- °F		Vegetation: None		
Conductivity: -- µS/cm		Benthic Growth: Moderate		
Detergents: -- mg/L		Stains: None		
		Non-illicit: None		



o20150928062340.JPG

2015

Inspection Date: 6/6/2012 11:50:55 AM		Type: Ongoing	Flow: Trickle	Previous Rainfall (hrs): 72+																
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes																	
Submerged: None Depth (in):																				
Sampling Results			Condition Assessment																	
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Sample Location: Flow</td> <td style="width: 50%;">Floatables: Slight</td> </tr> <tr> <td>Total Chlorine: 0 ppm</td> <td>Odor: None</td> </tr> <tr> <td>Free Chlorine: 0 ppm</td> <td>Turbidity: None</td> </tr> <tr> <td>Ammonia: 0 ppm</td> <td>Color: None</td> </tr> <tr> <td>pH: 8.1 units</td> <td>Gross Solids: Slight</td> </tr> <tr> <td>Temperature: 78 °F</td> <td>Vegetation: None</td> </tr> <tr> <td>Conductivity: 5050 µS/cm</td> <td>Benthic Growth: Moderate</td> </tr> <tr> <td>Detergents: 0 mg/L</td> <td>Stains: Slight</td> </tr> <tr> <td></td> <td>Non-illicit: None</td> </tr> </table>		Sample Location: Flow			Floatables: Slight	Total Chlorine: 0 ppm	Odor: None	Free Chlorine: 0 ppm	Turbidity: None	Ammonia: 0 ppm	Color: None	pH: 8.1 units	Gross Solids: Slight	Temperature: 78 °F	Vegetation: None	Conductivity: 5050 µS/cm	Benthic Growth: Moderate	Detergents: 0 mg/L	Stains: Slight	
Sample Location: Flow	Floatables: Slight																			
Total Chlorine: 0 ppm	Odor: None																			
Free Chlorine: 0 ppm	Turbidity: None																			
Ammonia: 0 ppm	Color: None																			
pH: 8.1 units	Gross Solids: Slight																			
Temperature: 78 °F	Vegetation: None																			
Conductivity: 5050 µS/cm	Benthic Growth: Moderate																			
Detergents: 0 mg/L	Stains: Slight																			
	Non-illicit: None																			
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Graffiti: None</td> <td style="width: 50%;">in.</td> </tr> <tr> <td>Erosion: None</td> <td></td> </tr> <tr> <td>Deposition: None</td> <td></td> </tr> <tr> <td>Damage: None</td> <td></td> </tr> </table>		Graffiti: None	in.	Erosion: None		Deposition: None		Damage: None									
Graffiti: None	in.																			
Erosion: None																				
Deposition: None																				
Damage: None																				



o20120606105408.JPG

2012

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

HDPE

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817080522.JPG

Outfall Notes:

Storm sewer from Patriot Ln discharges to swale/dry pond that discharges to wet pond.

County Coordinates:

Northing: 476,252

Easting: 779,836

Latitude/Longitude:

Latitude: 44.02596

Longitude: -88.58806

Location Map



Inspection Date: 8/17/2021 8:08:20 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 10

Illicit Discharge Potential: Unlikely

Notes: Outfall partially submerged - screened upstream at 16-995 US1.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210817080534.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm


Ammonia (field): -- ppm


pH (field): -- units


Temperature (field): -- °F


Conductivity (field): -- µS/cm



Detergents: -- mg/L

Inspection Date: 8/20/2020 8:35:17 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW		
Submerged: Partially		Depth (in): 8		
Sampling Results		Notes 10 inch berm of roots blocking flow from apron. Outfall partially submerged - screened upstream at 16-995 US1.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20200820083238.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2020</div>		

Inspection Date: 10/8/2019 2:29:54 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 18		
Sampling Results		Notes Outfall partially submerged - screened upstream at 16-995 US1. Detergent detected in sample.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20191008132854.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2019</div>		

Inspection Date: 10/25/2018 8:27:19 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 12		
Sampling Results		Notes Outfall partially submerged - screened upstream at 16-995 US1. Detergent detected in sample.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	Slight		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	None		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None		
		 o20181025082506.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2018</div>		

Inspection Date: 10/3/2017 10:18:12 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW		
Submerged: Partially		Depth (in): 8		
Sampling Results		Notes Outfall partially submerged - screened upstream at 16-995 US1. Detergent detected in sample.		
Sample Location:	Floatables:	None		
Total Chlorine: -- ppm	Odor:	None		
Free Chlorine: -- ppm	Turbidity:	None		
Ammonia: -- ppm	Color:	None		
pH: -- units	Gross Solids:	None		
Temperature -- °F	Vegetation:	None		
Conductivity: -- µS/cm	Benthic Growth:	Slight		
Detergents: -- mg/L	Stains:	None		
	Non-illicit:	None		
		Condition Assessment Graffiti: None Erosion: None Deposition: Minor 1 in. Damage: None		
		 o20171003101614.JPG <div style="text-align: right; font-size: 1.5em; font-weight: bold;">2017</div>		

Inspection Date: 6/6/2012 1:21:40 PM		Type: Ongoing		Flow: Submerged, indeterminate		Previous Rainfall (hrs): 72+	
Illicit Discharge Potential: Unlikely		Inspector: JCW		Notes No flow leaving pool at end of outfall. Deposition in swale downstream. Screened upstream at 16-995 US1.			
Submerged: Partially		Depth (in): 9					
Sampling Results Sample Location:		Floatables:	None	Condition Assessment Graffiti: None Erosion: None Deposition: Moderate 8 in. Damage: None			
Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature -- °F Conductivity: -- µS/cm Detergents: -- mg/L		Odor:	None				
		Turbidity:	None				
		Color:	None				
		Gross Solids:	Slight				
		Vegetation:	None				
		Benthic Growth:	Slight				
		Stains:	Slight				
		Non-illicit:	None				

o20120606122140.JPG

2012

Location Map

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

16-995

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817080902.JPG

Outfall Notes:

Upstream manhole located approx 112 ft W of outfall 16-995. Intermediate area consists of open space.

County Coordinates:

Northing: 476,251

Easting: 779,723

Latitude/Longitude:

Latitude: 44.02596

Longitude: -88.58849



Inspection Date: 8/17/2021 8:13:37 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged pool in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☐ Green ☐ Brown

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☐ Natural Sheen ☐ Natural Suds/Foam



o20210817080912.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-55

Time Collected: 08:11

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.53 units

Temperature (field): 72 °F

Conductivity (field): 801 μS/cm

Detergents: 0 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/20/2020 8:38:07 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: None		Depth (in):																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
Sample Location:																																						
Total Chlorine:	-- ppm																																					
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Detergents:	-- mg/L																																					
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Flowline damp, but no collectable flow at time of inspection.</p> </div> <div> <p>Condition Assessment</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20200820083626.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2020</p>																																		

Inspection Date: 11/5/2019 3:00:59 PM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Partially		Depth (in): 8																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>1.3 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:	Pool	Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	1.3 mg/L
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
Sample Location:	Pool																																					
Total Chlorine:	-- ppm																																					
Free Chlorine:	-- ppm																																					
Ammonia:	-- ppm																																					
pH:	-- units																																					
Temperature:	-- °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	1.3 mg/L																																					
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Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20191105145942.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>																																		

Inspection Date: 10/8/2019 2:32:34 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																																		
Illicit Discharge Potential: Potential		Inspector: JCW																																				
Submerged: Partially		Depth (in): 9																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.45 units</td></tr> <tr><td>Temperature:</td><td>65 °F</td></tr> <tr><td>Conductivity:</td><td>731 µS/cm</td></tr> <tr><td>Detergents:</td><td>1 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.45 units	Temperature:	65 °F	Conductivity:	731 µS/cm	Detergents:	1 mg/L
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
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Detergents:	1 mg/L																																					
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Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20191008133058.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2019</p>																																		

Inspection Date: 10/26/2018 12:12:28 PM		Type: Repeat	Flow: Submerged, no flow	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: KMK																																				
Submerged: Partially		Depth (in):																																				
Sampling Results		<div style="display: flex; justify-content: space-between;"> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> <div> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>8.02 units</td></tr> <tr><td>Temperature:</td><td>54 °F</td></tr> <tr><td>Conductivity:</td><td>1143 µS/cm</td></tr> <tr><td>Detergents:</td><td>0.85 mg/L</td></tr> </table> </div> </div>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None	Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	8.02 units	Temperature:	54 °F	Conductivity:	1143 µS/cm	Detergents:	0.85 mg/L
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
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Total Chlorine:	0 ppm																																					
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Temperature:	54 °F																																					
Conductivity:	1143 µS/cm																																					
Detergents:	0.85 mg/L																																					
		<div style="display: flex; justify-content: space-between;"> <div> <p>Notes</p> <p>Detergent detection follow-up. Limited screening conducted beyond sampling.</p> </div> <div> <p>Condition Assessment</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20181025082910.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2018</p>																																		


Inspection Date: 10/25/2018 8:28:36 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 2			Sample collected from submerged pool in outfall. Detergent detected in sample.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool		Odor: None		
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: Slight		
pH: 7.86 units		Vegetation: None		
Temperature 50 °F		Benthic Growth: None		
Conductivity: 1011 µS/cm		Stains: None		
Detergents: 0.4 mg/L		Non-illicit: None		



o20181025082910.JPG

2018


Inspection Date: 10/17/2017 8:51:34 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 7			Repeat inspection due to detergent. Detergent detected in manhole sample.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool		Odor: None		
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: None		
pH: 7.54 units		Vegetation: None		
Temperature 61 °F		Benthic Growth: None		
Conductivity: 582 µS/cm		Stains: None		
Detergents: 0.8 mg/L		Non-illicit: None		



o20171017084622.JPG

2017


Inspection Date: 10/3/2017 10:22:53 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Partially Depth (in): 3			Sample collected from submerged pool in outfall. Detergent detected in sample.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool		Odor: None		
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: None		
pH: 7.45 units		Vegetation: None		
Temperature 72 °F		Benthic Growth: None		
Conductivity: 333 µS/cm		Stains: None		
Detergents: 1.3 mg/L		Non-illicit: None		



o20171003101932.JPG

2017

Inspection Date: 6/6/2012 1:28:22 PM		Type: Ongoing	Flow: Submerged, no flow	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: None Depth (in): 1			Sample collected from pool in manhole. No flow entering either pipe.	
Sampling Results		Floatables: None	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location: Pool		Odor: Faint		
Total Chlorine: 0 ppm		Turbidity: None		
Free Chlorine: 0 ppm		Color: None		
Ammonia: 0 ppm		Gross Solids: Slight		
pH: 7.36 units		Vegetation: None		
Temperature 69 °F		Benthic Growth: None		
Conductivity: 411 µS/cm		Stains: Slight		
Detergents: 0 mg/L		Non-illicit: None		



o20120606122856.JPG

2012

Priority Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

NR 216 Class:

Minor Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Mapping Precison:

Desktop mapping estimate

☒ Not Physically Located

o20210831110718.JPG

Outfall Notes:

N Sawyer St storm sewer discharges to river from south. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. (Formerly 16-533.)

County Coordinates:

Northing: 478,815

Easting: 785,375

Latitude/Longitude:

Latitude: 44.03301

Longitude: -88.56701

Location Map



Inspection Date: 8/31/2021 11:09:30 AM Inspector: JCW Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged (not located)

Submerged: Fully Depth (in):

Illicit Discharge Potential: Potential

Notes: Outfall partially submerged - screened upstream at 16-1178 US1. Floating gross solids (litter) in upstream manhole.

Floatables: None ☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ OtherOdor: None ☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

Turbidity: None

Color: None

Gross Solids: None ☐ Litter ☐ Veg. Debris ☐ Sediment ☐ OtherVegetation: None ☐ Inhibited ☐ ExcessiveBenthic Growth: None ☐ Green ☐ BrownStains: None ☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ OtherNon-illicit: None ☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831110724.JPG

2021

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): -- ppm

Free Chlorine (field): -- ppm

Ammonia (field): -- ppm


pH (field): -- units

Temperature (field): -- °F

Conductivity (field): -- µS/cm

Detergents: -- mg/L


Inspection Date: 9/24/2020 9:53:07 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: QAL	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-533 US1. Floating gross solids (litter) in upstream manhole.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:	Gross Solids: None	
Free Chlorine: -- ppm		Color:	Vegetation: None	
Ammonia: -- ppm		Gross Solids:	Benthic Growth: None	
pH: -- units		Stains:	Deposition: None in.	
Temperature -- °F		Non-illicit:	Damage: None	
Conductivity: -- µS/cm				
Detergents: -- mg/L				



o20200924095628.JPG

2020


Inspection Date: 11/5/2019 9:36:00 AM		Type: Repeat	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-533 US1. Follow-up inspection for sampling - limited screening conducted.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:	Gross Solids: None	
Free Chlorine: -- ppm		Color:	Vegetation: None	
Ammonia: -- ppm		Gross Solids:	Benthic Growth: None	
pH: -- units		Stains:	Deposition: None in.	
Temperature -- °F		Non-illicit:	Damage: None	
Conductivity: -- µS/cm				
Detergents: -- mg/L				



o20191105093616.JPG

2019


Inspection Date: 10/8/2019 1:37:40 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-533 US1. Floating gross solids (litter) and detergent in manhole.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:	Gross Solids: None	
Free Chlorine: -- ppm		Color:	Vegetation: None	
Ammonia: -- ppm		Gross Solids:	Benthic Growth: None	
pH: -- units		Stains:	Deposition: None in.	
Temperature -- °F		Non-illicit:	Damage: None	
Conductivity: -- µS/cm				
Detergents: -- mg/L				



o20191008123600.JPG

2019


Inspection Date: 10/24/2018 8:46:55 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-533 US1. Floating gross solids (litter) in manhole.	
Sampling Results		Floatables:	Condition Assessment	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:	Gross Solids: None	
Free Chlorine: -- ppm		Color:	Vegetation: None	
Ammonia: -- ppm		Gross Solids:	Benthic Growth: None	
pH: -- units		Stains:	Deposition: None in.	
Temperature -- °F		Non-illicit:	Damage: None	
Conductivity: -- µS/cm				
Detergents: -- mg/L				



o20181024084514.JPG

2018


Inspection Date: 10/19/2017 1:28:21 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-533 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20171019132622.JPG

2017


Inspection Date: 10/18/2016 9:28:25 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-533 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20161018092038.JPG

2016


Inspection Date: 9/23/2015 10:32:22 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened at 16-533 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20150923093118.JPG


2015


Inspection Date: 10/7/2014 9:08:49 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Outfall fully submerged and not located - screened upstream at 16-533 US1.	
Sampling Results		Floatables:	Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None	
Sample Location:		Odor:		
Total Chlorine: -- ppm		Turbidity:		
Free Chlorine: -- ppm		Color:		
Ammonia: -- ppm		Gross Solids:		
pH: -- units		Vegetation:		
Temperature -- °F		Benthic Growth:		
Conductivity: -- µS/cm		Stains:		
Detergents: -- mg/L		Non-illicit:		



o20141007080736.JPG

2014

Inspection Date: 10/11/2011 12:16:32 PM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Unlikely		Inspector: JCW																													
Submerged: Fully		Depth (in):																													
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Sample Location:</td> <td style="width:50%;">Floatables:</td> <td>None</td> </tr> <tr> <td>Total Chlorine: -- ppm</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Free Chlorine: -- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Ammonia: -- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>pH: -- units</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>Temperature -- °F</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Conductivity: -- µS/cm</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Detergents: -- mg/L</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td></td> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Sample Location:	Floatables:	None	Total Chlorine: -- ppm	Odor:	None	Free Chlorine: -- ppm	Turbidity:	None	Ammonia: -- ppm	Color:	None	pH: -- units	Gross Solids:	None	Temperature -- °F	Vegetation:	None	Conductivity: -- µS/cm	Benthic Growth:	None	Detergents: -- mg/L	Stains:	None		Non-illicit:	None	Notes 2010 screening follow-up. Outfall fully submerged and not physically located. Outfall screened upstream at 16-533 US1. Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Sample Location:	Floatables:	None																													
Total Chlorine: -- ppm	Odor:	None																													
Free Chlorine: -- ppm	Turbidity:	None																													
Ammonia: -- ppm	Color:	None																													
pH: -- units	Gross Solids:	None																													
Temperature -- °F	Vegetation:	None																													
Conductivity: -- µS/cm	Benthic Growth:	None																													
Detergents: -- mg/L	Stains:	None																													
	Non-illicit:	None																													
			 <p style="text-align: center;">o20111011121620.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2011</p>																												

Inspection Date: 8/26/2010 10:11:27 AM		Type: Ongoing	Flow: Submerged (not located)	Previous Rainfall (hrs): 72+																											
Illicit Discharge Potential: Potential		Inspector: JCW																													
Submerged: Fully		Depth (in):																													
Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%;">Sample Location:</td> <td style="width:50%;">Floatables:</td> <td>None</td> </tr> <tr> <td>Total Chlorine: -- ppm</td> <td>Odor:</td> <td>None</td> </tr> <tr> <td>Free Chlorine: -- ppm</td> <td>Turbidity:</td> <td>None</td> </tr> <tr> <td>Ammonia: -- ppm</td> <td>Color:</td> <td>None</td> </tr> <tr> <td>pH: -- units</td> <td>Gross Solids:</td> <td>None</td> </tr> <tr> <td>Temperature -- °F</td> <td>Vegetation:</td> <td>None</td> </tr> <tr> <td>Conductivity: -- µS/cm</td> <td>Benthic Growth:</td> <td>None</td> </tr> <tr> <td>Detergents: -- mg/L</td> <td>Stains:</td> <td>None</td> </tr> <tr> <td></td> <td>Non-illicit:</td> <td>None</td> </tr> </table>		Sample Location:	Floatables:	None	Total Chlorine: -- ppm	Odor:	None	Free Chlorine: -- ppm	Turbidity:	None	Ammonia: -- ppm	Color:	None	pH: -- units	Gross Solids:	None	Temperature -- °F	Vegetation:	None	Conductivity: -- µS/cm	Benthic Growth:	None	Detergents: -- mg/L	Stains:	None		Non-illicit:	None	Notes Outfall fully submerged and not physically located. Outfall screened upstream at 16-533 US1. Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None		
Sample Location:	Floatables:	None																													
Total Chlorine: -- ppm	Odor:	None																													
Free Chlorine: -- ppm	Turbidity:	None																													
Ammonia: -- ppm	Color:	None																													
pH: -- units	Gross Solids:	None																													
Temperature -- °F	Vegetation:	None																													
Conductivity: -- µS/cm	Benthic Growth:	None																													
Detergents: -- mg/L	Stains:	None																													
	Non-illicit:	None																													
			 <p style="text-align: center;">o20100826094912.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2010</p>																												

Location Map



Structure Type:

Manhole

Discharge Location:

Downstream Outfall

NR 216 Class:

Minor Outfall - Alternate Location

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

City ID:

16-1178

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):



o20210831111204.JPG

Outfall Notes:

Upstream manhole located approx 75 ft NE of outfall 16-1178 (formerly 16-533). Intermediate area consists of street right-of-way and commercial property.

Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 478,755

Easting: 785,326

Latitude/Longitude:

Latitude: 44.03284

Longitude: -88.56720

Inspection Date: 8/31/2021 11:17:57 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 40

Illicit Discharge Potential: Potential

Notes: Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: Moderate

Vegetation: None

Benthic Growth: None

Stains: None

Non-illicit: None

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☒ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☐ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☐ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage

o20210831111218.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210831-64

Time Collected: 11:12

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm


Ammonia (field): 0 ppm


pH (field): 7.29 units


Temperature (field): 78 °F


Conductivity (field): 389 µS/cm

Detergents: 0 mg/L


Inspection Date: 9/24/2020 10:01:33 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: QAL																				
Submerged: Fully		Depth (in): 33																				
Sampling Results Sample Location: _____ Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 8.8 units Temperature: 68 °F Conductivity: 433 µS/cm Detergents: 0 mg/L		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Moderate	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	Moderate																					
Vegetation:	None																					
Benthic Growth:	None																					
Stains:	None																					
Non-illicit:	None																					
		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.																				
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20200924100816.JPG 2020																				

Inspection Date: 11/5/2019 9:37:43 AM		Type: Repeat	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																				
Submerged: Partially		Depth (in): 38																				
Sampling Results Sample Location: Pool Total Chlorine: -- ppm Free Chlorine: -- ppm Ammonia: -- ppm pH: -- units Temperature: -- °F Conductivity: -- µS/cm Detergents: 0 mg/L		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	None																					
Vegetation:	None																					
Benthic Growth:	None																					
Stains:	None																					
Non-illicit:	None																					
		Notes Follow-up inspection for sampling - limited screening conducted.																				
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20191105093642.JPG 2019																				

Inspection Date: 10/8/2019 1:38:32 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Partially		Depth (in): 38																				
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.34 units Temperature: 66 °F Conductivity: 449 µS/cm Detergents: 0.5 mg/L		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Moderate	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	Moderate																					
Vegetation:	None																					
Benthic Growth:	None																					
Stains:	None																					
Non-illicit:	None																					
		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole. Detergent detected in sample.																				
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20191008123830.JPG 2019																				

Inspection Date: 10/24/2018 8:51:52 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																		
Illicit Discharge Potential: Potential		Inspector: JCW																				
Submerged: Partially		Depth (in): 46																				
Sampling Results Sample Location: Pool Total Chlorine: 0 ppm Free Chlorine: 0 ppm Ammonia: 0 ppm pH: 7.75 units Temperature: 48 °F Conductivity: 485 µS/cm Detergents: 0 mg/L		<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Slight</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table>			Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Slight	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Floatables:	None																					
Odor:	None																					
Turbidity:	None																					
Color:	None																					
Gross Solids:	Slight																					
Vegetation:	None																					
Benthic Growth:	None																					
Stains:	None																					
Non-illicit:	None																					
		Notes Sample collected from submerged pool in manhole. Floating gross solids (litter) in manhole.																				
		Condition Assessment Graffiti: None Erosion: None Deposition: None in. Damage: None																				
		 o20181024084850.JPG 2018																				


Inspection Date: 10/19/2017 1:34:48 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Unlikely		Inspector: JCW	Notes	
Submerged: Fully		Depth (in):	Sample collected from submerged pool in manhole.	
Sampling Results				
Sample Location:		Floatables:	Slight	
Total Chlorine: 0 ppm		Odor:	None	
Free Chlorine: 0 ppm		Turbidity:	None	
Ammonia: 0 ppm		Color:	None	
pH: 7.89 units		Gross Solids:	Slight	
Temperature 66 °F		Vegetation:	None	
Conductivity: 668 µS/cm		Benthic Growth:	None	
Detergents: 0 mg/L		Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti: None	
			Erosion: None	
			Deposition: None in.	
			Damage: None	



o20171019133054.JPG

2017


Inspection Date: 10/18/2016 9:29:17 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 40	Potential illicit discharge due to gross solids.	
Sampling Results				
Sample Location: Pool		Floatables:	None	
Total Chlorine: 0 ppm		Odor:	None	
Free Chlorine: 0 ppm		Turbidity:	None	
Ammonia: 0 ppm		Color:	None	
pH: 7.94 units		Gross Solids:	Moderate	
Temperature 63 °F		Vegetation:	None	
Conductivity: 482 µS/cm		Benthic Growth:	None	
Detergents: 0 mg/L		Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti: None	
			Erosion: None	
			Deposition: None in.	
			Damage: None	



o20161018092516.JPG

2016


Inspection Date: 9/23/2015 10:32:59 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 36	Floating gross solids (litter) - including syringe - in manhole.	
Sampling Results				
Sample Location: Pool		Floatables:	None	
Total Chlorine: 0 ppm		Odor:	None	
Free Chlorine: 0 ppm		Turbidity:	None	
Ammonia: 0 ppm		Color:	None	
pH: 7.95 units		Gross Solids:	Moderate	
Temperature 71 °F		Vegetation:	None	
Conductivity: 363 µS/cm		Benthic Growth:	Slight	
Detergents: 0 mg/L		Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti: None	
			Erosion: None	
			Deposition: None in.	
			Damage: None	



o20150923093204.JPG


2015


Inspection Date: 10/7/2014 9:13:45 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72
Illicit Discharge Potential: Potential		Inspector: JCW	Notes	
Submerged: Fully		Depth (in): 34	Floating gross solids (litter) in manhole.	
Sampling Results				
Sample Location: Pool		Floatables:	None	
Total Chlorine: 0 ppm		Odor:	None	
Free Chlorine: 0 ppm		Turbidity:	None	
Ammonia: 0 ppm		Color:	None	
pH: 7.67 units		Gross Solids:	Moderate	
Temperature -- °F		Vegetation:	None	
Conductivity: 474 µS/cm		Benthic Growth:	None	
Detergents: 0 mg/L		Stains:	None	
		Non-illicit:	None	
			Condition Assessment	
			Graffiti: None	
			Erosion: None	
			Deposition: None in.	
			Damage: None	




o20141007081140.JPG

2014

Inspection Date: 10/11/2011 12:22:21 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW	<div style="border: 1px solid black; padding: 5px;"> Notes 2010 screening follow-up. Floatable debris significantly reduced. </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None </div>																																			
Submerged: Fully Depth (in): 16																																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.9 units</td></tr> <tr><td>Temperature:</td><td>70 °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.9 units	Temperature:	70 °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	Moderate	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
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Temperature:	70 °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	-- mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	None																																					
Gross Solids:	Moderate																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
			 <small>o20111011121924.JPG</small> <div style="font-size: 24pt; font-weight: bold;">2011</div>																																			

Inspection Date: 5/26/2011 2:35:00 PM		Type: Other	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW	<div style="border: 1px solid black; padding: 5px;"> Notes Limited screening conducted to check for floatable debris. </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None </div>																																			
Submerged: Fully Depth (in):																																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td></td></tr> <tr><td>Turbidity:</td><td></td></tr> <tr><td>Color:</td><td></td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td></td></tr> <tr><td>Benthic Growth:</td><td></td></tr> <tr><td>Stains:</td><td></td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Floatables:	None	Odor:		Turbidity:		Color:		Gross Solids:	Moderate	Vegetation:		Benthic Growth:		Stains:		Non-illicit:	None
Sample Location:																																						
Total Chlorine:	-- ppm																																					
Free Chlorine:	-- ppm																																					
Ammonia:	-- ppm																																					
pH:	-- units																																					
Temperature:	-- °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	-- mg/L																																					
Floatables:	None																																					
Odor:																																						
Turbidity:																																						
Color:																																						
Gross Solids:	Moderate																																					
Vegetation:																																						
Benthic Growth:																																						
Stains:																																						
Non-illicit:	None																																					
			 <small>o20110526143524.JPG</small> <div style="font-size: 24pt; font-weight: bold;">2011</div>																																			

Inspection Date: 8/26/2010 10:01:38 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Potential		Inspector: JCW	<div style="border: 1px solid black; padding: 5px;"> Notes Floatable debris in manhole. </div> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> Condition Assessment Graffiti: None Erosion: None Deposition: None 0 in. Damage: None </div>																																			
Submerged: Fully Depth (in): 36																																						
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> Sampling Results <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td>Pool</td></tr> <tr><td>Total Chlorine:</td><td>0 ppm</td></tr> <tr><td>Free Chlorine:</td><td>0 ppm</td></tr> <tr><td>Ammonia:</td><td>0 ppm</td></tr> <tr><td>pH:</td><td>7.23 units</td></tr> <tr><td>Temperature:</td><td>76 °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>0 mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>Faint in bottle</td></tr> <tr><td>Gross Solids:</td><td>Moderate</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>Slight</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:	Pool	Total Chlorine:	0 ppm	Free Chlorine:	0 ppm	Ammonia:	0 ppm	pH:	7.23 units	Temperature:	76 °F	Conductivity:	-- µS/cm	Detergents:	0 mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	Faint in bottle	Gross Solids:	Moderate	Vegetation:	None	Benthic Growth:	Slight	Stains:	None	Non-illicit:	None
Sample Location:	Pool																																					
Total Chlorine:	0 ppm																																					
Free Chlorine:	0 ppm																																					
Ammonia:	0 ppm																																					
pH:	7.23 units																																					
Temperature:	76 °F																																					
Conductivity:	-- µS/cm																																					
Detergents:	0 mg/L																																					
Floatables:	None																																					
Odor:	None																																					
Turbidity:	None																																					
Color:	Faint in bottle																																					
Gross Solids:	Moderate																																					
Vegetation:	None																																					
Benthic Growth:	Slight																																					
Stains:	None																																					
Non-illicit:	None																																					
			 <small>o20100826095640.JPG</small> <div style="font-size: 24pt; font-weight: bold;">2010</div>																																			

Priority Outfall

Structure Type:

Pond Inlet

Discharge Location:

MS4 Stormwater Facility

NR 216 Class:

Supplemental Outfall

Shape:

Pipe - Circular

Material:

RCP

City ID:

N/A

Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210817073854.JPG

Outfall Notes:

Curb inlet from Washburn St discharges to northeast corner of detention basin.

County Coordinates:

Northing: 478,346

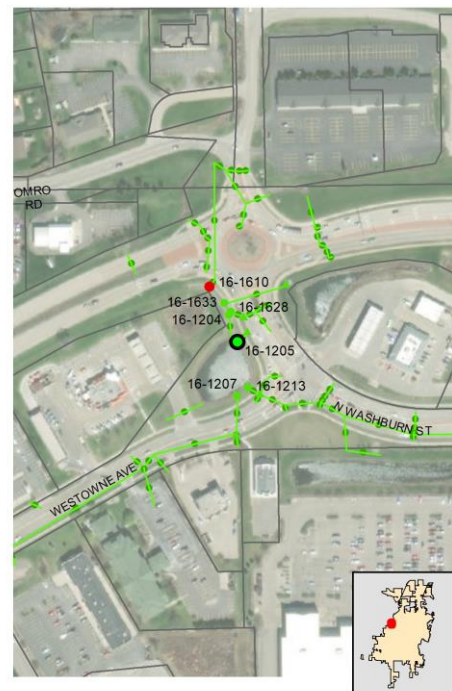
Easting: 779,977

Latitude/Longitude:

Latitude: 44.03170

Longitude: -88.58753

Location Map



Inspection Date: 8/17/2021 7:41:43 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 3

Illicit Discharge Potential: Potential

Notes: Outfall partially submerged. Traffic prevented screening of upstream inlet. Pond sample from end of pipe had detergent and elevated conductivity.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Slight

Stains: Slight

Non-illicit: Slight

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant

☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other

☐ Inhibited ☐ Excessive

☒ Green ☐ Brown

☒ Flow Line ☐ Oil ☐ Rust Stains

☐ Paint ☐ Other

☒ Natural Sheen ☐ Natural Suds/Foam


o20210817073912.JPG

2021

Sampling Results

Sample Location: Pool

Sample ID: 210817-59

Time Collected: 07:39

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.40 units

Temperature (field): 72 °F

Conductivity (field): 2580 µS/cm

Detergents: 0.6 mg/L


Physical Condition Assessment


Graffiti: None


Erosion: None


Deposition: None Depth (in):


Damage: None ☐ Displacement ☐ Undercut ☐ Crushed☐ Corrosion ☐ Cracks/Structural Damage


Inspection Date: 8/20/2020 8:54:14 AM		Type: Ongoing	Flow: None	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: None		Depth (in):																																
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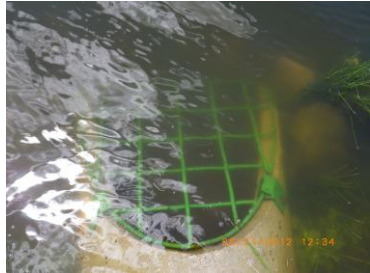
Inspection Date: 10/8/2019 2:11:11 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 48-72																														
Illicit Discharge Potential: Potential		Inspector: JCW																																
Submerged: Partially		Depth (in): 5																																
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Damage:	None																																	
				 o20191008130940.JPG 2019																														

Inspection Date: 10/25/2018 8:41:00 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Potential		Inspector: JCW																																
Submerged: Partially		Depth (in): 5																																
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Damage:	None																																	
				 o20181025083538.JPG 2018																														

Inspection Date: 10/3/2017 9:04:39 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																														
Illicit Discharge Potential: Unlikely		Inspector: JCW																																
Submerged: Partially		Depth (in): 1																																
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				 o20171003090114.JPG 2017																														

Inspection Date: 10/18/2016 7:06:22 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 2																																				
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				 <p style="text-align: center;">o20161018070408.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2016</p>																																		

Inspection Date: 9/28/2015 6:36:00 AM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 72+																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Partially		Depth (in): 3																																				
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Inspection Date: 6/21/2012 12:32:35 PM		Type: Ongoing	Flow: Submerged, indeterminate	Previous Rainfall (hrs): 0-24																																		
Illicit Discharge Potential: Unlikely		Inspector: JCW																																				
Submerged: Fully		Depth (in): 21																																				
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Sampling Results</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Sample Location:</td><td></td></tr> <tr><td>Total Chlorine:</td><td>-- ppm</td></tr> <tr><td>Free Chlorine:</td><td>-- ppm</td></tr> <tr><td>Ammonia:</td><td>-- ppm</td></tr> <tr><td>pH:</td><td>-- units</td></tr> <tr><td>Temperature:</td><td>-- °F</td></tr> <tr><td>Conductivity:</td><td>-- µS/cm</td></tr> <tr><td>Detergents:</td><td>-- mg/L</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Floatables:</td><td>None</td></tr> <tr><td>Odor:</td><td>None</td></tr> <tr><td>Turbidity:</td><td>None</td></tr> <tr><td>Color:</td><td>None</td></tr> <tr><td>Gross Solids:</td><td>None</td></tr> <tr><td>Vegetation:</td><td>None</td></tr> <tr><td>Benthic Growth:</td><td>None</td></tr> <tr><td>Stains:</td><td>None</td></tr> <tr><td>Non-illicit:</td><td>None</td></tr> </table> </div> </div>					Sample Location:		Total Chlorine:	-- ppm	Free Chlorine:	-- ppm	Ammonia:	-- ppm	pH:	-- units	Temperature:	-- °F	Conductivity:	-- µS/cm	Detergents:	-- mg/L	Floatables:	None	Odor:	None	Turbidity:	None	Color:	None	Gross Solids:	None	Vegetation:	None	Benthic Growth:	None	Stains:	None	Non-illicit:	None
Sample Location:																																						
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Temperature:	-- °F																																					
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Detergents:	-- mg/L																																					
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Turbidity:	None																																					
Color:	None																																					
Gross Solids:	None																																					
Vegetation:	None																																					
Benthic Growth:	None																																					
Stains:	None																																					
Non-illicit:	None																																					
		<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Notes</p> <p>Outfall fully submerged; screened upstream at 16-1205 US1.</p> </div> <div style="width: 45%;"> <p>Condition Assessment</p> <table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>Graffiti:</td><td>None</td></tr> <tr><td>Erosion:</td><td>None</td></tr> <tr><td>Deposition:</td><td>None in.</td></tr> <tr><td>Damage:</td><td>None</td></tr> </table> </div> </div>			Graffiti:	None	Erosion:	None	Deposition:	None in.	Damage:	None																										
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None in.																																					
Damage:	None																																					
				 <p style="text-align: center;">o20120621113440.JPG</p> <p style="text-align: center; font-size: 24pt; font-weight: bold;">2012</p>																																		

Non-Priority Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Adjacent Municipality

NR 216 Class:

Major Outfall

Shape:

Pipe - Arch

Material:

CMP

City ID:

N/A

Dimensions

Diameter (in):

Height/Depth (in): 36

Width (in): 49

Mapping Precison:

Mapping GPS

☐ Not Physically Located

o20210831084636.JPG

Outfall Notes:

Drainage channel crosses S Washburn St (south of Allerton Dr) and discharges into IH-41 right-of-way from west. 2 barrels

County Coordinates:

Northing: 466,528

Easting: 781,170

Latitude/Longitude:

Latitude: 43.99929

Longitude: -88.58296

Location Map



Inspection Date: 8/31/2021 8:50:58 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 48-72

Flow Description: Submerged, significant flow

Submerged: Partially Depth (in): 12

Illicit Discharge Potential: Unlikely

Notes: Sample collected from submerged flow in pipe.

Floatables: None

Odor: None

Turbidity: None

Color: None

Gross Solids: None

Vegetation: None

Benthic Growth: Severe

Stains: None

Non-illicit: Moderate

☐ Petrol. Sheen ☐ Suds ☐ Sewage ☐ Algae ☐ Other☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine ☐ Other☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Fragrant☐ Litter ☐ Veg. Debris ☐ Sediment ☐ Other☐ Inhibited ☐ Excessive☒ Green ☐ Brown☐ Flow Line ☐ Oil ☐ Rust Stains☐ Paint ☐ Other☐ Natural Sheen ☒ Natural Suds/Foam

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: Minor ☐ Displacement ☐ Undercut ☐ Crushed☒ Corrosion ☐ Cracks/Structural Damage

o20210831084650.JPG

2021

Sampling Results

Sample Location: Flow

Sample ID: 210831-93

Time Collected: 08:51

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.71 units

Temperature (field): 74 °F

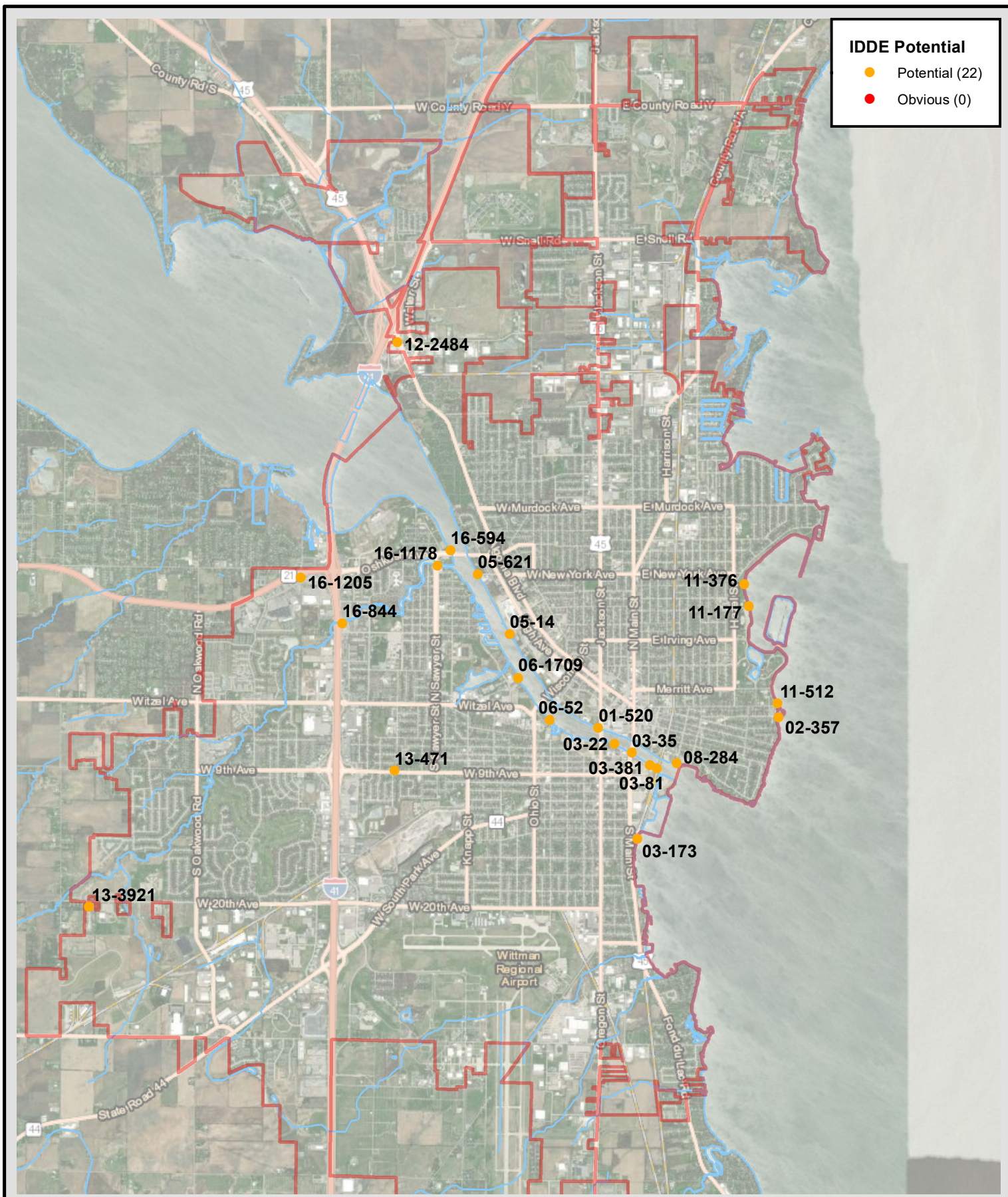
Conductivity (field): 845 µS/cm

Detergents: 0 mg/L

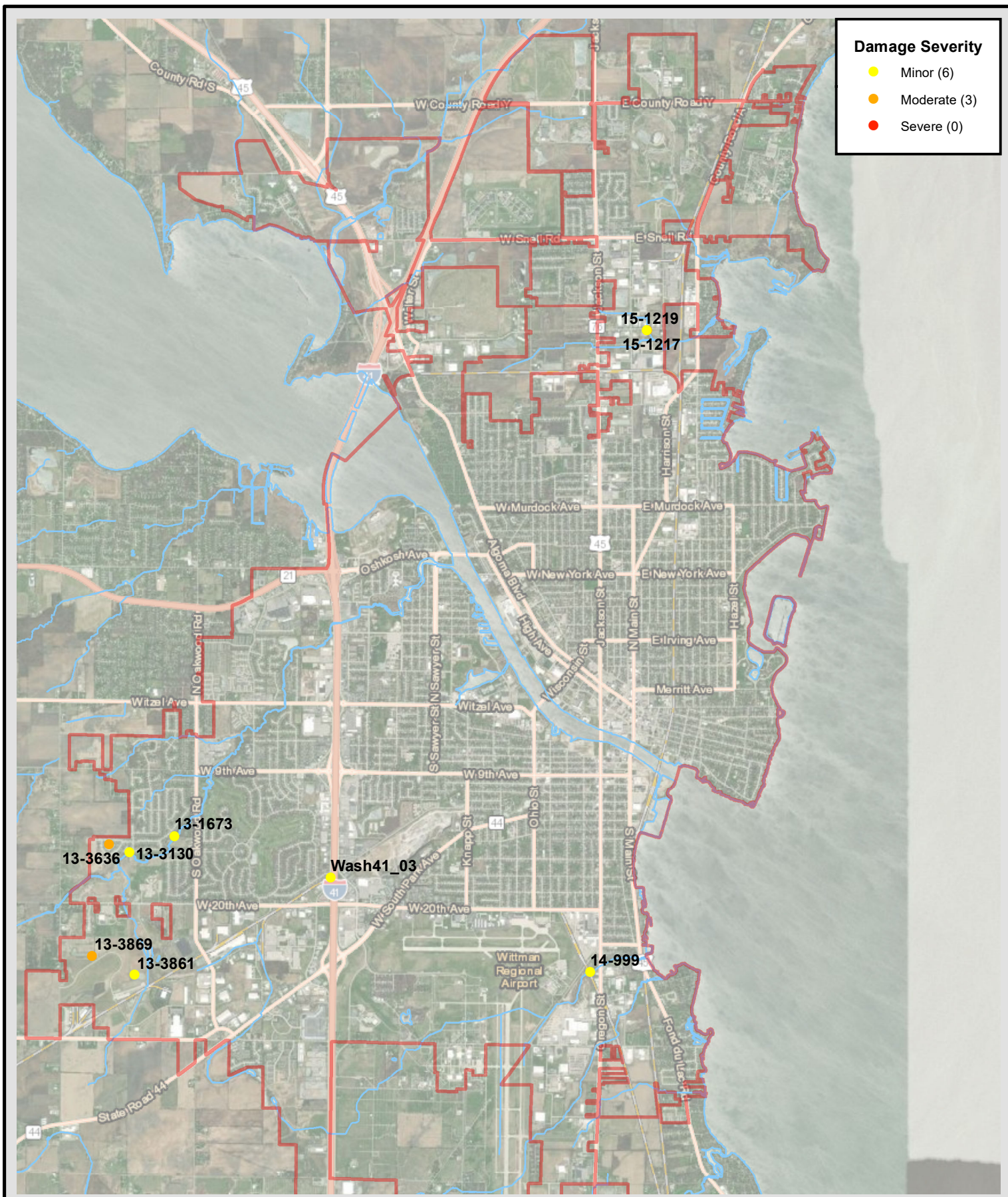
Appendix C

Outfall Condition Summary Maps

- C-1 Outfalls with Potential Illicit Discharges
- C-2 Outfalls with Damage
- C-3 Outfalls with Deposition
- C-4 Outfalls with Erosion
- C-5 Outfalls with Graffiti



 <p>Westwood 1 Systems Drive Appleton, WI 54914 (920) 735-6900 www.westwoodps.com</p>		2021 IDDE ONGOING SCREENING PROGRAM OUTFALLS WITH POTENTIAL ILLICIT DISCHARGES CITY OF OSHKOSH WINNEBAGO COUNTY, WISCONSIN		Project Manager: Project Engineer: Drawn By: JCW Checked By:	SCALE: 1" = 5,047'
					PROJECT NO. R3000958.00
				Date: 12/11/2020	FIGURE NO. C-1



Damage Severity

- Minor (6)
- Moderate (3)
- Severe (0)

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2021 IDDE ONGOING SCREENING PROGRAM OUTFALLS WITH DAMAGE

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/13/2021

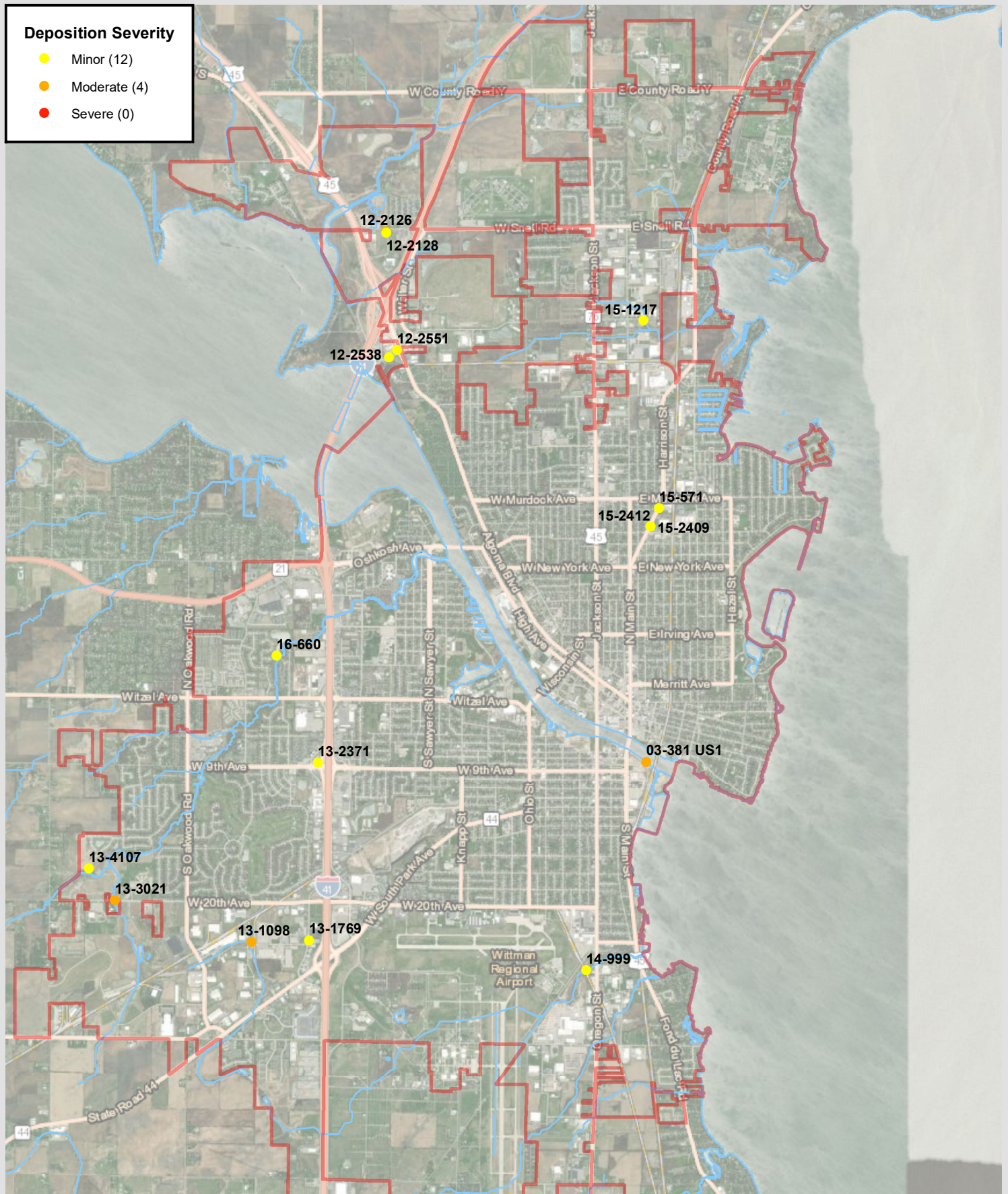
SCALE:
1" = 7,000'

PROJECT NO.
R3000958.00

FIGURE NO.
C-2

Deposition Severity

- Minor (12)
- Moderate (4)
- Severe (0)



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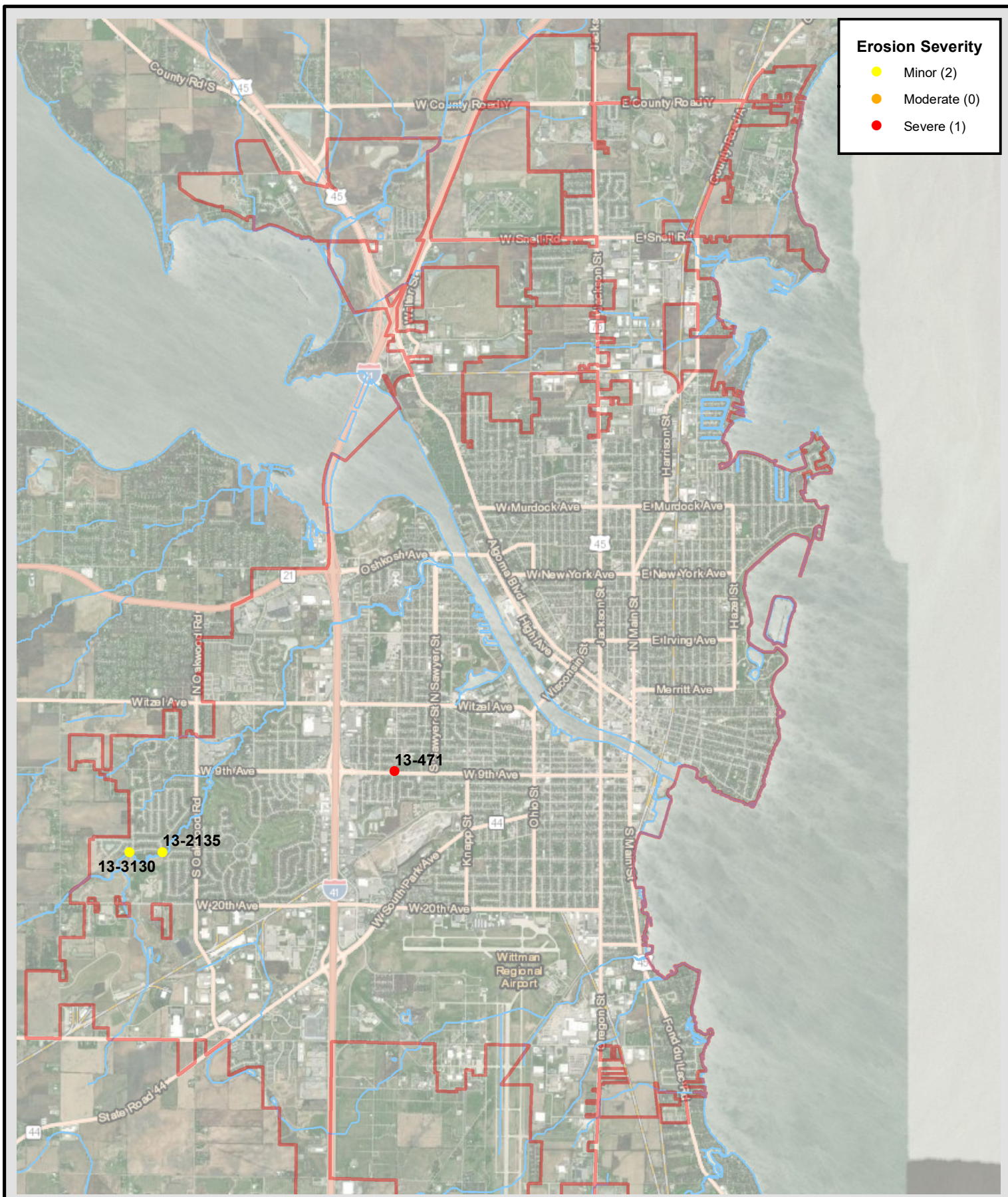
2021 IDDE ONGOING SCREENING PROGRAM OUTFALLS WITH DEPOSITION

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/13/2021

SCALE:
1" = 7,000'
PROJECT NO.
R3000958.00
FIGURE NO.
C-3



Erosion Severity

- Minor (2)
- Moderate (0)
- Severe (1)

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2021 IDDE ONGOING SCREENING PROGRAM OUTFALLS WITH EROSION

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

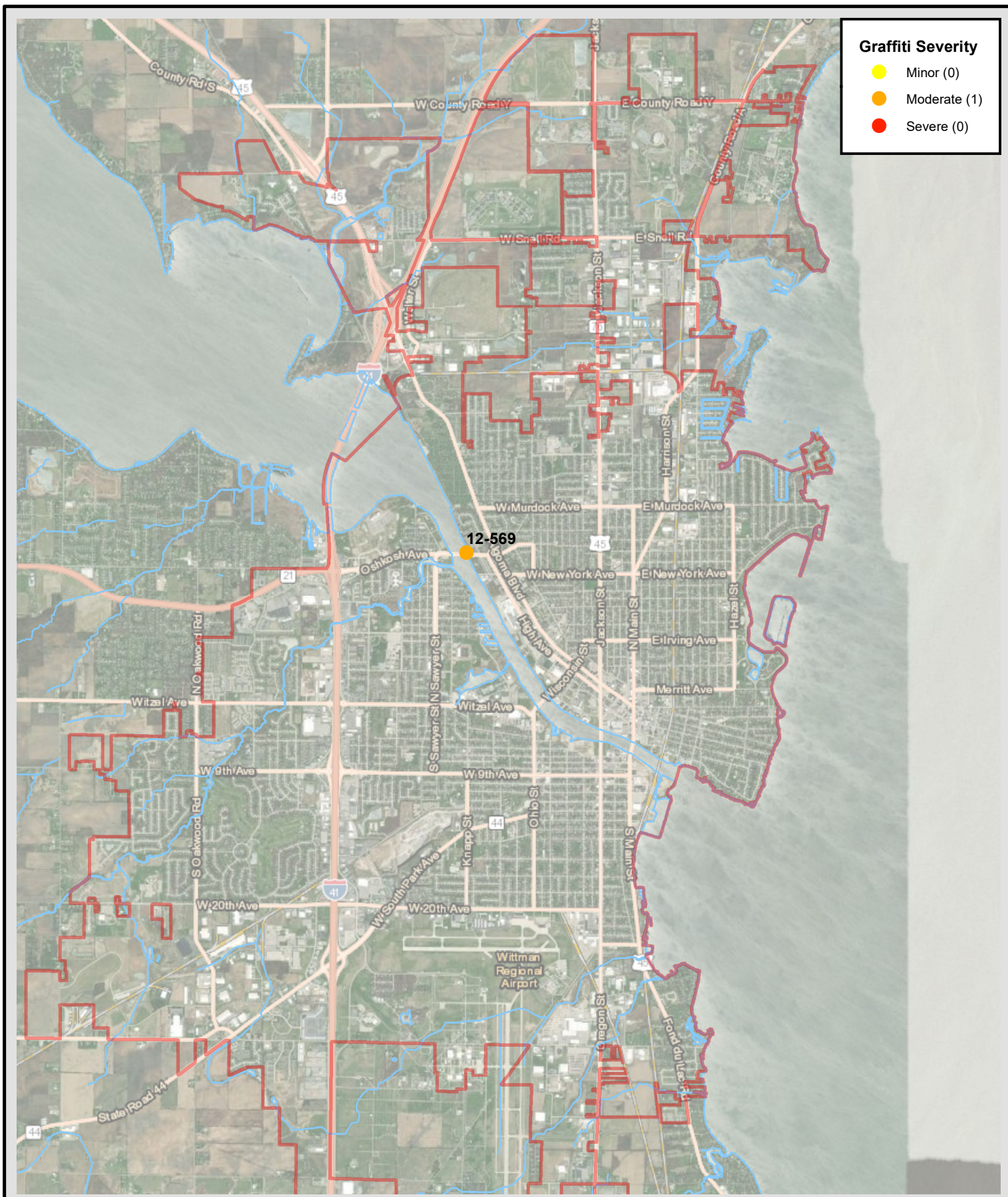
Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/13/2021

SCALE:
1" = 7,000'

PROJECT NO.
R3000958.00

FIGURE NO.
C-4



Graffiti Severity

- Minor (0)
- Moderate (1)
- Severe (0)

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2021 IDDE ONGOING SCREENING PROGRAM OUTFALLS WITH GRAFFITI

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:
Date: 12/11/2020

SCALE:
1" = 7,000'

PROJECT NO.
R3000958.00

FIGURE NO.
C-5

Appendix D

Additional Information for Outfalls with Potential Illicit Discharges

Upstream Manholes with Significant Floatable Debris
Area Maps for Outfalls with Potential Illicit Discharges

Jason Weis

From: Jason Weis
Sent: Tuesday, September 7, 2021 2:54 PM
To: Gabriliska, Dan
Cc: James Rabe (jrabe@ci.oshkosh.wi.us); Brian Wayner
Subject: 2021 IDDE screening results

I was able to finish the 2021 IDDE outfall screening last week. There were no obvious ongoing illicit discharges. As in previous years, several upstream manholes had significant amounts of gross solids (garbage) in them and will likely be classified as "potential" illicit discharges; however, many of them had less debris than in previous years. Six outfalls/manholes had detergent detections during their initial screenings. All of these outfalls were re-screened on 8/31 (along with additional upstream locations, in order to isolate branches), but none of the re-screens had any detergent, so no additional tracking could be conducted.

The outfalls with detergent detections are summarized below:

Outfall ID	Location	Screening Date	Detergent (mg/L)	Re-screen Date	Detergent (mg/L)
16-1205	Washburn / Westowne pond (NE corner)	8/17/2021	0.6	8/31/2021	0
16-844	N Koeller St (Los Riveras restaurant)	8/17/2021	0.65	8/31/2021	0
06-1709	N Campbell Rd / Seniors Center North (WWTP effluent)	8/17/2021	0.4	8/31/2021	0
12-2484	Algoma Blvd (pond outlet, south of off-ramp)	8/17/2021	0.8	8/31/2021	0
13-3921	Morningstar Ln pond inlet	8/23/2021	0.9	8/31/2021	0
13-471	W 9 th Ave / Armory Pl (branch from Armory pond)	8/23/2021	1.0	8/31/2021	0

Four of the outfalls are classified as Priority outfalls, so they will automatically be rescreened next year. The other two outfalls (12-2484 and 13-3921) would not normally be screened in 2022, but they will be added to the 2022 list to see if the detergent is again present.

I will be preparing the individual outfall reports and the overall summary report in the upcoming weeks. If you have any questions in the meantime, please let me know.

Jason Weis, P.E., GISP

Project Manager

jason.weis@westwoodps.com

direct (920) 830-6106
main (920) 735-6900

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One Systems Drive
Appleton, WI 54914

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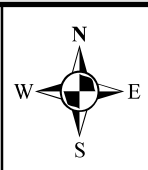
Gross Solids

- Minor (0)
- Moderate (13)
- Severe (3)

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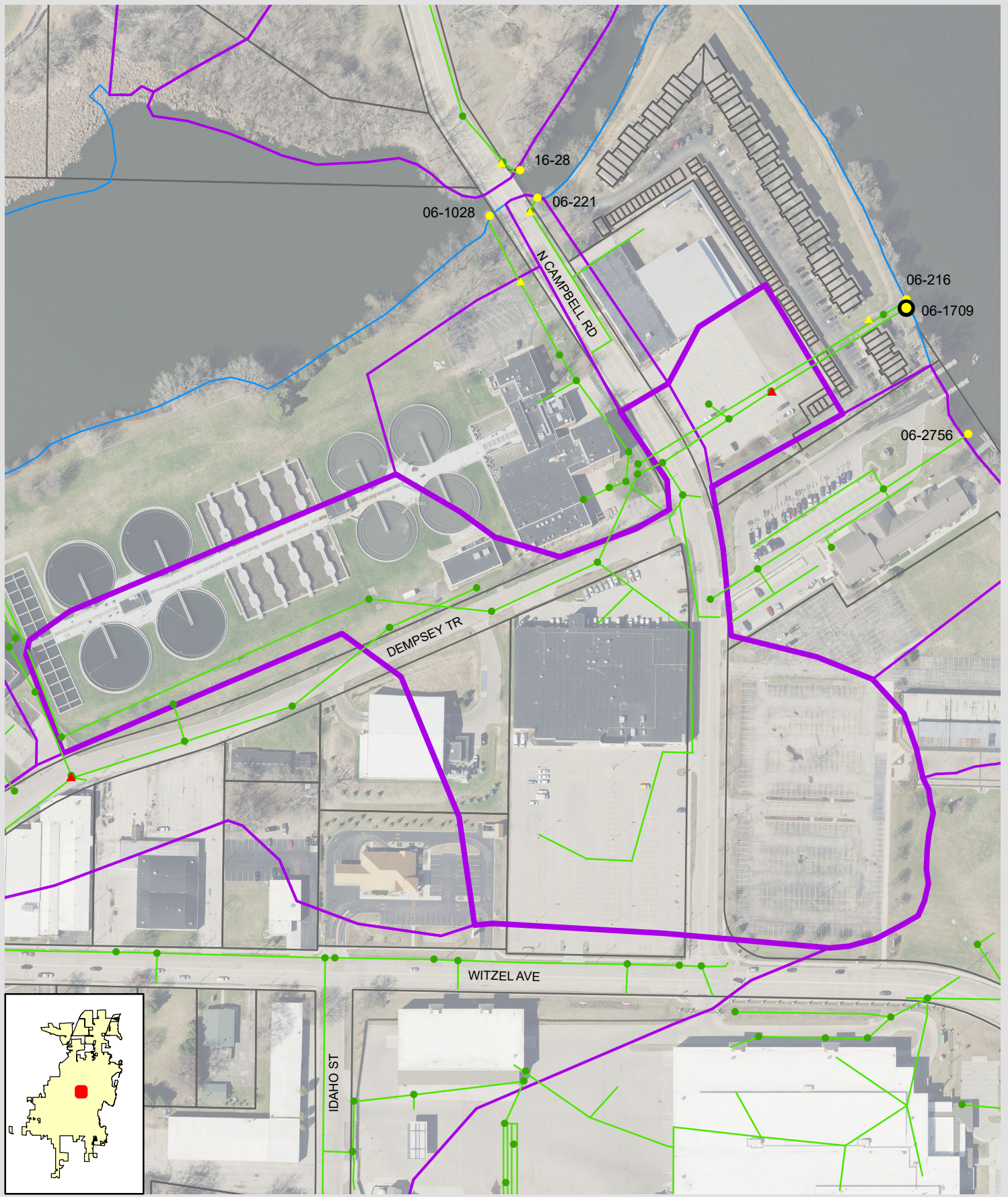


2021 IDDE ONGOING SCREENING PROGRAM

MANHOLES WITH FLOATABLE GROSS SOLIDS

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

Project Manager:	SCALE: 1" = 1,932'
Project Engineer:	PROJECT NO. R3000958.00
Drawn By: JCW	FIGURE NO. D-1
Checked By:	
Date: 12/11/2020	



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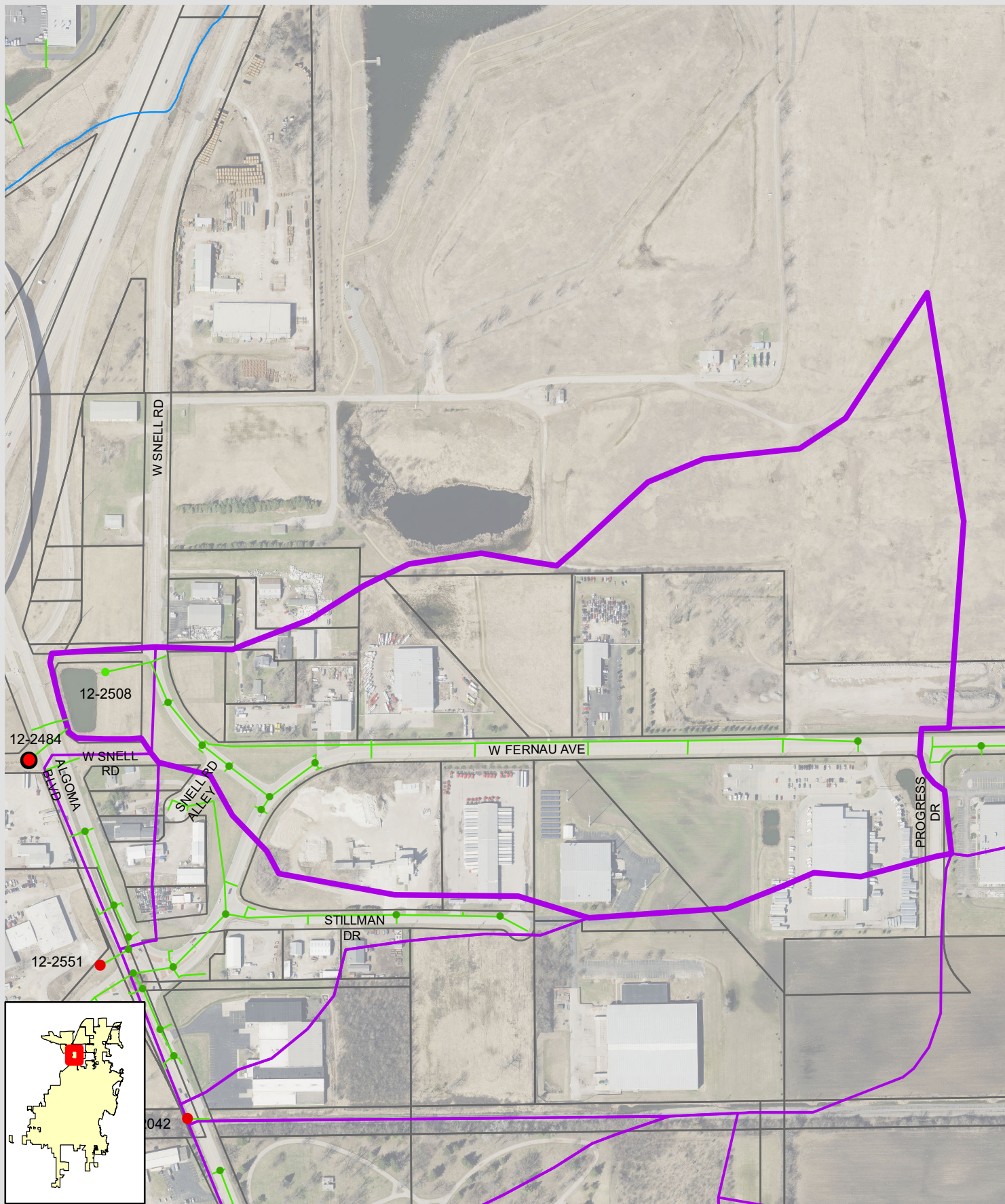
2021 IDDE ONGOING SCREENING PROGRAM AREA MAP - OUTFALL 06-1709

CITY OF OSHKOSH
 WINNEBAGO COUNTY, WISCONSIN

Project Manager:
 Project Engineer:
 Drawn By: JCW
 Checked By:

Date: 12/14/2021

SCALE:
 1" = 218'
 PROJECT NO.
R3000958.00
 FIGURE NO.
D-2



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2021 IDDE ONGOING SCREENING PROGRAM AREA MAP - OUTFALL 12-2484

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

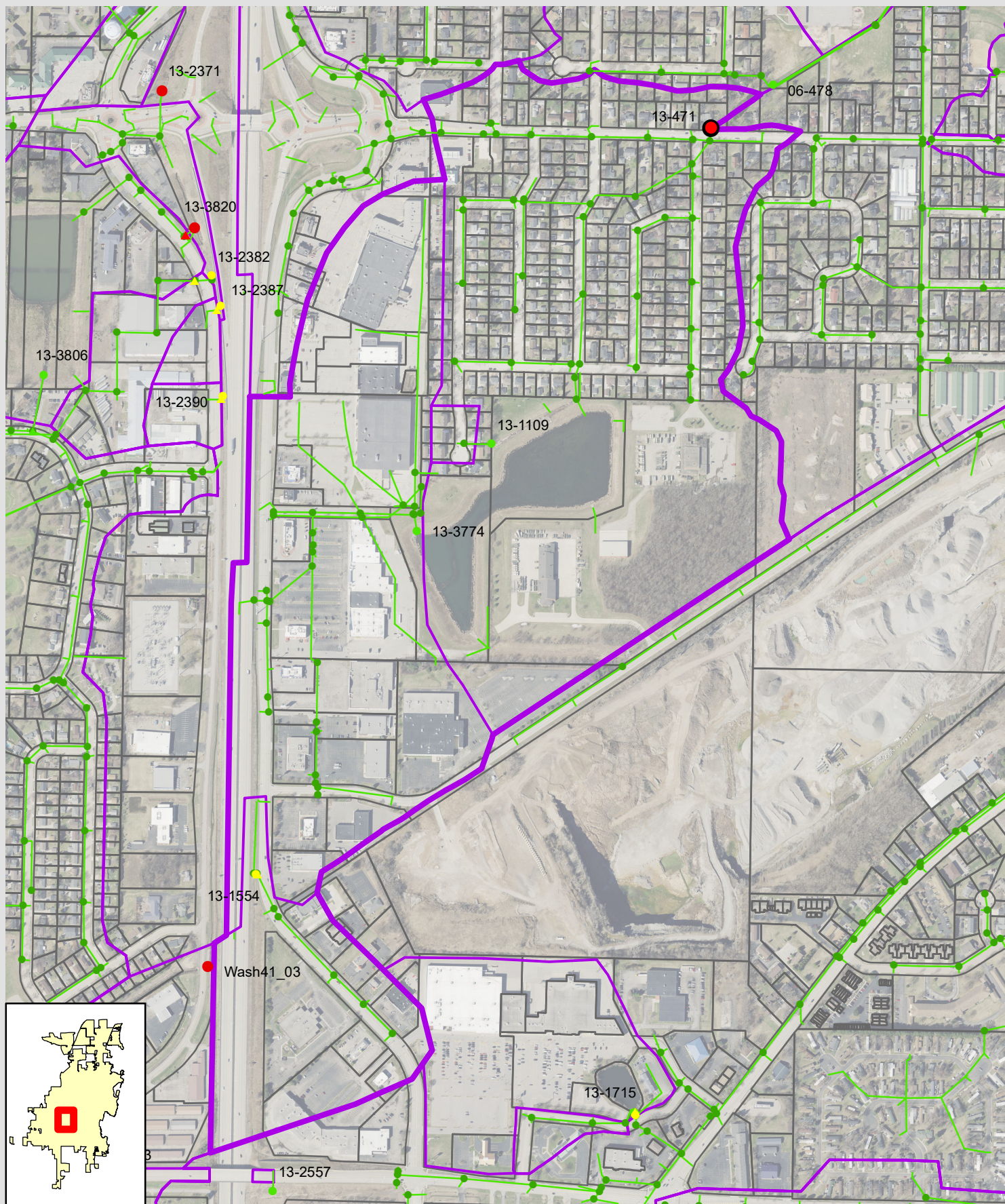
Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/14/2021

SCALE:
1" = 463'

PROJECT NO.
R3000958.00

FIGURE NO.
D-3



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2021 IDDE ONGOING SCREENING PROGRAM AREA MAP - OUTFALL 13-471

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

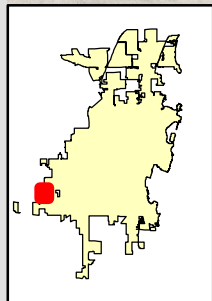
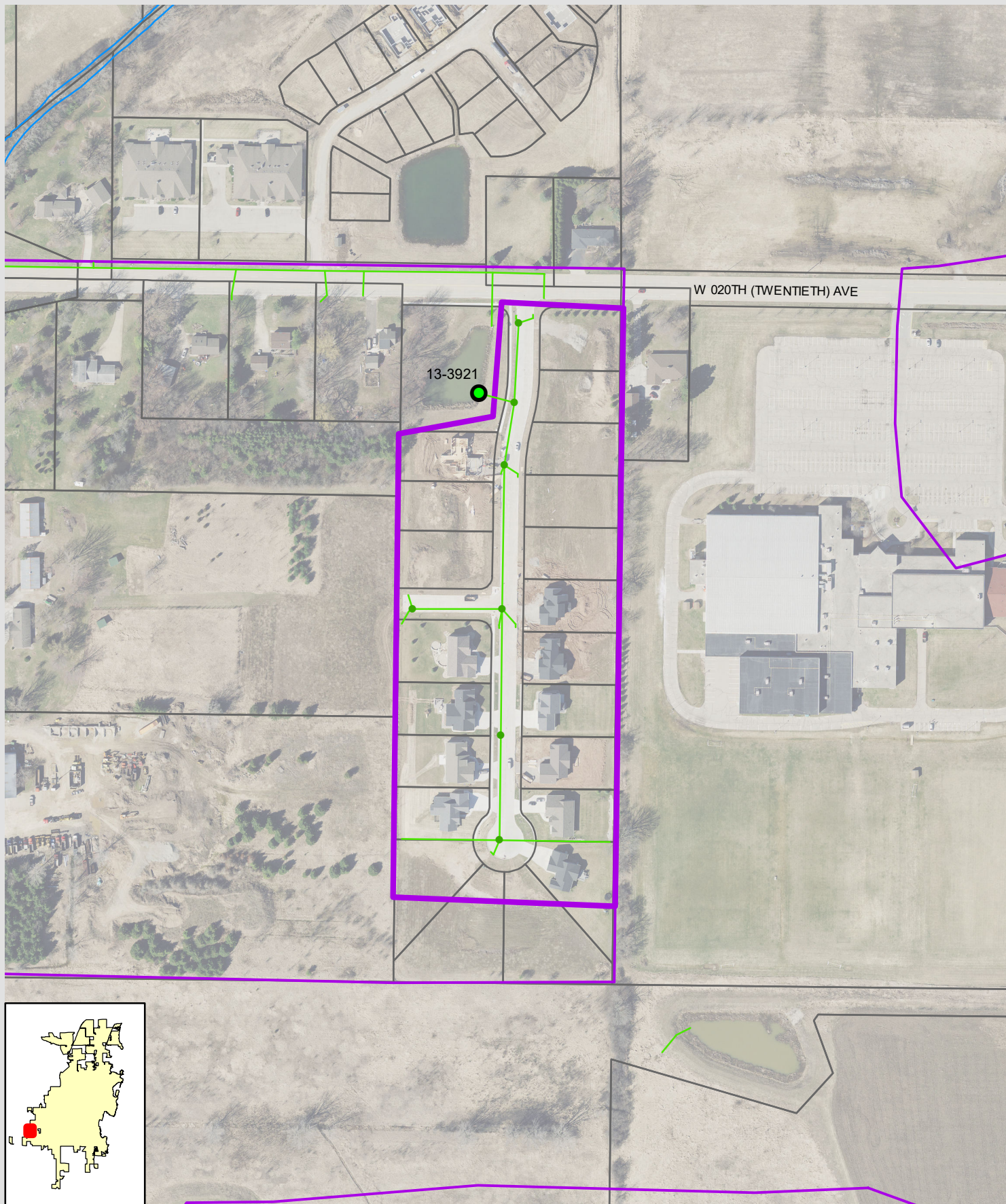
Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/14/2021

SCALE:
1" = 649'

PROJECT NO.
R3000958.00

FIGURE NO.
D-4



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**2021 IDDE ONGOING SCREENING PROGRAM
AREA MAP - OUTFALL 13-3921**

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

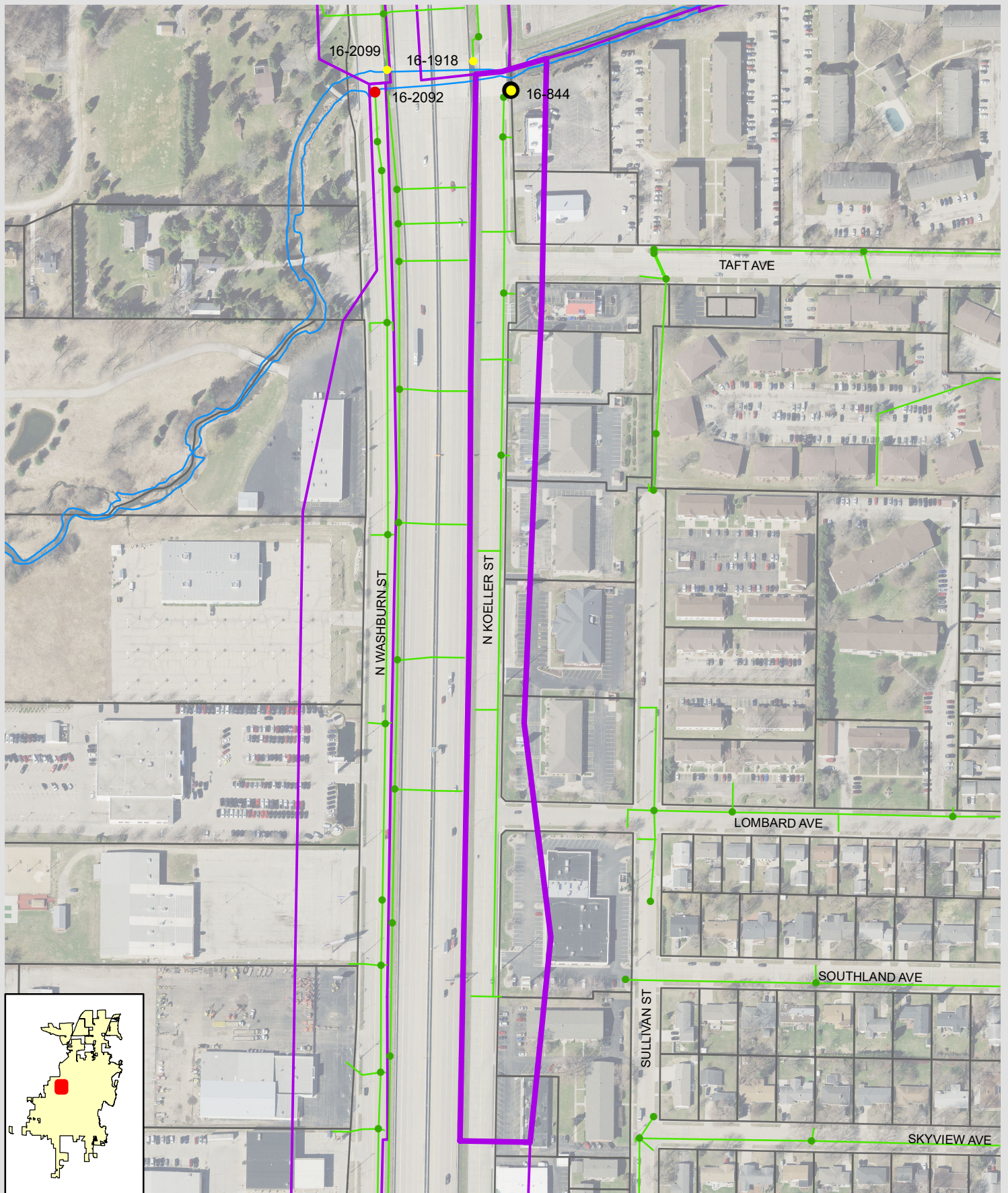
Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/14/2021

SCALE:
1" = 249'

PROJECT NO.
R3000958.00

FIGURE NO.
D-5



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2021 IDDE ONGOING SCREENING PROGRAM AREA MAP - OUTFALL 16-844

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

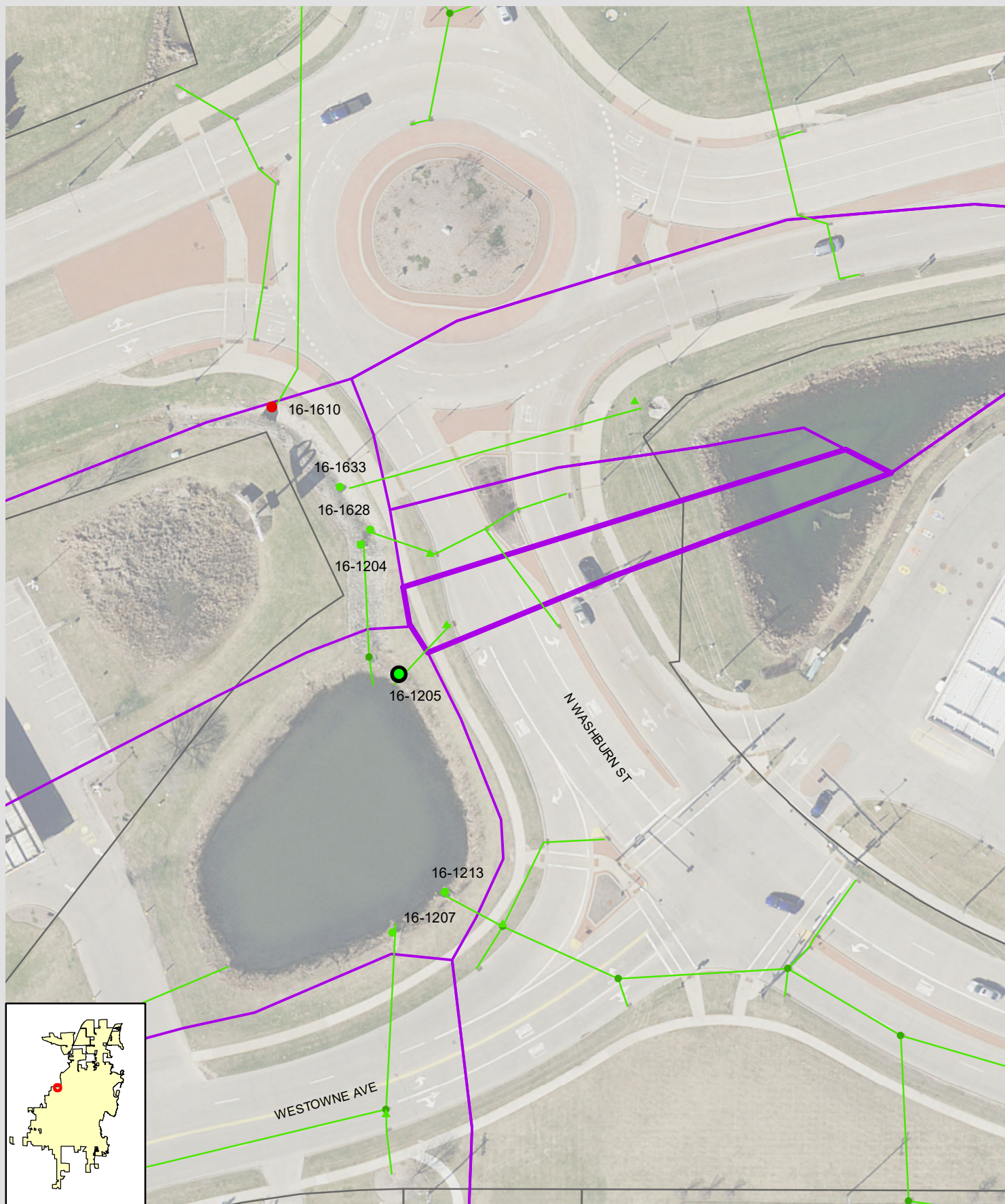
Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/14/2021

SCALE:
1" = 267'

PROJECT NO.
R3000958.00

FIGURE NO.
D-6



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2021 IDDE ONGOING SCREENING PROGRAM **AREA MAP - OUTFALL 16-1205**

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

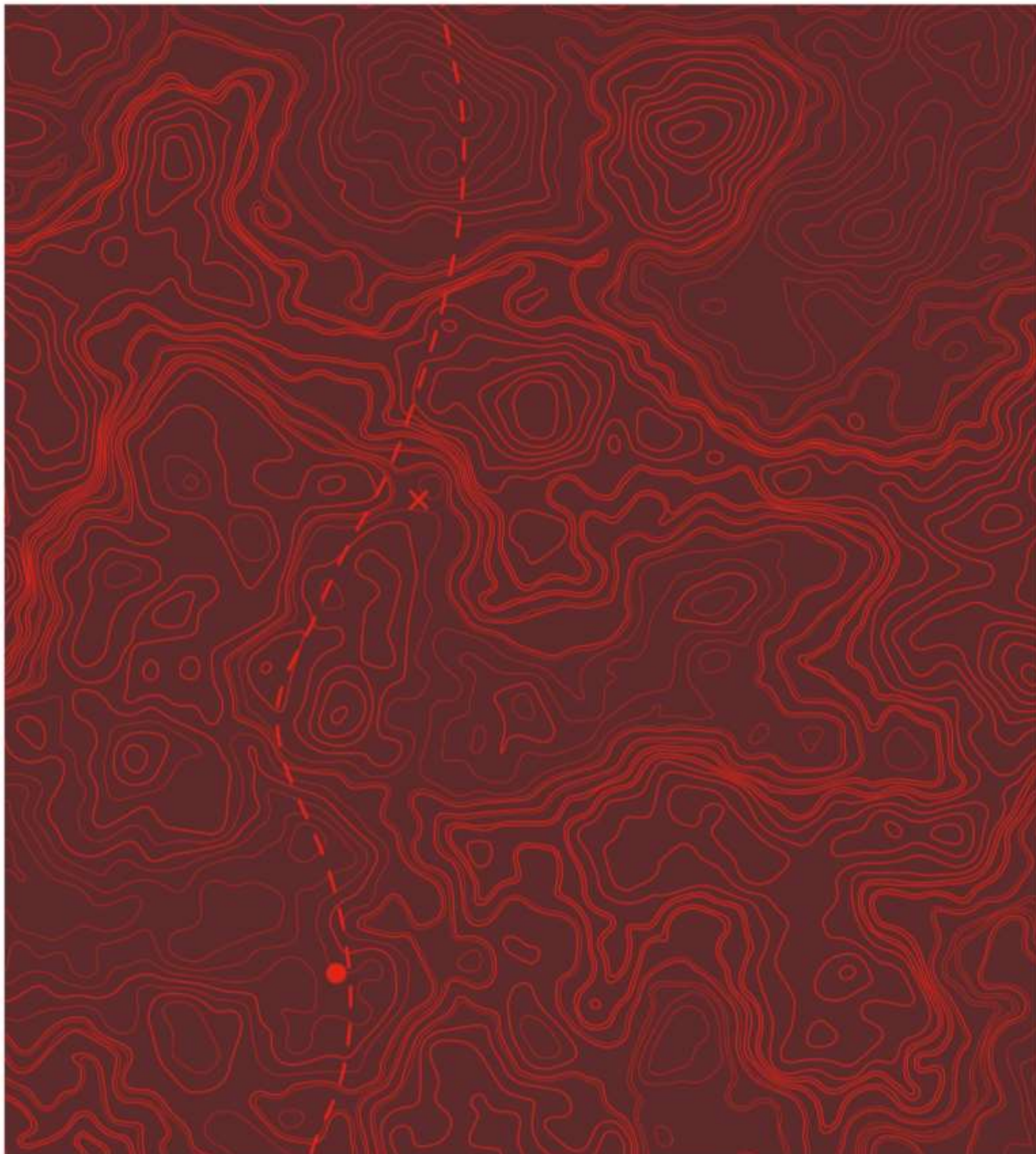
Project Manager:
Project Engineer:
Drawn By: JCW
Checked By:

Date: 12/14/2021

SCALE:
1" = 67'

PROJECT NO.
R3000958.00

FIGURE NO.
D-7



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