

Ongoing Screening Summary Report 2010 Inspection Year

Illicit Discharge Detection and Elimination Program

City of Oshkosh

March 28, 2011

OMNNI Project No. N2029B10

ENGINEERING • ARCHITECTURE • ENVIRONMENTAL



Illicit Discharge Detection and Elimination
Conducted For
City of Oshkosh

Ongoing Screening Summary Report

2010 Inspection year

Prepared by:

OMNNI Associates, Inc.
One Systems Drive
Appleton, WI 54914-1654
(T) 920/735-6900
(F) 920/830-6100
www.omnni.com

March 28, 2011

Table of Contents

EXECUTIVE SUMMARY	1
BACKGROUND	1
PURPOSE	1
OUTFALL IDENTIFICATION AND MAPPING	1
INITIAL SCREENING PROGRAM.....	2
DEVELOPMENT OF ONGOING SCREENING PROGRAM	2
SCREENING METHODOLOGY	3
GENERAL OBSERVATIONS	4
WEATHER	4
SUBMERGED OUTFALLS	6
FLOW.....	7
CHEMICAL ANALYSIS.....	8
POTENTIAL ILLICIT DISCHARGES	9
UPSTREAM MANHOLES WITH SIGNIFICANT FLOATABLE DEBRIS	10
UPSTREAM MANHOLES WITH OIL SHEEN.....	20
OUTFALL 14-676 (WAUKAU AVENUE CULVERT)	21
OUTFALL CONDITION ASSESSMENTS	22
GRAFFITI.....	22
DAMAGE	22
EROSION.....	25
DEPOSITION	25
CONCLUSION	28
STANDARD OF CARE	29

List of Appendices

MS4 OUTFALL MAP	A
2010 ONGOING SCREENING DISTRICT MAP	B
2010 OUTFALL INSPECTION REPORTS	C
LOCATIONS OF OUTFALLS WITH POTENTIAL ILLICIT DISCHARGES	D
LOCATIONS OF OUTFALLS WITH DAMAGE	E
LOCATIONS OF OUTFALLS WITH DEPOSITION.....	F
LOCATIONS OF UPSTREAM MANHOLES WITH FLOATABLE DEBRIS.....	G
OUTFALL 14-676 (WAUKAU AVENUE CULVERT) INVESTIGATION	H

List of Tables

Table 1 - Non-submerged flow observations	7
Table 2 - Ammonia detections.....	9
Table 3 - Outfalls with elevated illicit discharge classifications	10
Table 4 - Upstream manholes with significant floatable debris	11

List of Figures

Figure 1 - Summer 2010 Weather History	5
Figure 2 - Rainfall history and outfall inspections	6
Figure 3 - Submerged outfall summary	6
Figure 4 - Non-submerged flow intensity summary	7
Figure 5 - Flow characteristic of submerged outfalls	8
Figure 6 – Severe floatables in manhole 01-132 US1	12
Figure 7 – Moderate floatables in manhole 03-173 US2	12
Figure 8 – Severe floatables in catchbasin 03-22 US1	12
Figure 9 – Severe floatables in manhole 03-35 US1	13
Figure 10 – Moderate floatables in curb inlet 03-381 US1	13
Figure 11 – Moderate floatables in manhole 03-81 US1	13
Figure 12 – Moderate floatables in manhole 05-264 US1	14
Figure 13 – Moderate floatables in curb inlet 06-1694 US1	14
Figure 14 – Moderate floatables in manhole 06-221 US1	14
Figure 15 – Severe floatables in manhole 06-52 US1	15
Figure 16 – Severe floatables in manhole 08-284 US1	15
Figure 17 – Severe floatables in manhole 08-347 US1	15
Figure 18 – Moderate floatables in manhole 09-101c US1	16
Figure 19 – Severe floatables in manhole 12-569 US1	16
Figure 20 – Moderate floatables in curb inlet 14-1075 US1	16
Figure 21 – Moderate floatables in curb inlet 16-142 US1	17
Figure 22 – Moderate floatables in catchbasin 16-201 US1	17
Figure 23 – Moderate floatables in manhole 16-396 US1	17
Figure 24 – Moderate floatables in manhole 16-436 US1	18
Figure 25 – Moderate floatables in manhole 16-463 US1	18
Figure 26 – Moderate floatables in manhole 16-533 US1	18
Figure 27 – Moderate floatables in manhole 16-551 US1	19
Figure 28 – Severe floatables in manhole 01-520 US1	19
Figure 29 – Slight oil sheen in curb inlet 03-381 US1	20
Figure 30 – Slight oil sheen in inlet 12-890 US1	20
Figure 31 – Slight oil sheen in curb inlet 16-119 US1	21
Figure 32 - Suds in receiving stream for outfall 14-676	21
Figure 33 – Rusted/broken bolts at upstream manhole 03-173 US1 (moderate damage)	23
Figure 34 – Minor corrosion at outfall 03-293 (minor damage)	23
Figure 35 – Damaged rings at upstream manhole 03-306 US1 (minor damage)	23
Figure 36 – Upstream manhole 08-100 US1 removed during reconstruction (major damage)	24
Figure 37 – Debris inside upstream catchbasin 12-890 US1 (minor damage)	24
Figure 38 – Stuck lid at upstream manhole 12-972 US1	24
Figure 39 – Corrosion and crushed CMP at outfall 15-1093 (minor damage)	25
Figure 40 – Broken grate at upstream catchbasin 16-873 US1 (minor damage)	25
Figure 41 - Moderate deposition (4”) in catchbasin 01-318 US1	26
Figure 42 - Minor deposition (1”) in manhole 01-360 US2	26
Figure 43 - Moderate deposition (12”) in manhole 01-380 US1	26
Figure 44 - Moderate deposition (3”) at outfall 03-392	27
Figure 45 - Minor deposition (2”) in inlet 06-1694 US1	27
Figure 46 - Moderate deposition (8”) in inlet 14-1075 US1	27
Figure 47 - Minor deposition (3”) in manhole 16-164 US1	28
Figure 48 - Minor deposition (1”) in manhole 16-362 US1	28
Figure 49 - Illicit discharge potential	29

EXECUTIVE SUMMARY

During the summer of 2010, OMNNI Associates, Inc. (OMNNI) assisted the City of Oshkosh with inspecting outfalls of the City's municipal separate storm sewer system (MS4) for potential illicit discharges. Following the Illicit Discharge Ongoing Inspection Program that was developed in 2009, OMNNI inspected 93 of the approximately 348 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 26 outfalls with evidence of potential illicit discharges, mostly upstream manholes with significant floatable debris. The Ongoing Screening Program calls for approximately 90 outfalls to be inspected in 2011, 82 outfalls to be inspected in 2012, and 86 outfalls to be inspected in 2013 before repeating the inspection cycle.

BACKGROUND

Purpose

Under Section 2.3.3 of the Wisconsin Pollutant Discharge Elimination System (WPDES) Permit No. WI-S050075-1 ("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.

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 county or state right-of-way.

OMNNI assisted the City of Oshkosh with developing a four-year ongoing screening program in 2009, and completed the ongoing screening program for the first set of outfalls in 2010. The results of this first year of ongoing field screening are summarized in this report. The City should include these results in the annual report required by the MS4 permit due March 31, 2011.

Outfall Identification and Mapping

In 2009, the City of Oshkosh identified major and minor outfalls within the city as part of the MS4 mapping process required by the permit. Outfalls were identified at the locations where the City's MS4 discharged to a water of the state, to an adjacent municipality, or outside the permitted area. Approximately 348 potential outfalls were identified during this process in 2009.

Topographic information was also used to define approximate drainage basins for each outfall. Based on this information, each outfall was 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 single pipe with an inside diameter of 12 inches or more or equivalent conveyance (cross sectional area of 113 square inches) which receives storm water runoff from land zoned for industrial activity 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.”

When necessary, field verification was used to determine outfall sizes or drainage patterns. The current outfall map includes 108 major outfalls and 240 minor outfalls. A map showing the MS4 outfalls is included in Appendix A.

Initial Screening Program

Per Section 2.3.2 of the MS4 general permit, the City was required to conduct an initial field screening at all major outfalls during dry weather periods. This initial field screening was required to be conducted within 36 months of the date that the permit was issued. The minor outfalls are included in the ongoing field screening to be conducted in future years.

OMNNI conducted the initial field screening for the City of Oshkosh during the summer of 2009. During the initial field screening, 109 major outfalls throughout the City were inspected. The initial field screening revealed 24 major outfalls that showed evidence of a potential illicit discharge. The results of the initial field screening were presented to the City in the **CITY OF OSHKOSH INITIAL SCREENING SUMMARY REPORT** (May 18, 2010).

Development of Ongoing Screening Program

Section 2.3.3 of the MS4 permit requires municipalities to develop an ongoing screening program and submit it to the WDNR within 36 months of the date that the permit was issued. Based on verbal guidance from the WDNR, the ongoing screening program should include provisions to inspect all outfalls (major and minor) at least once during the 5-year permit cycle. In developing the program, consideration was given to the hydrological conditions, total drainage area, population density, traffic density, age of the structures or buildings in the area, history of the area, and land use types.

Based on the MS4 permit requirements and other information obtained from WDNR, OMNNI developed a proposed ongoing screening program for the City of Oshkosh. The permitted area was divided into four inspection districts, each with approximately the same number of outfalls. One district would be inspected each year, resulting in a four-year inspection cycle. At the end of the first inspection cycle, the inspection results will be evaluated to determine if the inspection cycle for each outfall should be adjusted.

The proposed ongoing screening program was presented to the City in the **CITY OF OSHKOSH ILDE ONGOING FIELD SCREENING PROGRAM** (May 19, 2010). OMNNI inspected the outfalls in the 2010 inspection district during the summer 2010, and the results are included in this report. The 2010 inspection district is shown in more detail in Appendix B.

Screening Methodology

OMNNI's outfall screening methodology loosely follows the procedures outlined in **ILICIT 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.

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, 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.

The MS4 permit specifies that the outfalls be screened during periods of dry weather. OMNNI generally waits for a minimum of 72 hours following a runoff-producing rainfall event to conduct the outfall screening. This allows sufficient time for the stormwater to discharge through the drainage area and outfall. If, after 72 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:

- Temperature
- pH
- Chlorine (total chlorine and free chlorine)
- Copper
- Ammonia
- Detergents
- Phenols (for outfalls in basins with industrial sources)

The list of chemical parameters was developed using the parameters that were required for the initial field screening in the MS4 permit, and supplemented with additional parameters that are useful for tracking illicit discharges.

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 water is “backed up” into the discharging pipe or channel, and is not free-flowing. 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, OMNNI developed a sampling procedure that was approved by WDNR. If it can be located and accessed, 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 impact of the receiving water. In the event that there is no water – flowing or pooled – 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. OMNNI 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 explicitly required by the MS4 permit, OMNNI 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.

GENERAL OBSERVATIONS

Detailed inspection reports for each outfall are included in Appendix C. Some general observations from the field screening are noted below.

Weather

2010 set a new record for the wettest summer in Wisconsin. The significant amount of rainfall during the summer of 2010 complicated the outfall screening process. While the impact on outfalls connected to grass swales (road ditches) was negligible, pipe outfalls were affected. Even after waiting 72 hours after the rainfall event, many pipe outfalls were likely still flowing due to increased sump pump activity and above-normal detention pond levels.

Weather data was obtained from the Weather Underground website. Personal weather station KWIOSHKO4 (“Winnebago, Oshkosh, Wisconsin”) is located near the intersection of CTH A and Butler Avenue, near the Winnebago County Mental Health Institute. The conditions at this weather station were considered representative of the weather in the City of Oshkosh. The weather history from May 1 through October 25 is shown in Figure 1:

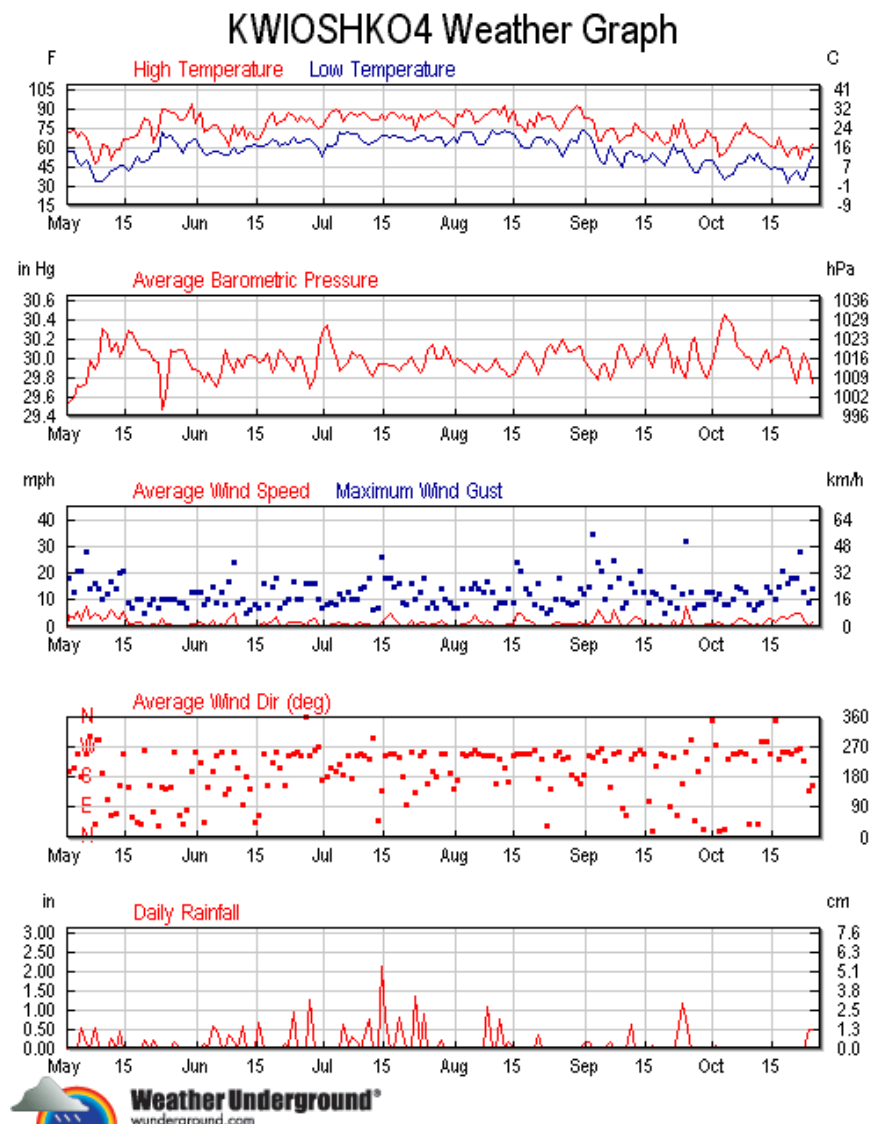


Figure 1 - Summer 2010 Weather History

Outfall inspections were conducted in the City of Oshkosh on August 17-19, 25-26, and October 20, 2010. Those inspection dates (red bars), along with the daily rainfall history (blue bars), are shown in Figure 2.

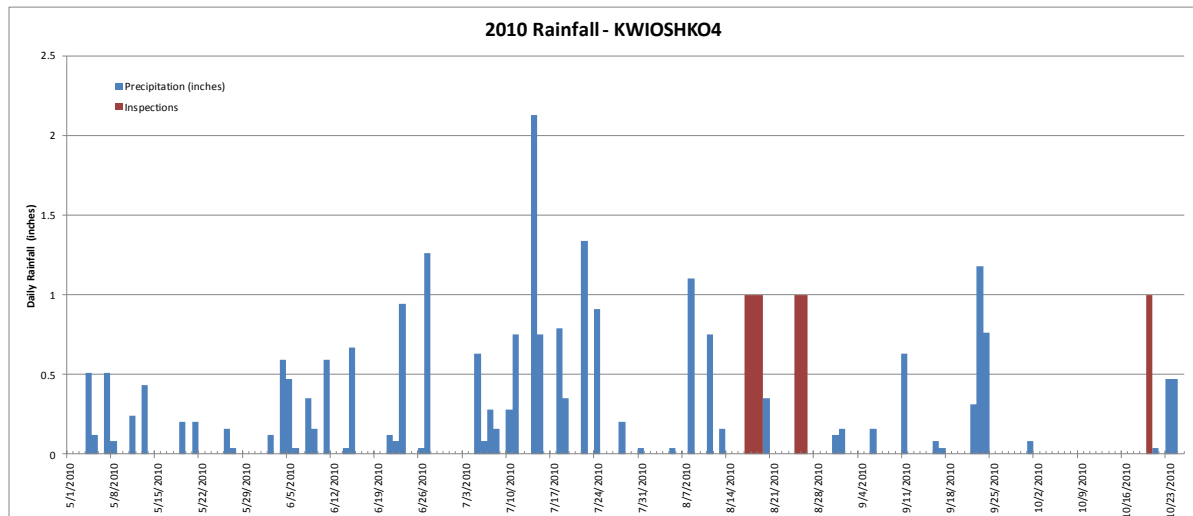


Figure 2 - Rainfall history and outfall inspections

Submerged Outfalls

During 2010, most of the outfalls in the City were located at or below the normal levels of their respective receiving waters. 77 of the 93 inspected outfalls were fully submerged, and 71 of these could not be located from the shoreline. 14 outfalls were partially submerged.

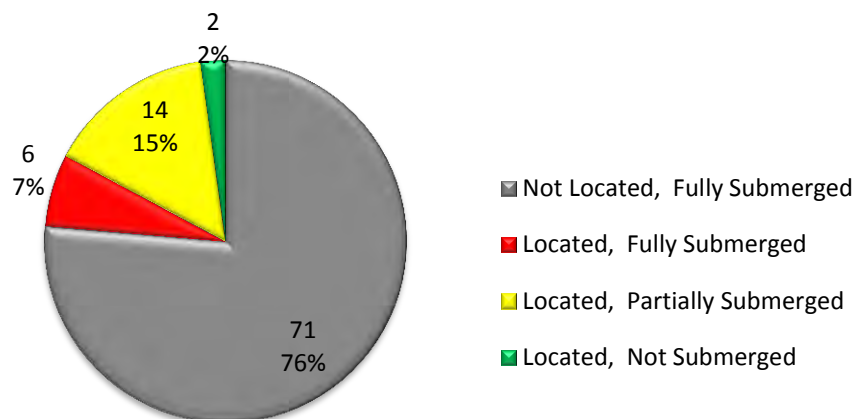


Figure 3 - Submerged outfall summary

If an outfall was fully submerged and not located, the illicit discharge screening was conducted at the first accessible upstream location, which was typically a manhole, catchbasin or curb inlet. The outfall reports for these non-located outfalls include a note that specifies that the GPS location of these outfalls is approximate, and the physical data for the outfall (shape, size, material, etc.) was based on the available MS4 mapping.

Flow

To meet the requirement of dry weather screening, outfalls were typically screened at least 72 hours after the previous rainfall event. However, because most of the storm sewer outfalls in the 2010 inspection area were partially or fully submerged, most of the outfalls were not free-flowing. Only two outfalls were not partially or fully submerged – 03-392 and 14-676. The flow intensity at the time of inspection for each of these outfalls is shown below.

Outfall	Flow Rate
03-392	No Flow
14-676	Moderate Flow

Table 1 - Non-submerged flow observations

The distribution of the flow intensity of non-submerged outfalls is shown in Figure 4:

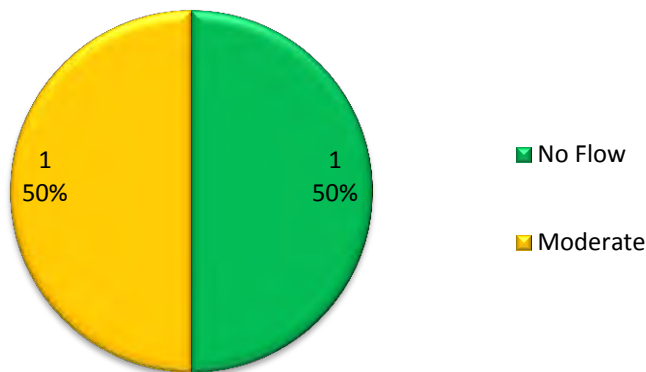


Figure 4 - Non-submerged flow intensity summary

For the fully and partially submerged outfalls, the flow was characterized as “indeterminate” if it was not possible to determine the presence or absence of flow. Otherwise, the flow was characterized as “no flow,” “slight flow” or “significant flow.”

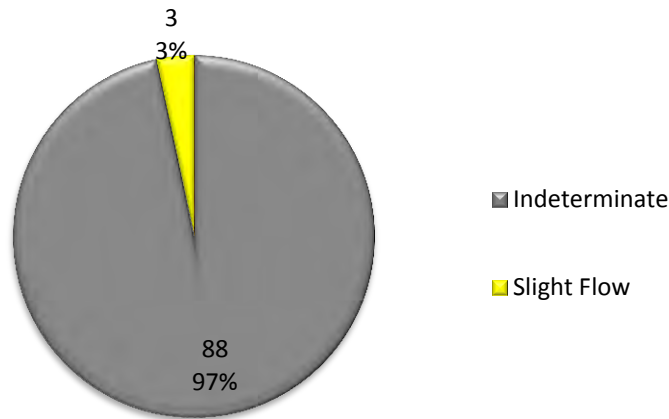


Figure 5 - Flow characteristic of submerged outfalls

If dry weather flow was found during the field screening, a sample was collected and analyzed for the presence of indicator parameters. Samples were also collected from the pools in the upstream structures of submerged outfalls. 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 flow was likely from sump pump discharges, stormwater pond overflows, and infiltration.

Chemical Analysis

Flow samples were collected at all outfalls that exhibited dry-weather flow at the time of the inspection. For partially- or fully-submerged outfalls, a sample was collected from the flow or submerged pool at the first accessible upstream sampling location. 84 stormwater samples were collected as part of the ongoing screening process.

The following indicator parameters were tested:

- pH
- Temperature
- Chlorine
- Copper
- Ammonia
- Phenols (for drainage basins with industrial areas)
- Detergents

The pH of each sample was measured in the field at the time the sample was collected, and the readings ranged from 6.63 to 8.60. All of the pH measurements were in the typical range for stormwater runoff.

The temperature of the sample was recorded when the sample was collected. The temperature of the stormwater discharge can vary greatly depending on the source. For example, overflow from a detention pond, which is heated by the sun, will be significantly warmer than a sump

pump discharge. Temperature is primarily useful in identifying potential discharges of industrial process water, which may be at 100 degrees or warmer. While some sample temperatures were slightly higher than the ambient temperature, none of the samples were so high as to suspect an illicit discharge.

Chlorine (free chlorine and total chlorine), copper and ammonia were also tested in the field using test strips. No samples tested positive for chlorine or copper. Ammonia was detected in four samples:

Sample Location	Ammonia (ppm)
03-119 US1	0.5
03-35 US1	0.5
06-810 US1	0.5
12-890 US1	1

Table 2 - Ammonia detections

Ammonia detections are generally considered potential indicators of illicit discharges if they are present in high concentrations (5 ppm or greater), or if they are found in combination with other chemical parameters, such as chlorine or detergents. Low concentrations of ammonia with no other chemical indicators present are difficult to trace, and may even be naturally occurring. As a result, those detections were not treated as potential illicit discharges. (Outfalls 03-35 and 12-890 had other indicators present, so those outfalls were classified as “potential” illicit discharges due to those indicators.)

The phenol and detergent tests required a more complex titration analysis, and the tests were conducted in the office within 24 hours of collecting the sample. No samples tested positive for phenol or detergents.

During the initial screening of the major outfalls in 2009, several outfalls were noted as having “abnormal detergent analysis result (bubbles).” In these samples, the detergent analysis resulted in the sample producing bubbles in suspension. Further research showed that these bubbles were the result of turbidity in the samples, and not an indication of the presence of detergent or an illicit discharge. Additional information can be found in the **CITY OF OSHKOSH INITIAL SCREENING SUMMARY REPORT** (May 18, 2010).

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 or chemical indicators of current or past illicit discharge

Of the 93 inspected outfalls, 67 were classified as unlikely, and 26 were classified as potential. The outfalls that were classified as “potential” 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 D.

Outfall	Classification	Reason
01-132	Potential	Severe floatable debris in upstream manhole
01-520	Potential	Severe floatable debris in upstream manhole
03-173	Potential	Moderate floatable debris in upstream manhole
03-22	Potential	Severe floatable debris in upstream catchbasin
03-35	Potential	Severe floatable debris in upstream catchbasin, with ammonia
03-381	Potential	Moderate floatable debris in upstream curb inlet, with oil
03-81	Potential	Moderate floatable debris in upstream manhole, with petroleum odor
05-264	Potential	Moderate floatable debris in upstream manhole
06-1694	Potential	Moderate floatable debris in upstream curb inlet
06-221	Potential	Moderate floatable debris in upstream manhole
06-52	Potential	Severe floatable debris in upstream manhole
08-284	Potential	Severe floatable debris in upstream manhole
08-347	Potential	Severe floatable debris in upstream manhole
09-101c	Potential	Moderate floatable debris in upstream manhole
12-569	Potential	Severe floatable debris in upstream manhole
12-890	Potential	Slight petroleum sheen in upstream inlet, with ammonia
14-1075	Potential	Moderate floatable debris in upstream curb inlet
14-676	Potential	Persistent suds and sheen on water surface
16-119	Potential	Slight petroleum sheen in upstream inlet
16-142	Potential	Moderate floatable debris in upstream curb inlet
16-201	Potential	Moderate floatable debris in upstream catchbasin
16-396	Potential	Moderate floatable debris in upstream manhole
16-436	Potential	Moderate floatable debris in upstream manhole
16-463	Potential	Moderate floatable debris in upstream manhole
16-533	Potential	Moderate floatable debris in upstream manhole
16-551	Potential	Moderate floatable debris in upstream manhole

Table 3 - Outfalls with elevated illicit discharge classifications

Upstream Manholes with Significant Floatable Debris

23 upstream manholes contained significant amounts of floatable debris, including plastic bottles, foam packaging, and other solid waste. 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 suspended in 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.

Upstream manholes with significant floatable debris are listed in the table below.

Manhole	Severity
01-132 US1	Severe
01-520 US1	Severe
03-173 US2	Moderate
03-22 US1	Severe
03-35 US1	Severe (with 0.5 ppm ammonia)
03-381 US1	Moderate (with slight oil sheen)
03-81 US1	Moderate (with petroleum odor)
05-264 US1	Moderate
06-1694 US1	Moderate
06-221 US1	Moderate
06-52 US1	Severe
08-284 US1	Severe
08-347 US1	Severe
09-101c US1	Moderate
12-569 US1	Severe
14-1075 US1	Moderate
16-142 US1	Moderate
16-201 US1	Moderate
16-396 US1	Moderate
16-436 US1	Moderate
16-463 US1	Moderate
16-533 US1	Moderate
16-551 US1	Moderate

Table 4 - Upstream manholes with significant floatable debris

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.

Photos of the floatable debris in the upstream manholes listed above are shown below. 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.



Figure 6 – Severe floatables in manhole 01-132 US1



Figure 7 – Moderate floatables in manhole 03-173 US2



Figure 8 – Severe floatables in catchbasin 03-22 US1



Figure 9 – Severe floatables in manhole 03-35 US1



Figure 10 – Moderate floatables in curb inlet 03-381 US1



Figure 11 – Moderate floatables in manhole 03-81 US1



Figure 12 – Moderate floatables in manhole 05-264 US1



Figure 13 – Moderate floatables in curb inlet 06-1694 US1



Figure 14 – Moderate floatables in manhole 06-221 US1



Figure 15 – Severe floatables in manhole 06-52 US1



Figure 16 – Severe floatables in manhole 08-284 US1



Figure 17 – Severe floatables in manhole 08-347 US1



Figure 18 – Moderate floatables in manhole 09-101c US1



Figure 19 – Severe floatables in manhole 12-569 US1



Figure 20 – Moderate floatables in curb inlet 14-1075 US1



Figure 21 – Moderate floatables in curb inlet 16-142 US1



Figure 22 – Moderate floatables in catchbasin 16-201 US1



Figure 23 – Moderate floatables in manhole 16-396 US1



Figure 24 – Moderate floatables in manhole 16-436 US1



Figure 25 – Moderate floatables in manhole 16-463 US1



Figure 26 – Moderate floatables in manhole 16-533 US1



Figure 27 – Moderate floatables in manhole 16-551 US1



Figure 28 – Severe floatables in manhole 01-520 US1

While some may not consider solid waste as 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.”

It is recommended that the outfalls with significant floatable debris be reinspected during the 2011 ongoing screening program. These manholes should be cleaned several months prior to the next 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 G.

Upstream Manholes with Oil Sheen

Three upstream manholes exhibited a slight oil sheen at the time of inspection:

- 03-381 US1
- 12-890 US1
- 16-119 US1

In all cases, the sheen was isolated to small patch on the surface of the pooled water, and was likely caused by trace amounts of oil from street runoff. The inlets with the oil sheen are shown in the photos below.



Figure 29 – Slight oil sheen in curb inlet 03-381 US1



Figure 30 – Slight oil sheen in inlet 12-890 US1



Figure 31 – Slight oil sheen in curb inlet 16-119 US1

Because the oil is in such limited quantities in each inlet, it is unlikely to identify an actual source of the discharge other than general street or parking lot runoff. If larger oil sheens are observed in the future, then additional screening may be warranted.

Outfall 14-676 (Waukau Avenue Culvert)

Outfall 14-676 consists of a 30-inch corrugated metal pipe (CMP) that discharges into a corrugated metal pipe arch culvert crossing W. Waukau Avenue, just west of Oregon Street. During the inspection, the pool in the culvert contained a noticeable amount of suds. No suds were observed in the stream upstream of the outfall. While some suds and bubbles can typically occur when the flow from an outfall drops into the receiving channel, these bubbles are typically short-lived, and located only in the area of the outfall. Because these bubbles persisted downstream, an illicit discharge was suspected.



Figure 32 - Suds in receiving stream for outfall 14-676

This outfall was exhibiting similar characteristics during the initial screening of the major outfalls on September 4, 2009. At that time, it was recommended that the outfall be rescreened in 2010

to determine if the discharge was intermittent or ongoing. The presence of the suds in 2010 indicates that the discharge is ongoing.

Samples were collected from the flowing outfall, as well as from the surface of the receiving stream, including some of the bubbles. Both samples tested negative for detergents and other illicit discharge indicator parameters.

The Illicit Discharge Coordinator was notified of the discharge on August 26, 2010. No additional tracing of the discharge was performed at that time. This outfall should be rescreened in 2011 to determine if the discharge is ongoing. If the suds are still present, the flow should be traced upstream to identify potential sources of the discharge, as well as attempting to identify the nature of the suds.

Additional information related to this investigation is included in Appendix H.

OUTFALL CONDITION ASSESSMENTS

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

Graffiti

No graffiti was observed at any of the 93 inspected outfalls. This is partly due to the fact that most of the outfall pipes – which are typically the most vandalized components of the storm sewer system – are partially or fully submerged, and essentially inaccessible to vandals. Only two outfalls were not submerged, and neither of those had graffiti at the time of inspection.

Damage

Eight outfalls showed signs of damage that may require attention in the near future. Most of the damage consisted of relatively minor defects, such as corrosion, damaged concrete, broken castings, or stuck manhole lids. The manhole at 08-100 US1 was in the area being reconstructed for the convention center, and had been partially removed. Because the storm sewer will likely be rerouted as part of the project, no repairs would be necessary at that manhole.

The damage is shown in the photos below. The locations of the damaged outfalls are shown on the map in Appendix E.



Figure 33 – Rusted/broken bolts at upstream manhole 03-173 US1 (moderate damage)



Figure 34 – Minor corrosion at outfall 03-293 (minor damage)



Figure 35 – Damaged rings at upstream manhole 03-306 US1 (minor damage)



Figure 36 – Upstream manhole 08-100 US1 removed during reconstruction (major damage)



Figure 37 – Debris inside upstream catchbasin 12-890 US1 (minor damage)



Figure 38 – Stuck lid at upstream manhole 12-972 US1



Figure 39 – Corrosion and crushed CMP at outfall 15-1093 (minor damage)



Figure 40 – Broken grate at upstream catchbasin 16-873 US1 (minor damage)

Erosion

None of the outfalls showed signs of erosion at the ends of the outfall pipes. This is likely because most of the outfalls that were inspected, with the exception of two, were partially or fully submerged, which minimizes the potential for erosion.

Deposition

Eight of the outfalls showed minor to moderate deposition at the end of the outfall pipe or manhole bottom. 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 deposition is shown in the photos below. The locations of the outfalls with deposition are shown on the map in Appendix F.



Figure 41 - Moderate deposition (4") in catchbasin 01-318 US1



Figure 42 - Minor deposition (1") in manhole 01-360 US2



Figure 43 - Moderate deposition (12") in manhole 01-380 US1



Figure 44 - Moderate deposition (3") at outfall 03-392



Figure 45 - Minor deposition (2") in inlet 06-1694 US1



Figure 46 - Moderate deposition (8") in inlet 14-1075 US1



Figure 47 - Minor deposition (3") in manhole 16-164 US1



Figure 48 - Minor deposition (1") in manhole 16-362 US1

CONCLUSION

OMNNI assisted the City of Oshkosh with the 2010 ongoing screening of the MS4 outfalls, as required by the MS4 permit. A total of 93 outfalls were screened, along with upstream monitoring locations when necessary. Of those 93 outfalls, 67 exhibited unlikely potential of past illicit discharges, and 26 were classified as potential illicit discharges. These results are summarized in Figure 49:

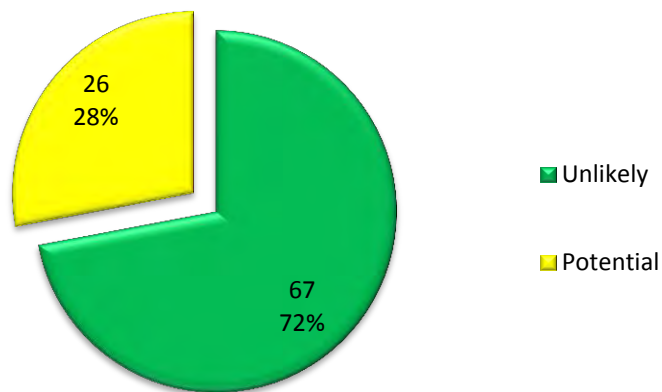


Figure 49 - Illicit discharge potential

Those outfalls classified as “potential” should be given special attention in the ongoing screening program.

In addition, the ongoing screening identified no outfalls with graffiti, eight outfalls or manholes with structural damage, none with noticeable erosion, and eight with deposition. While none of these posed an immediate danger, the City will likely 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 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

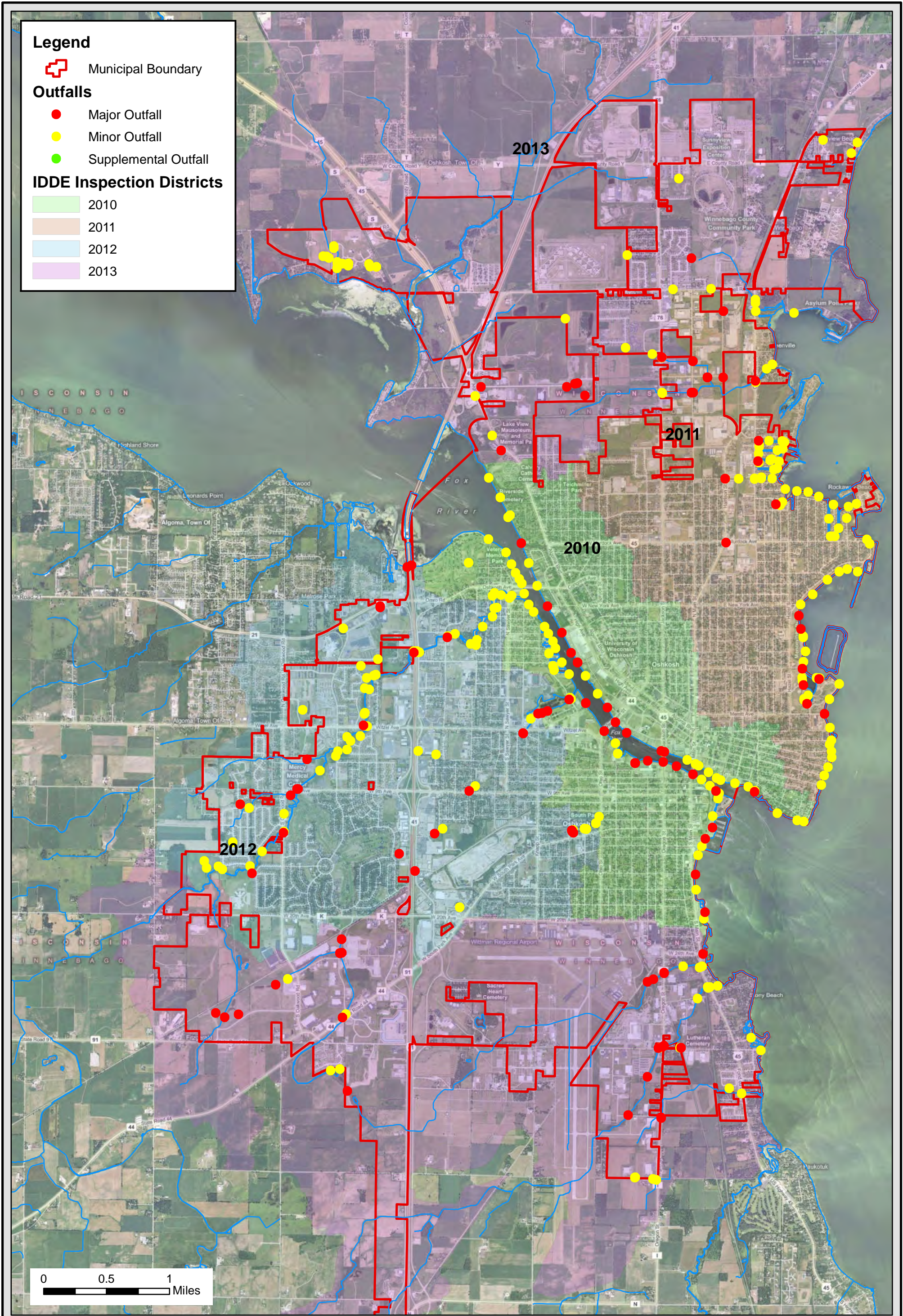
Reviewed By:

Brian D. Wayner

 Brian D. Wayner, P.E.
Project Manager

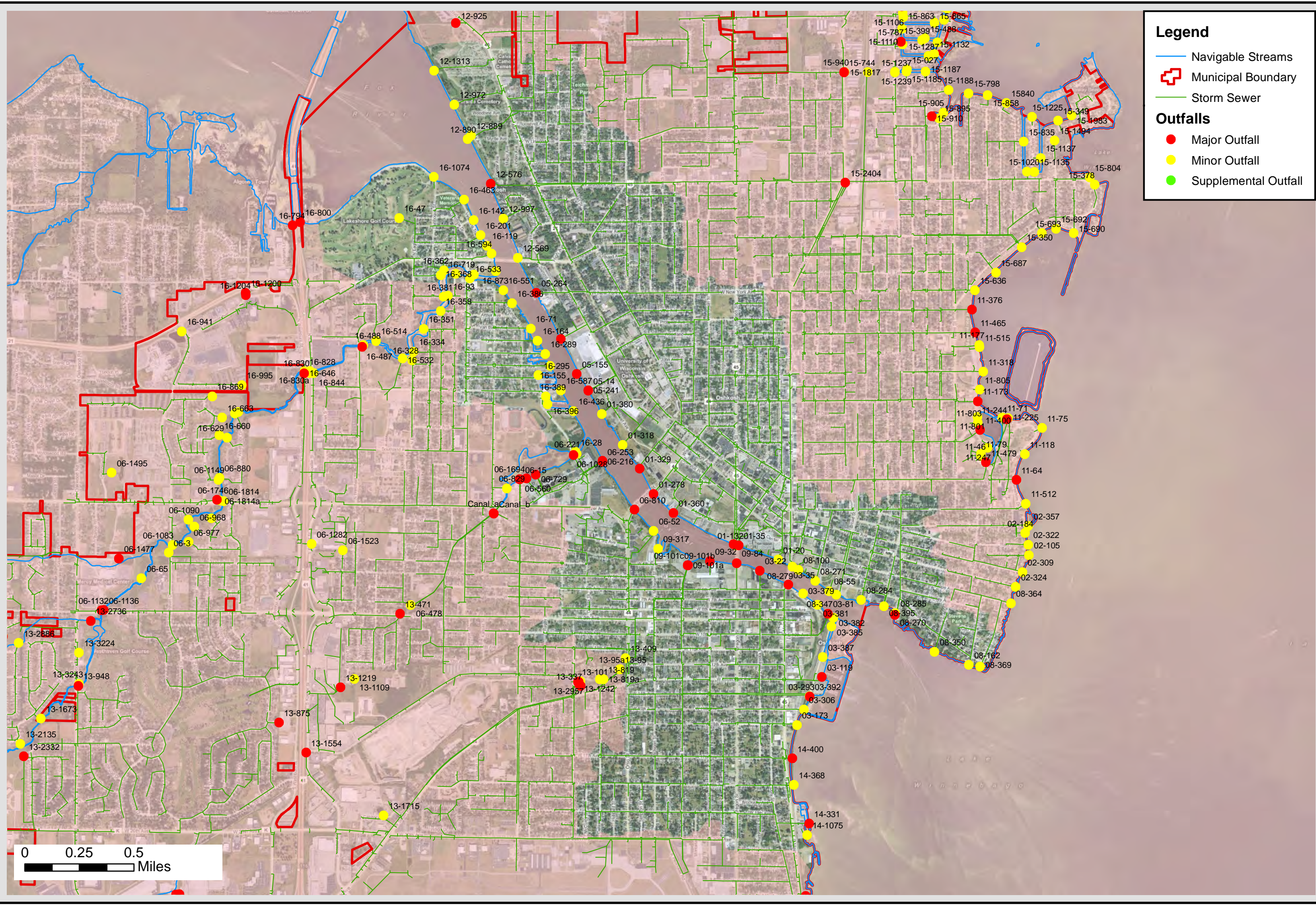
Appendix A

MS4 Outfall Map



Appendix B

2010 Ongoing Screening District Map



Legend
— Navigable Streams
— Municipal Boundary
— Storm Sewer

Outfalls
● Major Outfall
● Minor Outfall
● Supplemental Outfall



Project Manager: BDW	Project Engineer: JCW	Drawn By: JCW	Checked By: BDW	Date: 1/5/2011
----------------------	-----------------------	---------------	-----------------	----------------

2010 IDDE ONGOING SCREENING PROGRAM
2010 ONGOING SCREENING DISTRICT MAP

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

Omni
ASSOCIATES

ONE SYSTEMS DRIVE PHONE (920) 735-6900
APPLETON, WI 54914 FAX (920) 830-6100

SCALE:
1" = 2,092'

PROJECT NO.
N2029B10

FIGURE NO.
APP B

C:\Sync\Folders\IDDE_Data\MS4Map\2010_11x17_Oshkosh.mxd

Appendix C

2010 Outfall Inspection Reports

City of Oshkosh

Outfall ID: 01-20

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP

Basin Name:

Division St

Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):



o20100826102034.JPG

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 472,017

Easting: 792,821

State Plane Coordinates:

Northing: 737,566

Easting: 2,352,917

Inspection Date: 8/26/2010 10:29:06 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-20 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-20 US2

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826102426.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 138 ft NNE of outfall 01-20. Intermediate area consists of parking ramp. GPS not available in ramp - location from MS4 map. First upstream manhole not located.

Mapping Precision:

Desktop mapping estimate

☐ Not Physically Located

County Coordinates:

Northing: 472,153

Easting: 792,850

State Plane Coordinates:

Northing: 737,703

Easting: 2,352,944

Location Map



Inspection Date: 8/26/2010 10:36:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 26

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

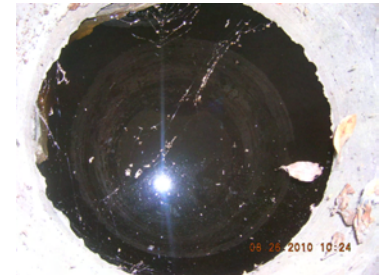
☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826102442.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-03

Time Collected: 1035

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.05 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-35

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP

Basin Name:

Division St



o20100825122338.JPG

Dimensions

Diameter (in): 36

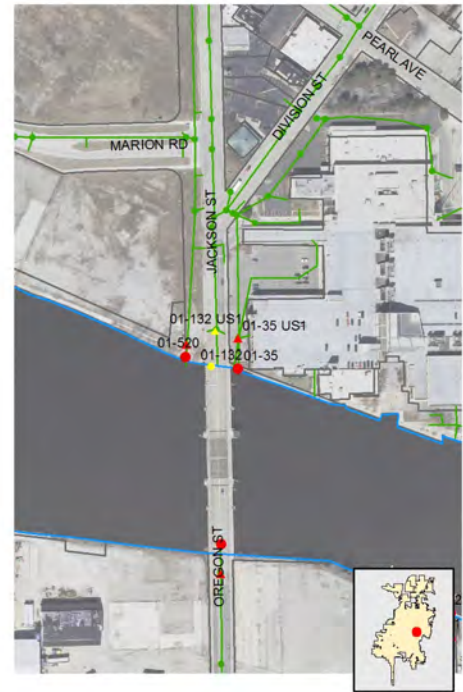
Height/Depth (in):

Width (in):

Outfall Notes:

Outfall partially submerged. Outfall screened upstream at 01-35 US1.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 472,359

Easting: 791,866

State Plane Coordinates:

Northing: 737,891

Easting: 2,351,957

Inspection Date: 8/25/2010 12:28:17 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 15

Notes: Outfall partially submerged. Outfall screened upstream at 01-35 US1. Estimated submerged depth.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Moderate

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100825122350.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 01-35

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Partially Depth (in): 21							
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>						<input type="checkbox"/> Othe	
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							Sampling Results Sample Location: Sample ID: Time Collected Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L
Graffiti: None							
Erosion: None							
Deposition: None Depth (in): 0							
Damage: None							
<input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage							



Osh09_DSCN6709.JPG

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-35 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

Division St



o20100825122536.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 72 ft N of outfall 01-35. Intermediate area consists of paved parking area with no observed inlets.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 472,431

Easting: 791,868

State Plane Coordinates:

Northing: 737,963

Easting: 2,351,957

Inspection Date: 8/25/2010 12:35:05 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 18

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: Slight cloudiness

☐ Othe

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: Slight

☒ Green ☒ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100825122544.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-84

Time Collected 1235

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.99 units

Temperature: 76 °F


Detergents: 0 mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 01-35 US1

Inspection Date: 9/9/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Abnormal detergent analysis result (bubbles)			
Submerged: Partially Depth (in): 14					
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris	
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour
Turbidity:	<input type="text" value="None"/>			<input type="checkbox"/> Othe	
Color:	<input type="text" value="None"/>				
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive		
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other	
Physical Condition Assessment					
Graffiti:	<input type="text" value="None"/>				
Erosion:	<input type="text" value="None"/>				
Deposition:	<input type="text" value="None"/>	Depth (in): 0			
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage		



Osh09_DSCN6712.JPG

Sampling Results
Sample Location: Pool
Sample ID: 090909-50
Time Collected: 1120
Total Chlorine (field): 0 ppm
Free Chlorine (field): 0 ppm
Total Copper (field): 0 ppm
Ammonia (field): ppm
pH (field): 8.61 units
Temperature: 78 °F
Detergents: 0 mg/L
Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-132

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

Cast Iron

Basin Name:

Division St



o20101020101356.jpg

Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 472,365

Easting: 791,802

State Plane Coordinates:

Northing: 737,895

Easting: 2,351,892

Inspection Date: 10/20/2010 10:13:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-132 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-132 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

Division St

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):



o20101020100512.jpg

Outfall Notes:

Upstream manhole located approx 87 ft N of outfall 01-132. Intermediate area consists of street right-of-way.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 472,451

Easting: 791,814

State Plane Coordinates:

Northing: 737,982

Easting: 2,351,902

Inspection Date: 10/20/2010 10:09:04 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 26

Notes: Significant floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Othe

Color: Clearly visible in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20101020100524.jpg

Sampling Results

Sample Location: Pool

Sample ID: 101020-60

Time Collected: 1010

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.55 units

Temperature: 55 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-278

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP

Basin Name:

Dawes St



o20100825131702.JPG

Location Map



Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 473,601

Easting: 789,812

State Plane Coordinates:

Northing: 739,096

Easting: 2,349,880

Inspection Date: 8/25/2010 1:23:51 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-278 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables:

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor:

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity:

☐ Othe

Color:

Vegetation:

☐ Inhibited ☐ Excessive

Benthic Growth:

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains:

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 01-278

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-278 US1.				 _Submerged.jpg	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Unlikely		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: None		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other <input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: None		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine <input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Othe					
Turbidity: None							
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive				Sampling Results Sample Location: Sample ID: Time Collected Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Benthic Growth: None		<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains <input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
Physical Condition Assessment							
Graffiti: None Erosion: None Deposition: None Depth (in): Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-278 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

Dawes St



o20100825131754.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 18 ft NE of outfall 01-278. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 473,614

Easting: 789,824

State Plane Coordinates:

Northing: 739,109

Easting: 2,349,892

Inspection Date: 8/25/2010 1:26:55 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 52

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825131804.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-58

Time Collected 1325

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.6 units


Temperature: 72 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 01-278 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+									
Flow Description: Submerged, indeterminate				Notes:											
Submerged: Fully		Depth (in): 48													
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up											
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other										
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris											
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine										
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour										
Turbidity: <input type="text" value="None"/>						<input type="checkbox"/> Othe									
Color: <input type="text" value="None"/>															
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive												
Benthic Growth: <input type="text" value="Slight"/>		<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other										
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains											
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other											
Physical Condition Assessment															
Graffiti: None															
Erosion: None															
Deposition: None		Depth (in): 0													
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed											
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage												
															
								Sampling Results							
								Sample Location:		Pool					
								Sample ID:		090909-64					
								Time Collected		1049					
								Total Chlorine (field):		0 ppm					
								Free Chlorine (field):		0 ppm					
								Total Copper (field):		0 ppm					
								Ammonia (field):		ppm					
								pH (field):		7.81 units					
Temperature:		76 °F													
Detergents:		0 mg/L													
Phenol:		0 mg/L													

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-318

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825134846.JPG

Location Map



Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 474,793

Easting: 789,064

State Plane Coordinates:

Northing: 740,274

Easting: 2,349,111

Inspection Date: 8/25/2010 1:56:39 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-318 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited ☐ Excessive

Benthic Growth:

None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains:

None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-318 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

Blawhawk St



o20100825135002.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 27 ft E of outfall 01-318. Intermediate area consists of open space.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 474,788

Easting: 789,092

State Plane Coordinates:

Northing: 740,269

Easting: 2,349,139

Location Map



Inspection Date: 8/25/2010 1:58:46 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Notes:

Submerged: Fully Depth (in): 50

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☒ Sulfur ☐ Sour
☐ Othe

Turbidity: None

Color: None

Vegetation: None ☐ Inhibited ☐ Excessive

Benthic Growth: Slight ☒ Green ☐ Brown ☐ Orange ☐ Other

Stains: None ☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None
Erosion: None
Deposition: Moderate Depth (in): 4
Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage



o20100825135010.JPG

Sampling Results

Sample Location: Pool
Sample ID: 100825-05
Time Collected: 1400
Total Chlorine (field): 0 ppm
Free Chlorine (field): 0 ppm
Total Copper (field): 0 ppm
Ammonia (field): 0 ppm
pH (field): 7.44 units
Temperature: 74 °F
Detergents: 0 mg/L
Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-329

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825140102.JPG

Location Map



Dimensions

Diameter (in): 48

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 474,217

Easting: 789,477

State Plane Coordinates:

Northing: 739,705

Easting: 2,349,534

Inspection Date: 8/25/2010 2:08:27 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-329 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 01-329

Inspection Date: 9/8/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-329 US1.				<div>Photo Not Available Submerged Outfall</div> _Submerged.jpg	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: None		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other <input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: None		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine <input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Other					
Turbidity: None							
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive				Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Benthic Growth: None		<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains <input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
Physical Condition Assessment							
Graffiti: None Erosion: None Deposition: None Depth (in): Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-329 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825140232.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 53 ft NNE of outfall 01-329. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

474,268

Easting:

789,490

State Plane Coordinates:

Northing:

739,757

Easting:

2,349,547

Inspection Date: 8/25/2010 2:21:30 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 47

Notes: Debris in photo is dirt and grass clippings from opening manhole.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825140242.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-96

Time Collected: 1410

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.22 units


Temperature: 75 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 01-329 US1

Inspection Date: 9/8/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Abnormal detergent analysis result (bubbles)			
Submerged: Fully		Depth (in): 48					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	None				<input type="checkbox"/> Other		
Color:	None						
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in):					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
Osh09_DSCN6667.JPG							
Sampling Results							
Sample Location:		Pool					
Sample ID:		090908-26					
Time Collected:		1535					
Total Chlorine (field):		0 ppm					
Free Chlorine (field):		0 ppm					
Total Copper (field):		0 ppm					
Ammonia (field):		ppm					
pH (field):		8.7 units					
Temperature:		76 °F					
Detergents:		0 mg/L					
Phenol:		0 mg/L					

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-360

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP

Basin Name:

Dawes St



o20100825130230.JPG

Dimensions

Diameter (in): 42

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 473,145

Easting: 790,290

State Plane Coordinates:

Northing: 738,649

Easting: 2,350,366

Inspection Date: 8/25/2010 1:09:19 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-360 US2.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floating: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 01-360

Inspection Date: 9/8/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-360 US3.				 Osh09_DSCN6660.JPG	
Submerged: Fully Depth (in): 44							
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other					
		<input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine					
		<input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour					
Turbidity: <input type="text" value="None"/>							
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive					
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains					
		<input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in):					
Damage: None		<input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed					
		<input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage					
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):						ppm	
Free Chlorine (field):						ppm	
Total Copper (field):						ppm	
Ammonia (field):						ppm	
pH (field):						units	
Temperature:						°F	
Detergents:						mg/L	
Phenol:						mg/L	

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-360 US2

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825130352.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 57 ft NE of outfall 01-360. Intermediate area consists of paved parking and open space. First upstream manhole not located.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 473,194

Easting: 790,319

State Plane Coordinates:

Northing: 738,698

Easting: 2,350,394

Inspection Date: 8/25/2010 1:13:50 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 26

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor

Depth (in): 1

Damage: None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825130406.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-02

Time Collected: 1315

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.13 units

Temperature: 72 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-380

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825141742.JPG

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 475,538

Easting: 788,561

State Plane Coordinates:

Northing: 741,010

Easting: 2,348,594

Inspection Date: 8/25/2010 2:25:22 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-380 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-380 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825141830.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 43 ft NE of outfall 01-380. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 475,567

Easting: 788,593

State Plane Coordinates:

Northing: 741,039

Easting: 2,348,626

Inspection Date: 8/25/2010 2:27:54 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 41

Notes: Thick black muck on bottom.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Moderate Depth (in): 12

Damage: None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825141838.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-59

Time Collected: 1425

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.66 units

Temperature: 75 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 01-520

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP

Basin Name:

Division St



o20100825123724.JPG

Location Map



Dimensions

Diameter (in): 54

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. (OSH-9424 in early reports.)

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 472,390

Easting: 791,740

State Plane Coordinates:

Northing: 737,920

Easting: 2,351,830

Inspection Date: 8/25/2010 12:43:21 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-520 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 01-520

Inspection Date: 9/9/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 01-520 US1.		
Submerged: Fully Depth (in): 56				
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up		
Floatables: None	<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other			
	<input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris			
Odor: None	<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine			<div>Sampling Results</div> <div>Sample Location:</div> <div>Sample ID:</div> <div>Time Collected</div> <div>Total Chlorine (field): ppm</div> <div>Free Chlorine (field): ppm</div> <div>Total Copper (field): ppm</div> <div>Ammonia (field): ppm</div> <div>pH (field): units</div> <div>Temperature: °F</div> <div>Detergents: mg/L</div> <div>Phenol: mg/L</div>
	<input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour			
Turbidity: None				
Color: None				
Vegetation: None	<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive			
Benthic Growth: None	<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other			
Stains: None	<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains			
	<input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other			
<div>Physical Condition Assessment</div> <div>Graffiti: None</div> <div>Erosion: None</div> <div>Deposition: None Depth (in):</div> <div>Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed</div> <div><input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage</div>				

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 01-520 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

Division St

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):



o20100825124642.JPG

Outfall Notes:

Upstream manhole located approx 28 ft N of outfall 01-520. Intermediate area consists of rip-rap shoreline. (OSH-9424 US1 in early reports.)

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 472,419

Easting: 791,742

State Plane Coordinates:

Northing: 737,948

Easting: 2,351,831

Inspection Date: 8/25/2010 12:53:35 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 72

Notes: Significant floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Othe

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825124708.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-90

Time Collected 1255

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.18 units


Temperature: 73 °F

Detergents: 0 mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 01-520 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Abnormal detergent analysis result (bubbles). Significant floatables in manhole. Brown color.			
Submerged: Fully		Depth (in): 61					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	Severe	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input checked="" type="checkbox"/> Solid Waste/Debris			
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	None				<input type="checkbox"/> Othe		
Color:	Clearly visible in bottle	Brown					
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains		Sampling Results Sample Location: Pool Sample ID: 090909-57 Time Collected 1130 Total Chlorine (field): 0 ppm Free Chlorine (field): 0 ppm Total Copper (field): 0 ppm Ammonia (field): ppm pH (field): 8.6 units Temperature: 78 °F Detergents: 0 mg/L Phenol: 0 mg/L	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in): 0					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 03-22

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100818101918.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 36

Width (in): 58

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,751

Easting: 792,375

State Plane Coordinates:

Northing: 737,292

Easting: 2,352,476

Inspection Date: 8/18/2010 10:26:01 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-22 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 03-22

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	None				<input type="checkbox"/> Other		
Color:	None						
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in):					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):				ppm			
Free Chlorine (field):				ppm			
Total Copper (field):				ppm			
Ammonia (field):				ppm			
pH (field):				units			
Temperature:				°F			
Detergents:				mg/L			
Phenol:				mg/L			

Photo Not Available
Submerged Outfall

_Submerged.jpg

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-22 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818102402.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

471,694

Easting:

792,376

State Plane Coordinates:

Northing:

737,235

Easting:

2,352,478

Inspection Date: 8/18/2010 10:29:59 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 44

Notes: Severe floatable debris in catchbasin.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818102410.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-83

Time Collected: 1032

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.38 units


Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 03-22 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Abnormal detergent analysis result (bubbles). Significant floatables in manhole.			
Submerged: Fully		Depth (in): 44					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: Severe		<input type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds		<input type="checkbox"/> Sewage	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input checked="" type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur	
Turbidity: None						<input type="checkbox"/> Chlorine	
Color: None						<input type="checkbox"/> Sour	
						<input type="checkbox"/> Other	
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange	
		<input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
							
Osh09_DSCN6768.JPG							
Sampling Results							
Sample Location:		Pool					
Sample ID:		090910-09					
Time Collected:		0952					
Total Chlorine (field):		0 ppm					
Free Chlorine (field):		0 ppm					
Total Copper (field):		0 ppm					
Ammonia (field):		ppm					
pH (field):		8.3 units					
Temperature:		75 °F					
Detergents:		0 mg/L					
Phenol:		0 mg/L					

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-35

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100818092204.JPG

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,413

Easting: 793,066

State Plane Coordinates:

Northing: 736,966

Easting: 2,353,173

Location Map



Inspection Date: 8/18/2010 9:27:46 AM		Inspector: JCW	Inspection Type: Ongoing	Previous Rainfall (hrs): 72+
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-35 US1.		
Submerged: Fully		Depth (in):		
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up		
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur
Turbidity:	None			<input type="checkbox"/> Chlorine
				<input type="checkbox"/> Sour
Color:	None			<input type="checkbox"/> Other
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive	
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange
		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains
Stains:	None	<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other
Physical Condition Assessment				
Graffiti:	None			
Erosion:	None			
Deposition:	None	Depth (in):		
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage	
Sampling Results				
Sample Location:				
Sample ID:				
Time Collected:				
Total Chlorine (field): ppm				
Free Chlorine (field): ppm				
Total Copper (field): ppm				
Ammonia (field): ppm				
pH (field): units				
Temperature: °F				
Detergents: mg/L				
Phenol: mg/L				

Photo Not Available
Submerged Outfall

_Submerged.jpg

City of Oshkosh

Outfall ID: 03-35

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-35 US1.				<div>Photo Not Available Submerged Outfall</div> _Submerged.jpg	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: None		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other <input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: None		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine <input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Other					
Turbidity: None							
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive				<div>Sampling Results</div> <div>Sample Location:</div> <div>Sample ID:</div> <div>Time Collected:</div> <div>Total Chlorine (field): ppm</div> <div>Free Chlorine (field): ppm</div> <div>Total Copper (field): ppm</div> <div>Ammonia (field): ppm</div> <div>pH (field): units</div> <div>Temperature: °F</div> <div>Detergents: mg/L</div> <div>Phenol: mg/L</div>	
Benthic Growth: None		<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains <input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
<div>Physical Condition Assessment</div> <div>Graffiti: None</div> <div>Erosion: None</div> <div>Deposition: None Depth (in):</div> <div>Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage</div>							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-35 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818092258.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,408

Easting: 793,047

State Plane Coordinates:

Northing: 736,962

Easting: 2,353,154

Inspection Date: 8/18/2010 9:32:06 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 34

Notes: Severe floatable debris in catchbasin.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☒ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818092304.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-77

Time Collected: 0930

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0.5 ppm

pH (field): 7.46 units


Temperature: 73 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 03-35 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Abnormal detergent analysis result (bubbles). Significant floatables in manhole.			
Submerged: Fully		Depth (in): 33					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: Severe		<input type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds		<input type="checkbox"/> Sewage	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input checked="" type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur	
Turbidity: None						<input type="checkbox"/> Chlorine	
Color: None						<input type="checkbox"/> Sour	
						<input type="checkbox"/> Other	
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange	
		<input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
							
Osh09_DSCN6763.JPG							
Sampling Results							
Sample Location: Pool							
Sample ID: 090910-68							
Time Collected: 0925							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 8.23 units							
Temperature: 73 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-81

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

Cast Iron



o20100818083116.JPG

Dimensions

Diameter (in): 24

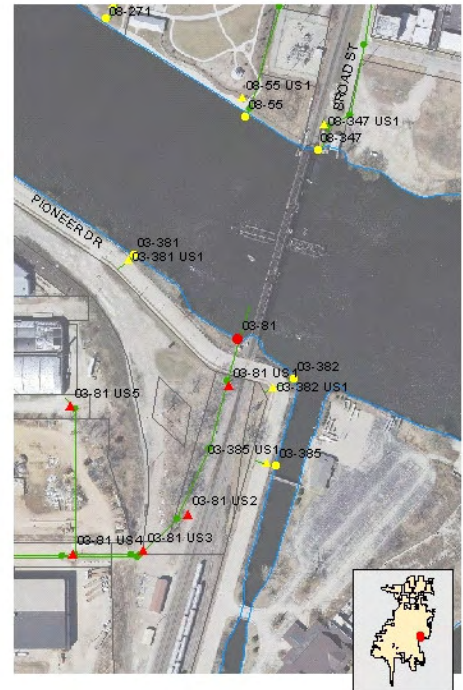
Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 470,711

Easting: 794,023

State Plane Coordinates:

Northing: 736,282

Easting: 2,354,143

Inspection Date: 8/18/2010 8:38:23 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-81 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh


Outfall ID: 03-81

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-81 US1.				<div>Photo Not Available Submerged Outfall</div> _Submerged.jpg	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Obvious		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: None		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other <input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: None		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine <input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Other					
Turbidity: None							
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive				Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Benthic Growth: None		<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains <input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
Physical Condition Assessment							
Graffiti: None Erosion: None Deposition: None Depth (in): Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-81 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Diesel/oil odor, sheen on surface. Floatables with grease. Brown/gray color.			
Submerged: Fully		Depth (in): 44					
Illicit Discharge Potential: Obvious				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables:	Severe	<input checked="" type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		 Osh09_DSCN6747.JPG
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input checked="" type="checkbox"/> Solid Waste/Debris			
Odor:	Easily detected	<input checked="" type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	None				<input type="checkbox"/> Other		
Color:	Faint in bottle	Gray					
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in): 0					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:		Pool					
Sample ID:		090909-66					
Time Collected:		1415					
Total Chlorine (field):		0 ppm					
Free Chlorine (field):		0 ppm					
Total Copper (field):		0 ppm					
Ammonia (field):		ppm					
pH (field):		6.98 units					
Temperature:		73 °F					
Detergents:		0 mg/L					
Phenol:		0 mg/L					

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-119

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

RCP



o20100818072558.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 13

Width (in): 22

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 469,179

Easting: 793,881

State Plane Coordinates:

Northing: 734,748

Easting: 2,354,028

Inspection Date: 8/18/2010 7:32:47 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

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

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 03-119

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: <div style="border: 1px solid black; height: 40px;"></div>		Photo Not Available Submerged Outfall <small>_Submerged.jpg</small>	
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>			<input type="checkbox"/> Other			
Color:	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>						
Vegetation:	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<div style="border: 1px solid black; width: 150px; height: 20px;"></div>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment						Sampling Results <hr/> <div>Sample Location:</div> <div>Sample ID:</div> <div>Time Collected:</div> <div>Total Chlorine (field): ppm</div> <div>Free Chlorine (field): ppm</div> <div>Total Copper (field): ppm</div> <div>Ammonia (field): ppm</div> <div>pH (field): units</div> <div>Temperature: °F</div> <div>Detergents: mg/L</div> <div>Phenol: mg/L</div>	
Graffiti:	None						
Erosion:	None						
Deposition:	Depth (in):						
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-119 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818072934.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

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.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 469,098

Easting: 793,672

State Plane Coordinates:

Northing: 734,663

Easting: 2,353,820

Inspection Date: 8/18/2010 7:36:59 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 29

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☒ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818072942.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-80

Time Collected: 0738

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0.5 ppm

pH (field): 7.06 units

Temperature: 71 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 03-119 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in): 27					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location: Pool							
Sample ID: 090909-63							
Time Collected: 1400							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 7.87 units							
Temperature: 76 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							



Osh09_DSCN6743.JPG

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-173

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100817135838.JPG

Location Map



Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 468,018

Easting: 793,278

State Plane Coordinates:

Northing: 733,576

Easting: 2,353,446

Inspection Date: 8/17/2010 2:04:29 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-173 US2.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-173 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817135848.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 18 ft W of outfall 03-173. Intermediate area consists of shoreline. Bolted lid - could not access.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 468,023

Easting: 793,260

State Plane Coordinates:

Northing: 733,580

Easting: 2,353,428

Location Map



Inspection Date: 8/17/2010 2:07:11 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Lid bolts rusted tight - could not access. Screened upstream at 03-173 US2.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Depth (in):

Damage: Moderate

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817135854.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-173 US2

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817140458.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 113 ft W of outfall 03-173. Intermediate area consists of shoreline, railroad right-of-way and paved parking area.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 468,043

Easting: 793,166

State Plane Coordinates:

Northing: 733,599

Easting: 2,353,334

Inspection Date: 8/17/2010 2:11:27 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 42

Notes: Floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817140504.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-23

Time Collected: 1410

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.69 units

Temperature: 77 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-293

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100817145412.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 40

Width (in): 58

Outfall Notes:

Outfall partially submerged. Pipe info from MS4 map.

Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 468,709

Easting: 793,582

State Plane Coordinates:

Northing: 734,272

Easting: 2,353,737

Inspection Date: 8/17/2010 3:02:36 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 38

Notes: Outfall partially submerged. Outfall screened upstream at 03-293 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

Minor

☐ Displacement

☐ Undercut

☐ Crushed

☒ Corrosion

☐ Concrete Damage



o20100817145430.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 03-293

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Outfall partially submerged. Outfall screened upstream at 03-293 US1.			
Submerged: Partially		Depth (in): 32					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: None		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input checked="" type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: None		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: Slight		<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: None		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input checked="" type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: Minor		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input checked="" type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
Osh09_DSCN6736.JPG							
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):				ppm			
Free Chlorine (field):				ppm			
Total Copper (field):				ppm			
Ammonia (field):				ppm			
pH (field):				units			
Temperature:				°F			
Detergents:				mg/L			
Phenol:				mg/L			

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-293 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817145756.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 51 ft NW of outfall 03-293. Intermediate area consists of vegetated roadside shoulder.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 468,744

Easting: 793,545

State Plane Coordinates:

Northing: 734,307

Easting: 2,353,700

Inspection Date: 8/17/2010 3:05:51 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 36

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817145804.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-04

Time Collected: 1506

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.39 units


Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 03-293 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Abnormal detergent analysis result (bubbles)			
Submerged: Partially		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input checked="" type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
Sampling Results							
Sample Location: Pool							
Sample ID: 090909-62							
Time Collected: 1325							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 7.82 units							
Temperature: 78 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-306

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100817142148.JPG

Dimensions

Diameter (in): 27

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 468,393

Easting: 793,444

State Plane Coordinates:

Northing: 733,954

Easting: 2,353,605

Inspection Date: 8/17/2010 2:28:30 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-306 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-306 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817142352.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 63 ft W of outfall 03-306. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 468,396

Easting: 793,380

State Plane Coordinates:

Northing: 733,956

Easting: 2,353,541

Inspection Date: 8/17/2010 2:28:30 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 13

Notes: Broken manhole rings allow materials to enter manhole below casting.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None ☐ Inhibited ☐ Excessive

Benthic Growth:

None ☐ Green ☐ Brown ☐ Orange ☐ Other

Stains:

Slight ☒ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: Minor ☐ Displacement ☒ Undercut ☐ Crushed

☐ Corrosion ☒ Concrete Damage



o20100817142402.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-65

Time Collected: 1432

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.55 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-379

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

Manhole - concrete



o20100818090718.JPG

Location Map



Dimensions

Diameter (in): 10

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,196

Easting: 793,423

State Plane Coordinates:

Northing: 736,756

Easting: 2,353,534

Inspection Date: 8/18/2010 9:16:18 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-379 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-379 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818091108.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 39 ft SW of outfall 03-379. Intermediate area consists of open space and street right-of-way.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,164

Easting: 793,401

State Plane Coordinates:

Northing: 736,724

Easting: 2,353,512

Inspection Date: 8/18/2010 9:18:35 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 25

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Yellow

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818091114.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-85

Time Collected: 0920

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.37 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-381

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP

Basin Name:

South Main St



o20100818085058.JPG

Location Map



Dimensions

Diameter (in): 10

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 470,924

Easting: 793,775

State Plane Coordinates:

Northing: 736,490

Easting: 2,353,891

Inspection Date: 8/18/2010 8:59:26 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 03-381 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-381 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818085116.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,910

Easting: 793,760

State Plane Coordinates:

Northing: 736,476

Easting: 2,353,876

Inspection Date: 8/18/2010 9:03:59 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 13

Notes: Floating debris, slight oil sheen in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☒ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☒ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818085124.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-76

Time Collected: 0903

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.13 units

Temperature: 72 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-382

Minor Outfall

Structure Type:

Open Channel Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100818081942.JPG

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall partially submerged.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,612

Easting: 794,159

State Plane Coordinates:

Northing: 736,185

Easting: 2,354,281

Inspection Date: 8/18/2010 8:25:27 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 9

Notes: Outfall partially submerged. Outfall screened upstream at 03-382 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Moderate

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains:

Moderate

☐ Flow Line

☐ Oil

☐ Rust Stains

☒ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818082054.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-382 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818082426.JPG

Dimensions

Diameter (in):

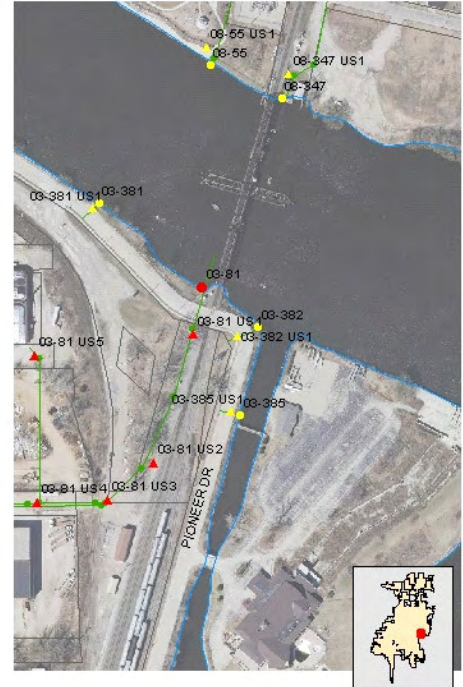
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 57 ft WSW of outfall 03-382. Intermediate area consists of open space and street right-of-way.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,592

Easting: 794,108

State Plane Coordinates:

Northing: 736,165

Easting: 2,354,229

Inspection Date: 8/18/2010 8:34:04 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Dry bottom. Grass clipping build up.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818082432.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-385

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100818080500.JPG

Dimensions

Diameter (in): 10

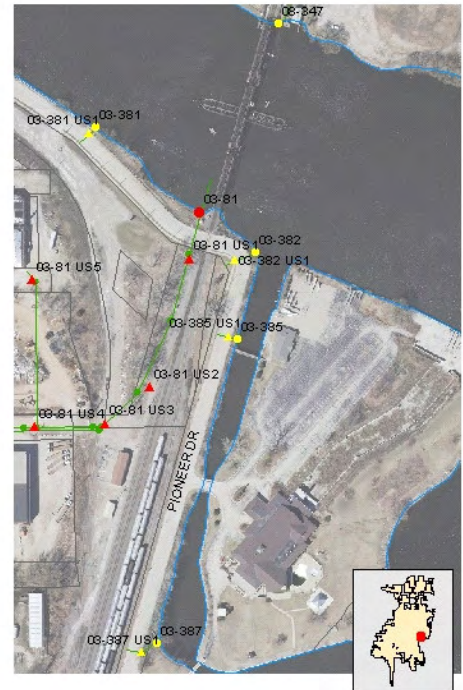
Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,400

Easting: 794,112

State Plane Coordinates:

Northing: 735,972

Easting: 2,354,237

Inspection Date: 8/18/2010 8:10:24 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 10

Notes: Outfall fully submerged. Outfall screened upstream at 03-385 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818080520.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-385 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818080722.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 22 ft WNW of outfall 03-385. Intermediate area consists of open space and street right-of-way.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,408

Easting: 794,090

State Plane Coordinates:

Northing: 735,980

Easting: 2,354,215

Inspection Date: 8/18/2010 8:15:59 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Dry bottom.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818080728.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-387

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100818074904.JPG

Location Map



Dimensions

Diameter (in): 10

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall partially submerged.

Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 469,661

Easting: 793,901

State Plane Coordinates:

Northing: 735,229

Easting: 2,354,040

Inspection Date: 8/18/2010 7:55:48 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 3

Notes: Outfall partially submerged. Outfall screened upstream at 03-387 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Moderate

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains:

Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☒ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818074924.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-387 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818075348.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 44 ft WSW of outfall 03-387. Intermediate area consists of open space and street right-of-way.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 469,638

Easting: 793,862

State Plane Coordinates:

Northing: 735,207

Easting: 2,354,001

Inspection Date: 8/18/2010 8:01:34 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Dry bottom.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818075356.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 03-392

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100817145038.JPG

Dimensions

Diameter (in): 10

Height/Depth (in):

Width (in):

Outfall Notes:

Discharge from single inlet. Directly above outfall 03-293.

Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 468,713

Easting: 793,580

State Plane Coordinates:

Northing: 734,276

Easting: 2,353,735

Location Map



Inspection Date: 8/17/2010 2:59:49 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Dry

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

Moderate

Depth (in): 3

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817145054.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field):

ppm

Free Chlorine (field):

ppm

Total Copper (field):

ppm

Ammonia (field):

ppm

pH (field):

units

Temperature:

°F

Detergents:

mg/L

Phenol:

mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-14

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825142900.JPG

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 476,107

Easting: 788,230

State Plane Coordinates:

Northing: 741,573

Easting: 2,348,253

Inspection Date: 8/25/2010 2:37:24 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 05-14 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 05-14

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 05-14 US1.				<div>Photo Not Available Submerged Outfall</div> _Submerged.jpg	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: None		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other <input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: None		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine <input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Other					
Turbidity: None							
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive				Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Benthic Growth: None		<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains <input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
Physical Condition Assessment							
Graffiti: None Erosion: None Deposition: None Depth (in): Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-14 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825143904.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 354 ft NE of outfall 05-14. Intermediate area consists of industrial parking area to north and institutional buildings to south.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,276

Easting: 788,542

State Plane Coordinates:

Northing: 741,747

Easting: 2,348,562

Inspection Date: 8/25/2010 2:45:58 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 30

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Green

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825143922.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-89

Time Collected: 1445

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.87 units

Temperature: 75 °F


Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 05-14 US1

Inspection Date: 9/9/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+												
Flow Description: Submerged, indeterminate		Notes: Abnormal detergent analysis result (bubbles)														
Submerged: Fully Depth (in): 27																
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up														
Floatables: <input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other												
	<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris													
Odor: <input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine												
	<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour												
Turbidity: <input type="text" value="None"/>				<input type="checkbox"/> Other												
Color: <input type="text" value="None"/>																
Vegetation: <input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive														
Benthic Growth: <input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other												
Stains: <input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains													
	<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other													
Physical Condition Assessment																
<div style="border: 1px solid black; padding: 5px;"><table><tr><td>Graffiti:</td><td>None</td></tr><tr><td>Erosion:</td><td>None</td></tr><tr><td>Deposition:</td><td>None Depth (in): 0</td></tr><tr><td>Damage:</td><td>None</td></tr><tr><td></td><td><input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed</td></tr><tr><td></td><td><input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage</td></tr></table></div>					Graffiti:	None	Erosion:	None	Deposition:	None Depth (in): 0	Damage:	None		<input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed		<input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage
Graffiti:	None															
Erosion:	None															
Deposition:	None Depth (in): 0															
Damage:	None															
	<input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed															
	<input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage															



Osh09_DSCN6701.JPG

Sampling Results

Sample Location:	Pool
Sample ID:	090909-59
Time Collected:	1013
Total Chlorine (field):	0 ppm
Free Chlorine (field):	0 ppm
Total Copper (field):	0 ppm
Ammonia (field):	ppm
pH (field):	8.21 units
Temperature:	75 °F
Detergents:	0 mg/L
Phenol:	0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-155

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

Vitrified Clay



o20100826090214.JPG

Location Map



Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged. Pipe info from MS4 map.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,506

Easting: 787,956

State Plane Coordinates:

Northing: 741,966

Easting: 2,347,973

Inspection Date: 8/26/2010 9:11:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Fully submerged. Only vegetation in water is at end of pipe. Outfall screened upstream at 05-155 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

Slight

☐ Inhibited

☒ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 05-155

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+		
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged. Incorrectly screened upstream at water valve manhole.				 Osh09_DSCN6691.JPG		
Submerged: Fully Depth (in): 27								
Illicit Discharge Potential: Unlikely		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up						
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage			<input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>							<input type="checkbox"/> Other	
Color: <input type="text" value="None"/>								
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green		<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment								
Graffiti: None								
Erosion: None								
Deposition: None		Depth (in):						
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage				
Sampling Results								
Sample Location:								
Sample ID:								
Time Collected:								
Total Chlorine (field):						ppm		
Free Chlorine (field):						ppm		
Total Copper (field):						ppm		
Ammonia (field):						ppm		
pH (field):						units		
Temperature:						°F		
Detergents:						mg/L		
Phenol:						mg/L		

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-155 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - brick



o20100826091110.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

476,556

Easting:

787,980

State Plane Coordinates:

Northing:

742,017

Easting:

2,347,995

Inspection Date: 8/26/2010 9:17:41 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 25

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

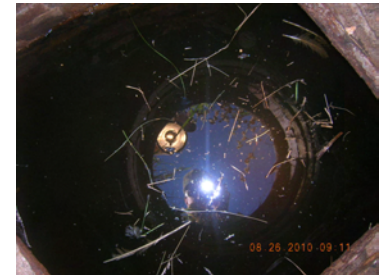
☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826091148.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-54

Time Collected: 0922

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.87 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-216

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100826084708.JPG

Location Map



Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

☒ Not Physically Located

County Coordinates:

Northing: 477,353

Easting: 787,572

State Plane Coordinates:

Northing: 742,807

Easting: 2,347,573

Inspection Date: 8/26/2010 8:54:01 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 05-216 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 05-216

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other	Photo Not Available Submerged Outfall _Submerged.jpg	
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
					<input type="checkbox"/> Other		
Turbidity:	None						
Color:	None						
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in):					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):						ppm	
Free Chlorine (field):						ppm	
Total Copper (field):						ppm	
Ammonia (field):						ppm	
pH (field):						units	
Temperature:						°F	
Detergents:						mg/L	
Phenol:						mg/L	

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-216 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826084958.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 85 ft NE of outfall 05-216. Intermediate area consists of unpaved parking area near industrial facility.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

477,395

Easting:

787,646

State Plane Coordinates:

Northing:

742,850

Easting:

2,347,646

Inspection Date: 8/26/2010 8:56:31 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 76

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: Faint in bottle

Green

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826085016.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-77

Time Collected: 0850

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.51 units

Temperature: 76 °F


Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 05-216 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in): 67					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: Slight		<input type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds		<input type="checkbox"/> Sewage <input checked="" type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur <input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: None		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			



Osh09_DSCN6687.JPG

Sampling Results
Sample Location: Pool
Sample ID: 090909-61
Time Collected: 0930
Total Chlorine (field): 0 ppm
Free Chlorine (field): 0 ppm
Total Copper (field): 0 ppm
Ammonia (field): ppm
pH (field): 7.64 units
Temperature: 71 °F
Detergents: 0 mg/L
Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-241

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825142910.JPG

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 476,100

Easting: 788,232

State Plane Coordinates:

Northing: 741,565

Easting: 2,348,256

Inspection Date: 8/25/2010 2:39:56 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

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

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 05-241

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	None				<input type="checkbox"/> Other		
Color:	None						
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in):					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):				ppm			
Free Chlorine (field):				ppm			
Total Copper (field):				ppm			
Ammonia (field):				ppm			
pH (field):				units			
Temperature:				°F			
Detergents:				mg/L			
Phenol:				mg/L			

Photo Not Available
Submerged Outfall

_Submerged.jpg

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-241 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825144300.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 365 ft NE of outfall 05-241. Intermediate area consists of industrial parking area to north and institutional buildings to south.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,280

Easting: 788,549

State Plane Coordinates:

Northing: 741,751

Easting: 2,348,570

Inspection Date: 8/25/2010 2:51:03 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Fully

Depth (in): 17

Notes: Most flow going to adjacent storm manhole (rather than to outfall).

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Green

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825144310.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-82

Time Collected: 1453

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.89 units


Temperature: 74 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 05-241 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Abnormal detergent analysis result (bubbles)			
Submerged: Partially		Depth (in): 13					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: None		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: None		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: None		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: None		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
Osh09_DSCN6698.JPG							
Sampling Results							
Sample Location: Pool							
Sample ID: 090909-60							
Time Collected: 1011							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 8.1 units							
Temperature: 76 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-264

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100826081814.JPG

Location Map



Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Mapping GPS

☒ Not Physically Located

County Coordinates:

Northing: 478,464

Easting: 786,975

State Plane Coordinates:

Northing: 743,907

Easting: 2,346,957

Inspection Date: 8/26/2010 8:26:51 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 05-264 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 05-264

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 05-264 US2.				<div>Photo Not Available Submerged Outfall _Submerged.jpg</div>	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Unlikely		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other <input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine <input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Other					
Turbidity: <input type="text" value="None"/>							
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive				<div>Sampling Results</div> <div>Sample Location:</div> <div>Sample ID:</div> <div>Time Collected:</div> <div>Total Chlorine (field): ppm</div> <div>Free Chlorine (field): ppm</div> <div>Total Copper (field): ppm</div> <div>Ammonia (field): ppm</div> <div>pH (field): units</div> <div>Temperature: °F</div> <div>Detergents: mg/L</div> <div>Phenol: mg/L</div>	
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains <input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
<div>Physical Condition Assessment</div> <div>Graffiti: None</div> <div>Erosion: None</div> <div>Deposition: None Depth (in):</div> <div>Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage</div>							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 05-264 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

West New York Ave



o20100826081830.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 20 ft E of outfall 05-264. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 478,467

Easting: 786,994

State Plane Coordinates:

Northing: 743,910

Easting: 2,346,975

Inspection Date: 8/26/2010 8:30:37 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 38

Notes: Smells like grass clippings.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☒ Othe

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826081838.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-24

Time Collected 0830

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.75 units

Temperature: 75 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-52

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100818124946.JPG

Location Map



Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 472,713

Easting: 789,812

State Plane Coordinates:

Northing: 738,208

Easting: 2,349,896

Inspection Date: 8/18/2010 12:57:36 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 06-52 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-52 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818125006.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 472,689

Easting: 789,786

State Plane Coordinates:

Northing: 738,183

Easting: 2,349,871

Inspection Date: 8/18/2010 1:00:07 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 41

Notes: Significant floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818125018.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-89

Time Collected: 1300

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.98 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-216

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

Cast Iron



o20100818134248.JPG

Location Map



Dimensions

Diameter (in): 39

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

☒ Not Physically Located

County Coordinates:

Northing: 474,404

Easting: 788,575

State Plane Coordinates:

Northing: 739,876

Easting: 2,348,629

Inspection Date: 8/18/2010 1:49:03 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 06-216 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 06-216

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other	Photo Not Available Submerged Outfall _Submerged.jpg	
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
				<input type="checkbox"/> Other			
Turbidity:	None						
Color:	None						
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in):					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-216 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818134754.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 72 ft WSW of outfall 06-216. Intermediate area consists of open area east of multifamily residential units.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 474,371

Easting: 788,512

State Plane Coordinates:

Northing: 739,842

Easting: 2,348,566

Inspection Date: 8/18/2010 1:54:02 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 108

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818134806.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-91

Time Collected: 1355

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 6.94 units


Temperature: 83 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 06-216 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: River fly swarm inside manhole.			
Submerged: Fully		Depth (in): 100					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>						<input type="checkbox"/> Other	
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
Sampling Results							
Sample Location: Pool							
Sample ID: 090910-01							
Time Collected: 1240							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 6.96 units							
Temperature: 79 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-221

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100818142820.JPG

Location Map



Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 474,575

Easting: 787,954

State Plane Coordinates:

Northing: 740,036

Easting: 2,348,005

Inspection Date: 8/18/2010 2:38:53 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

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

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-221 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818143346.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 474,552

Easting: 787,942

State Plane Coordinates:

Northing: 740,013

Easting: 2,347,993

Inspection Date: 8/18/2010 2:43:51 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 36

Notes: Torn paper and other floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Depth (in):

Damage: None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818143354.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-79

Time Collected: 1445

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.21 units

Temperature: 79 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-253

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

RCP



o20100818134248.JPG

Dimensions

Diameter (in):

Height/Depth (in): 34

Width (in): 53

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 474,389

Easting: 788,576

State Plane Coordinates:

Northing: 739,861

Easting: 2,348,630

Inspection Date: 8/18/2010 1:51:34 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 06-263 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 06-253

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other	Photo Not Available Submerged Outfall <i>_Submerged.jpg</i>	
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
					<input type="checkbox"/> Other		
Turbidity:	<input type="text" value="None"/>						
Color:	<input type="text" value="None"/>						
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			Sampling Results <hr/> Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in):					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-253 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818135914.JPG

Dimensions

Diameter (in):

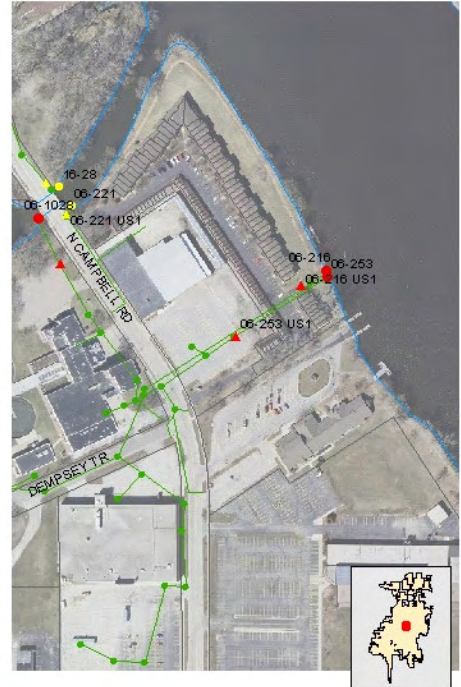
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 266 ft WSW of outfall 06-253. Intermediate area consists of multifamily residential buildings.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 474,249

Easting: 788,349

State Plane Coordinates:

Northing: 739,717

Easting: 2,348,406

Inspection Date: 8/18/2010 2:07:41 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 43

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818135922.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-86

Time Collected: 1410

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.05 units


Temperature: 81 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 06-253 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, slight flow				Notes: River fly swarm inside manhole.			
Submerged: Fully		Depth (in): 38					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: None		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: None		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: None		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: None		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
Osh09_DSCN6791.JPG							
Sampling Results							
Sample Location: Pool							
Sample ID: 090910-26							
Time Collected: 1255							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 6.92 units							
Temperature: 79 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-729

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100825103932.JPG

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 474,070

Easting: 786,965

State Plane Coordinates:

Northing: 739,514

Easting: 2,347,025

Inspection Date: 8/25/2010 10:46:31 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 06-729 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 06-729

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:		<div style="border: 1px solid black; padding: 10px; background-color: #f0f0f0;"><h2 style="margin: 0;">Photo Not Available</h2><h3 style="margin: 0;">Submerged Outfall</h3><p style="margin: 10px 0;">_Submerged.jpg</p></div>	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>		<input type="checkbox"/> Other					
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment						Sampling Results <hr/> <div>Sample Location:</div> <div>Sample ID:</div> <div>Time Collected:</div> <div>Total Chlorine (field): ppm</div> <div>Free Chlorine (field): ppm</div> <div>Total Copper (field): ppm</div> <div>Ammonia (field): ppm</div> <div>pH (field): units</div> <div>Temperature: °F</div> <div>Detergents: mg/L</div> <div>Phenol: mg/L</div>	
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in):					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-729 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825110414.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 522 ft SSE of outfall 06-729. Intermediate manholes located inside wastewater treatment plant fence.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 473,600

Easting: 787,169

State Plane Coordinates:

Northing: 739,047

Easting: 2,347,238

Inspection Date: 8/25/2010 11:14:23 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 19

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825110424.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-65

Time Collected: 1110

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.31 units


Temperature: 71 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 06-729 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, slight flow				Notes:			
Submerged: Fully		Depth (in): 13					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
<i>Osh09_DSCN6819.JPG</i>							
Sampling Results							
Sample Location: Pool							
Sample ID: 090910-10							
Time Collected: 1528							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 7.2 units							
Temperature: 75 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-810

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100818130938.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 38

Width (in): 60

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 473,225

Easting: 789,346

State Plane Coordinates:

Northing: 738,712

Easting: 2,349,421

Inspection Date: 8/18/2010 1:15:26 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

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

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 06-810

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:		<div style="border: 1px solid black; padding: 10px; background-color: #f0f0f0;"><h3>Photo Not Available</h3><h4>Submerged Outfall</h4><p><i>_Submerged.jpg</i></p></div>	
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<input type="text" value="None"/>				<input type="checkbox"/> Other		
Color:	<input type="text" value="None"/>						
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment						Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Graffiti:	<input type="text" value="None"/>						
Erosion:	<input type="text" value="None"/>						
Deposition:	<input type="text" value="None"/>	Depth (in):					
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-810 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818131228.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 473,170

Easting: 789,293

State Plane Coordinates:

Northing: 738,655

Easting: 2,349,369

Inspection Date: 8/18/2010 1:18:51 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 55

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floating: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☒ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Yellow

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818131246.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-88

Time Collected: 1320

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0.5 ppm

pH (field): 7.68 units


Temperature: 78 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 06-810 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Abnormal detergent analysis result (bubbles)			
Submerged: Partially		Depth (in): 6					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
<i>Osh09_DSCN6801.JPG</i>							
Sampling Results							
Sample Location: Pool							
Sample ID: 090910-65							
Time Collected: 1405							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 8.42 units							
Temperature: 82 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-1028

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100818145512.JPG

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 474,544

Easting: 787,874

State Plane Coordinates:

Northing: 740,004

Easting: 2,347,926

Inspection Date: 8/18/2010 3:02:40 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 06-1028 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 06-1028

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other	Photo Not Available Submerged Outfall <i>_Submerged.jpg</i>	
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<input type="text" value="None"/>				<input type="checkbox"/> Other		
Color:	<input type="text" value="None"/>						
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<input type="text"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	<input type="text" value="None"/>						
Erosion:	<input type="text" value="None"/>						
Deposition:	<input type="text" value="None"/>	Depth (in):					
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):						ppm	
Free Chlorine (field):						ppm	
Total Copper (field):						ppm	
Ammonia (field):						ppm	
pH (field):						units	
Temperature:						°F	
Detergents:						mg/L	
Phenol:						mg/L	

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-1028 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818145842.JPG

Dimensions

Diameter (in):

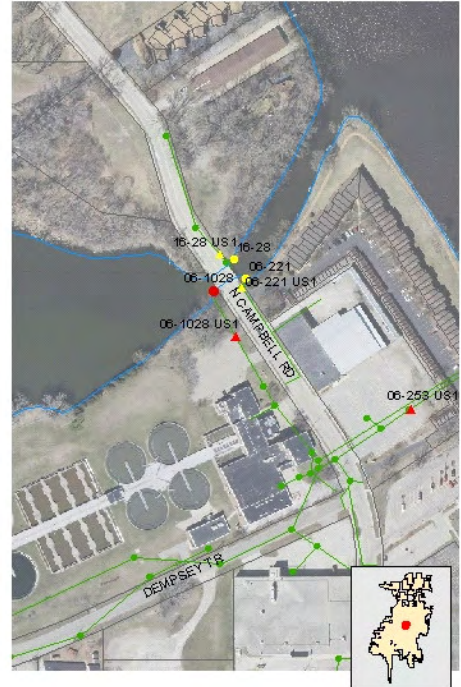
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 122 ft SSE of outfall 06-1028. Intermediate area consists of open area and paved parking lot.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 474,434

Easting: 787,926

State Plane Coordinates:

Northing: 739,894

Easting: 2,347,979

Inspection Date: 8/18/2010 3:07:00 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 18

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818145848.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-87

Time Collected: 1505

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.46 units


Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 06-1028 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Slight sulfide odor.			
Submerged: Fully		Depth (in): 16					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: Slight		<input type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds		<input type="checkbox"/> Sewage <input checked="" type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input checked="" type="checkbox"/> Sulfur <input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: None		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 3					
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
							
Osh09_DSCN6796.JPG							
Sampling Results							
Sample Location: Pool							
Sample ID: 090910-72							
Time Collected: 1316							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 7.72 units							
Temperature: 80 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-1694

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:



o20100825103400.JPG

Location Map



Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 473,980

Easting: 786,742

State Plane Coordinates:

Northing: 739,419

Easting: 2,346,804

Inspection Date: 8/25/2010 10:41:35 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 06-1694 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 06-1694

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: <div style="border: 1px solid black; height: 40px;"></div>		<div style="border: 1px solid black; padding: 10px; background-color: #f0f0f0;">Photo Not Available Submerged Outfall <i>_Submerged.jpg</i></div>	
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<div style="border: 1px solid black; padding: 2px;">None</div>			<input type="checkbox"/> Other			
Color:	<div style="border: 1px solid black; padding: 2px;">None</div>						
Vegetation:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in):					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):						ppm	
Free Chlorine (field):						ppm	
Total Copper (field):						ppm	
Ammonia (field):						ppm	
pH (field):						units	
Temperature:						°F	
Detergents:						mg/L	
Phenol:						mg/L	

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 06-1694 US1

Major Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825104144.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 109 ft S of outfall 06-1694. Intermediate area consists of open area north of wastewater treatment plant.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 473,884

Easting: 786,792

State Plane Coordinates:

Northing: 739,324

Easting: 2,346,856

Inspection Date: 8/25/2010 10:50:34 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 40

Notes: Floatable solid waste in curb inlet.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor

Depth (in): 2

Damage: None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825104154.JPG

Sampling Results

Sample Location: Flow

Sample ID: 100825-98

Time Collected: 1056

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.5 units


Temperature: 72 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 06-1694 US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully		Depth (in): 36					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
<i>Osh09_DSCN6814.JPG</i>							
Sampling Results							
Sample Location: Pool							
Sample ID: 090910-25							
Time Collected: 1503							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 7.57 units							
Temperature: 79 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-55

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

PVC



o20100817104052.JPG

Location Map



Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,256

Easting: 794,053

State Plane Coordinates:

Northing: 736,827

Easting: 2,354,163

Inspection Date: 8/17/2010 10:47:38 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-55 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-55 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817104600.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 47 ft NNW of outfall 08-55. Intermediate area consists of open space.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,301

Easting: 794,045

State Plane Coordinates:

Northing: 736,872

Easting: 2,354,154

Inspection Date: 8/17/2010 10:52:47 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 14

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☒ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817104610.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-03

Time Collected: 1055

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.56 units

Temperature: 75 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-100

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

Vitrified Clay

Photo Not Available
Submerged Outfall

_Submerged.jpg

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,769

Easting: 793,310

State Plane Coordinates:

Northing: 737,327

Easting: 2,353,410

Location Map



Inspection Date: 10/20/2010 9:00:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-100 US1 and US3.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-100 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20101020091150.jpg

Dimensions

Diameter (in):

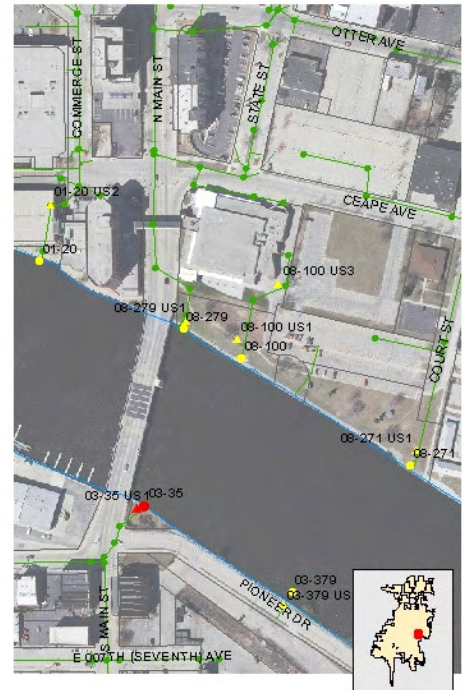
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 48 ft NNW of outfall 08-100. Intermediate area consists of open space. Area under excavation.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,817

Easting: 793,301

State Plane Coordinates:

Northing: 737,374

Easting: 2,353,401

Inspection Date: 10/20/2010 9:11:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Manhole excavated during construction. Screened at 08-100 US3.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

Severe

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20101020091150.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 08-100 US1

Inspection Date: 6/2/2010 9:05:00 AM		Inspector: JCW		Inspection Type: Other		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate			Notes: Initial locate only - no formal screening activities.				
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Unlikely			<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up				
Floatables: <input type="text" value="None"/>			<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other				
			<input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris				
Odor: <input type="text" value="None"/>			<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine				
			<input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour				
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>			<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>			<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other				
Stains: <input type="text" value="None"/>			<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains				
			<input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other				
Physical Condition Assessment						Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Graffiti: None							
Erosion: None							
Deposition: None Depth (in):							
Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-100 US3

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

North Main St



o20101020092102.jpg

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 209 ft NNE of outfall 08-100. Intermediate area consists of open space and paved parking area.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,949

Easting: 793,404

State Plane Coordinates:

Northing: 737,509

Easting: 2,353,502

Inspection Date: 10/20/2010 9:21:20 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 24

Notes: First manhole upstream of outfall excavated. Next upstream manhole not located.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☒ Sulfur

☐ Sour

Turbidity: None

☐ Othe

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Moderate

☒ Flow Line

☐ Oil

☒ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20101020092112.jpg

Sampling Results

Sample Location: Pool

Sample ID: 101020-79

Time Collected 0920

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.06 units

Temperature: 56 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-162

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

Vitrified Clay



o20100817083438.JPG

Location Map



Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 469,477

Easting: 797,433

State Plane Coordinates:

Northing: 735,109

Easting: 2,357,574

Inspection Date: 8/17/2010 8:23:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-162 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris
☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour
☐ Other

Odor: None

Turbidity: None

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None
Erosion: None
Deposition: None Depth (in):
Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-162 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - brick



o20100817083802.JPG

Dimensions

Diameter (in):

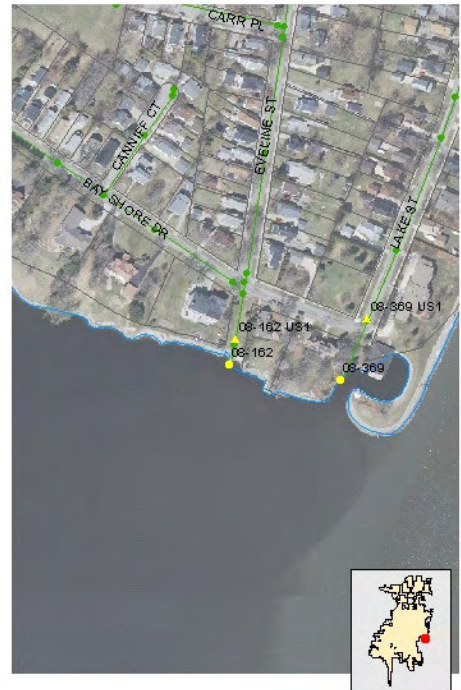
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 67 ft NNE of outfall 08-162. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 469,540

Easting: 797,451

State Plane Coordinates:

Northing: 735,172

Easting: 2,357,590

Inspection Date: 8/17/2010 8:43:24 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 19

Notes: Very small spot (one or two drops) of oil sheen in pool.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☒ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817083810.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-53

Time Collected: 0845

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.94 units

Temperature: 71 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-270

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

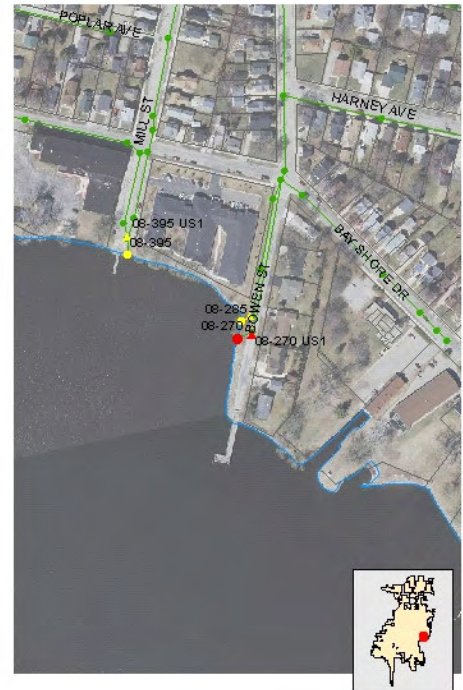
Material:

CMP



o20100817085456.JPG

Location Map



Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 470,680

Easting: 795,644

State Plane Coordinates:

Northing: 736,280

Easting: 2,355,763

Inspection Date: 8/17/2010 8:54:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged. Outfall screened upstream at 08-270 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 08-270

Inspection Date: 9/8/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-270 US1.			
Submerged: Fully		Depth (in): 37					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other	 <i>Osh09_DSCN6656.JPG</i>	
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<input type="text" value="None"/>						
Color:	<input type="text" value="None"/>						
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	<input type="text" value="None"/>						
Erosion:	<input type="text" value="None"/>						
Deposition:	<input type="text" value="None"/>	Depth (in):					
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):				ppm			
Free Chlorine (field):				ppm			
Total Copper (field):				ppm			
Ammonia (field):				ppm			
pH (field):				units			
Temperature:				°F			
Detergents:				mg/L			
Phenol:				mg/L			

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-270 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

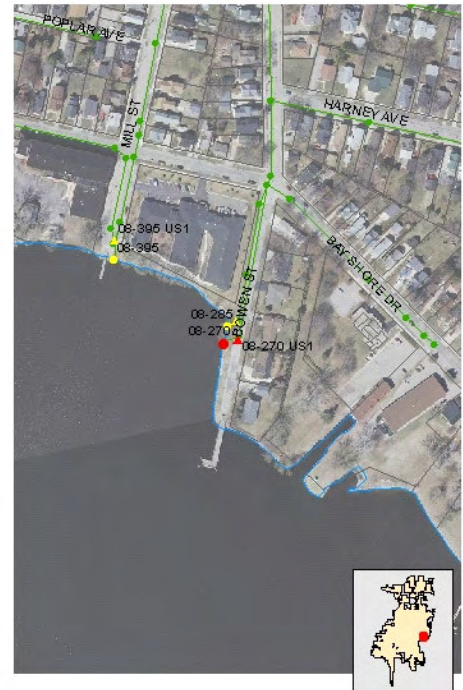
Material:

Manhole - concrete



o20100817085602.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 34 ft ENE of outfall 08-270. Intermediate area consists of road right-of-way and shoreline.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

470,692

Easting:

795,677

State Plane Coordinates:

Northing:

736,292

Easting:

2,355,796

Inspection Date: 8/17/2010 9:05:04 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 30

Notes: 30" pool, fully submerged - 36" CMP information from MS4 suspect.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☒ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817085620.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-07

Time Collected: 0905

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.88 units


Temperature: 72 °F

Detergents: 0 mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 08-270 US1

Inspection Date: 9/8/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully Depth (in): 30							
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>		<input type="checkbox"/> Other					
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains		Sampling Results Sample Location: Pool Sample ID: 090908-28 Time Collected: 1500 Total Chlorine (field): 0 ppm Free Chlorine (field): 0 ppm Total Copper (field): 0 ppm Ammonia (field): ppm pH (field): 8.26 units Temperature: 77 °F Detergents: 0 mg/L Phenol: 0 mg/L	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None Erosion: None Deposition: None Depth (in): 0 Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed <input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage							

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-271

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100817105524.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 22

Width (in): 36

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,501

Easting: 793,717

State Plane Coordinates:

Northing: 737,066

Easting: 2,353,822

Inspection Date: 8/17/2010 11:02:58 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-271 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-271 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817105658.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 39 ft NNE of outfall 08-271. Intermediate area consists of open space under construction.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,536

Easting: 793,734

State Plane Coordinates:

Northing: 737,102

Easting: 2,353,839

Inspection Date: 8/17/2010 11:05:29 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 29

Notes: Area under construction - manhole undisturbed.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817105714.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-24

Time Collected: 1105

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.79 units

Temperature: 74 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-279

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP

Basin Name:

North Main St



o20100817111406.JPG

Dimensions

Diameter (in): 42

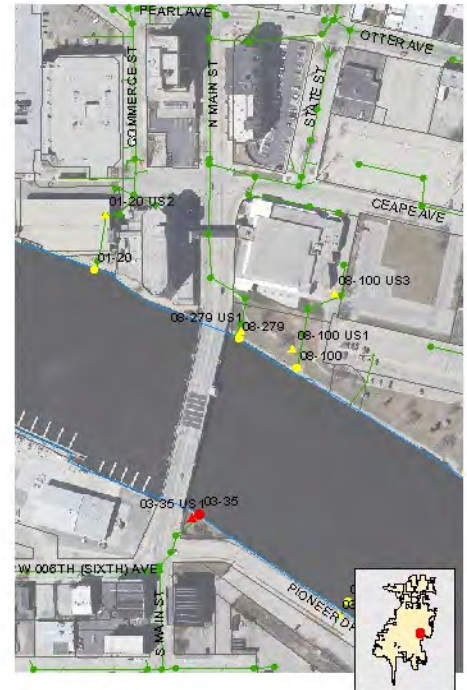
Height/Depth (in):

Width (in):

Outfall Notes:

Outfall partially submerged.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,843

Easting: 793,170

State Plane Coordinates:

Northing: 737,398

Easting: 2,353,269

Inspection Date: 8/17/2010 11:20:23 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 41

Notes: Outfall partially submerged. Outfall screened upstream at 08-279 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: Moderate

☒ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100817111416.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-279 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817111740.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 24 ft NNE of outfall 08-279. Intermediate area consists of open space under construction.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,863

Easting: 793,176

State Plane Coordinates:

Northing: 737,418

Easting: 2,353,275

Inspection Date: 8/17/2010 11:24:22 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 29

Notes: Area under construction - manhole undisturbed.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817111750.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-30

Time Collected: 1125

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.96 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-284

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100817093554.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 27

Width (in): 43

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,043

Easting: 794,830

State Plane Coordinates:

Northing: 736,629

Easting: 2,354,943

Inspection Date: 8/17/2010 9:35:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-284 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-284 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817093830.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

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

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,067

Easting: 794,833

State Plane Coordinates:

Northing: 736,653

Easting: 2,354,946

Inspection Date: 8/17/2010 9:47:15 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 31

Notes: Significant floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817093838.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-22

Time Collected: 0945

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.64 units

Temperature: 74 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-285

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

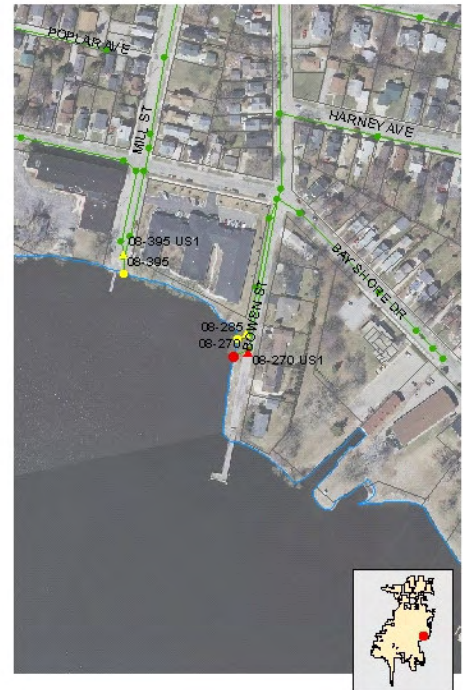
Material:

RCP



o20100817090608.JPG

Location Map



Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall partially submerged.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,725

Easting: 795,653

State Plane Coordinates:

Northing: 736,325

Easting: 2,355,772

Inspection Date: 8/17/2010 9:13:42 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 26

Notes: Outfall partially submerged. Outfall screened upstream at 08-285 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Moderate

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817090616.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-285 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

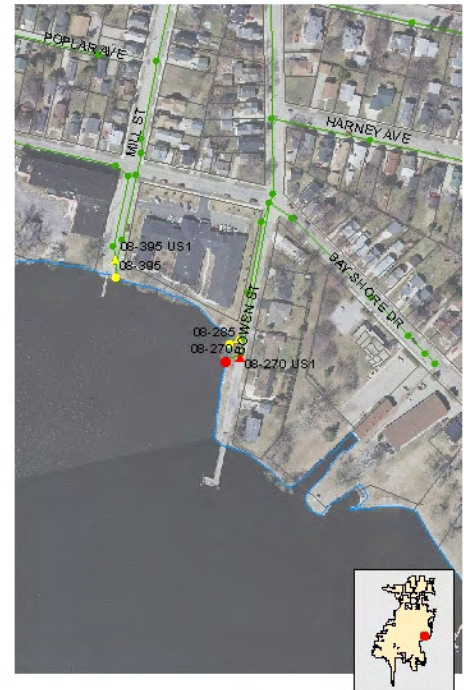
Material:

Manhole - concrete



o20100817091004.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 25 ft ENE of outfall 08-285. Intermediate area consists of open space.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,736

Easting: 795,676

State Plane Coordinates:

Northing: 736,336

Easting: 2,355,794

Inspection Date: 8/17/2010 9:19:10 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 24

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited ☐ Excessive

Benthic Growth:

Moderate

☒ Green ☐ Brown ☐ Orange ☐ Other

Stains:

None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100817091012.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-54

Time Collected: 0920

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.1 units

Temperature: 71 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-347

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP

Basin Name:

Broad St



o20100817100702.JPG

Dimensions

Diameter (in): 42

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,171

Easting: 794,227

State Plane Coordinates:

Northing: 736,745

Easting: 2,354,338

Inspection Date: 8/17/2010 10:13:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

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

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-347 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817100938.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 64 ft NNE of outfall 08-347. Intermediate area consists of gravel parking area and railroad storage shed.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,232

Easting: 794,245

State Plane Coordinates:

Northing: 736,806

Easting: 2,354,355

Inspection Date: 8/17/2010 10:17:46 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 48

Notes: Significant floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817100950.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-66

Time Collected: 1020

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.71 units

Temperature: 74 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-350

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100826105100.JPG

Dimensions

Diameter (in): 18

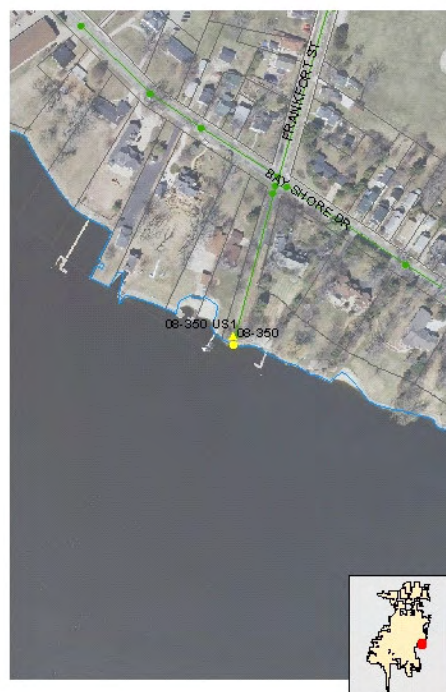
Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. Pipe larger than 18" shown on map.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 469,787

Easting: 796,602

State Plane Coordinates:

Northing: 735,405

Easting: 2,356,738

Inspection Date: 8/26/2010 10:59:27 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-350 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-350 US1

Minor Outfall - Alternate Location

Structure Type:

Closed Pipe Outfall

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826105736.JPG

Dimensions

Diameter (in):

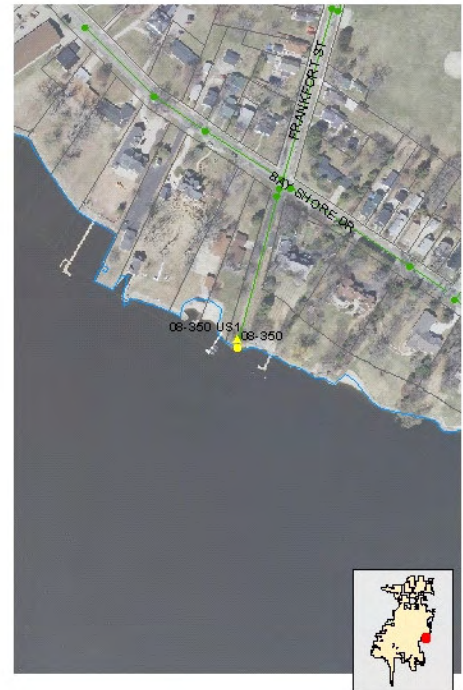
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 21 ft N of outfall 08-350. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

469,809

Easting:

796,602

State Plane Coordinates:

Northing:

735,426

Easting:

2,356,737

Inspection Date: 8/26/2010 11:04:22 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Notes: Large crickets in manhole.

Submerged: Fully

Depth (in): 24

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Moderate

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826105750.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-22

Time Collected: 1105

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.71 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-369

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

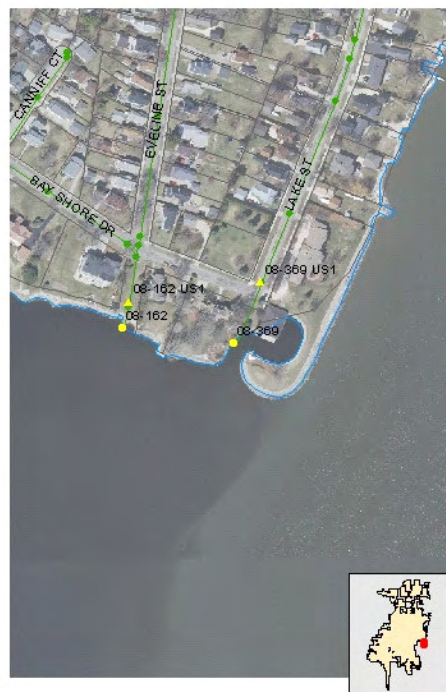
Material:

Vitrified Clay



o20100817081940.JPG

Location Map



Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 469,434

Easting: 797,704

State Plane Coordinates:

Northing: 735,071

Easting: 2,357,845

Inspection Date: 8/17/2010 8:19:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-369 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-369 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817082106.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 165 ft NNE of outfall 08-369. Intermediate area consists of residential property and street right-of-way.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 469,583

Easting: 797,773

State Plane Coordinates:

Northing: 735,221

Easting: 2,357,912

Inspection Date: 8/17/2010 8:31:22 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 18

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817082200.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-58

Time Collected: 0830

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.72 units

Temperature: 71 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-395

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

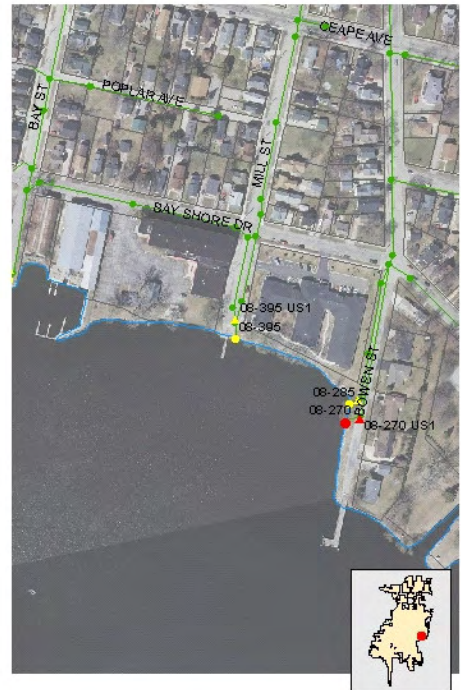
Material:

CMP



o20100817095222.JPG

Location Map



Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 470,890

Easting: 795,379

State Plane Coordinates:

Northing: 736,485

Easting: 2,355,495

Inspection Date: 8/17/2010 9:58:51 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 08-395 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 08-395 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817095412.JPG

Dimensions

Diameter (in):

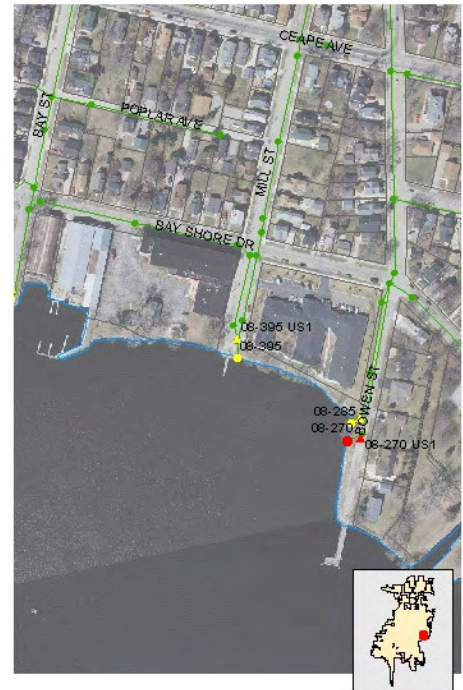
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 45 ft N of outfall 08-395. Intermediate area consists of paved parking and boat launch.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,936

Easting: 795,381

State Plane Coordinates:

Northing: 736,531

Easting: 2,355,496

Inspection Date: 8/17/2010 10:02:40 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 32

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817095422.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-56

Time Collected: 1003

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.83 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-32

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

RCP



o20100818105918.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 12

Width (in): 19

Outfall Notes:

Outfall not physically located - behind fence. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 471,979

Easting: 791,173

State Plane Coordinates:

Northing: 737,498

Easting: 2,351,270

Inspection Date: 8/18/2010 11:06:29 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Upstream manhole (09-32 US1) not accessible.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 09-32

Inspection Date: 9/10/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+	
Flow Description: Submerged: _____ Depth (in): 0		Notes: <div style="border: 1px solid black; height: 40px;"></div>		<div style="border: 1px solid black; padding: 10px; background-color: #f0f0f0;">Photo Not Available Submerged Outfall <i>_Submerged.jpg</i></div>	
Illicit Discharge Potential:					
Floatables: <input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage		<input type="checkbox"/> Other
Odor: <input type="text" value="None"/>	<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris		
Turbidity: <input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage		<input type="checkbox"/> Chlorine
Color: <input type="text" value="None"/>	<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour	
				<input type="checkbox"/> Other	
Vegetation: <input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive			
Benthic Growth: <input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other	
Stains: <input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains		
	<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other		
Physical Condition Assessment					
Graffiti: None					
Erosion: None					
Deposition: None	Depth (in): 0				
Damage: None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed		
	<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage			
Sampling Results					
Sample Location: _____					
Sample ID: _____					
Time Collected: _____					
Total Chlorine (field):				ppm	
Free Chlorine (field):				ppm	
Total Copper (field):				ppm	
Ammonia (field):				ppm	
pH (field):				units	
Temperature:				°F	
Detergents:				mg/L	
Phenol:				mg/L	

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-32 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:



o20100818110338.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 69 ft S of outfall 09-32. Inaccessible - paved over. No other manhole outside building.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing:

471,910

Easting:

791,165

State Plane Coordinates:

Northing:

737,430

Easting:

2,351,263

Inspection Date: 8/18/2010 11:10:55 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Manhole not positively located. May be paved over.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 09-32 US1

Inspection Date: 9/10/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+
Flow Description:		Notes: Unable to screen at this location.		
Submerged:	Depth (in): 0			
Illicit Discharge Potential: Unlikely		<input checked="" type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up		
Floatables:	<input type="text"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage <input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris
Odor:	<input type="text"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur <input type="checkbox"/> Sour
Turbidity:	<input type="text"/>			<input type="checkbox"/> Other
Color:	<input type="text"/>			
Vegetation:	<input type="text"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive	
Benthic Growth:	<input type="text"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange <input type="checkbox"/> Other
Stains:	<input type="text"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other
Physical Condition Assessment				
Graffiti:	None			
Erosion:	None			
Deposition:	Depth (in): 0			
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage	
				
Sampling Results				
Sample Location:				
Sample ID:				
Time Collected:				
Total Chlorine (field): ppm				
Free Chlorine (field): ppm				
Total Copper (field): ppm				
Ammonia (field): ppm				
pH (field): units				
Temperature: °F				
Detergents: mg/L				
Phenol: mg/L				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-84

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

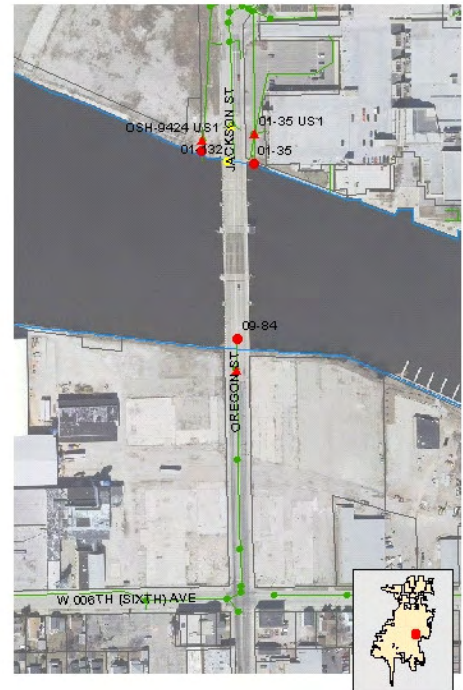
Material:

Vitrified Clay



Osh09_DSCN6770.JPG

Location Map



Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged under bridge and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

☒ Not Physically Located

County Coordinates:

Northing: 471,931

Easting: 791,819

State Plane Coordinates:

Northing: 737,462

Easting: 2,351,917

Inspection Date: 10/20/2010 10:34:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 09-84 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 09-84

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:		<div style="border: 1px solid black; padding: 10px; background-color: #f0f0f0;"><h2 style="margin: 0;">Photo Not Available</h2><h3 style="margin: 0;">Submerged Outfall</h3><p style="margin: 10px 0;">_Submerged.jpg</p></div>	
Submerged: Fully		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<input type="text" value="None"/>				<input type="checkbox"/> Other		
Color:	<input type="text" value="None"/>						
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment						Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Graffiti:	<input type="text" value="None"/>						
Erosion:	<input type="text" value="None"/>						
Deposition:	<input type="text" value="None"/>	Depth (in):					
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-84 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - brick



o20101020102402.jpg

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 78 ft S of outfall 09-84. Intermediate area consists of bridge and approach.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,857

Easting: 791,816

State Plane Coordinates:

Northing: 737,388

Easting: 2,351,915

Inspection Date: 10/20/2010 10:26:10 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 24

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20101020102410.jpg

Sampling Results

Sample Location: Pool

Sample ID: 101020-94

Time Collected: 1025

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.23 units

Temperature: 56 °F


Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 09-84 US1

Inspection Date: 9/10/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Abnormal detergent analysis result (bubbles)			
Submerged: Fully Depth (in): 16					
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris	
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour
Turbidity:	<input type="text" value="None"/>			<input type="checkbox"/> Other	
Color:	<input type="text" value="None"/>				
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive		
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other	
Physical Condition Assessment					
Graffiti:	<input type="text" value="None"/>				
Erosion:	<input type="text" value="None"/>				
Deposition:	<input type="text" value="None"/>	Depth (in): 0			
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage		



Osh09_DSCN6772.JPG

Sampling Results
Sample Location: Pool
Sample ID: 090910-21
Time Collected: 1016
Total Chlorine (field): 0 ppm
Free Chlorine (field): 0 ppm
Total Copper (field): 0 ppm
Ammonia (field): ppm
pH (field): 8.03 units
Temperature: 76 °F
Detergents: 0 mg/L
Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-101a

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Box

Material:

RCP



Osh09_DSCN6774.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall not physically screened - behind fence. May consist of three outfalls within one concrete box culvert.

Mapping Precision:

Desktop mapping estimate

☐ Not Physically Located

County Coordinates:

Northing: 471,884

Easting: 790,634

State Plane Coordinates:

Northing: 737,393

Easting: 2,350,733

Inspection Date: 8/18/2010 10:55:07 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 09-101a US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 09-101a

Inspection Date: 9/10/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+
Flow Description:		Notes:		
Submerged: Partially	Depth (in):			
Illicit Discharge Potential: Unlikely		<input checked="" type="checkbox"/> Field Follow-up <input checked="" type="checkbox"/> Office Follow-up		
Floatables: <input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other
	<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris	
Odor: <input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine
	<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour
Turbidity: <input type="text" value="None"/>				<input type="checkbox"/> Other
Color: <input type="text" value="None"/>				
Vegetation: <input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive		
Benthic Growth: <input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other
Stains: <input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains	
	<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other	
Physical Condition Assessment				
Graffiti:	<input type="text" value="None"/>			
Erosion:	<input type="text" value="None"/>			
Deposition:	<input type="text" value="None"/>	Depth (in):		
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage	
Sampling Results				
Sample Location:				
Sample ID:				
Time Collected:				
Total Chlorine (field): ppm				
Free Chlorine (field): ppm				
Total Copper (field): ppm				
Ammonia (field): ppm				
pH (field): units				
Temperature: °F				
Detergents: mg/L				
Phenol: mg/L				

Photo Not Available
Submerged Outfall

_Submerged.jpg

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-101a US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818103828.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 292 ft SSW of outfall 09-101a. Intermediate area consists of gravel parking area for industrial property.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,604

Easting: 790,555

State Plane Coordinates:

Northing: 737,112

Easting: 2,350,659

Inspection Date: 8/18/2010 10:47:15 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 24

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818103836.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-75

Time Collected: 1045

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.65 units


Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 09-101a US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Fully Depth (in): 22							
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>		<input type="checkbox"/> Other					
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			Sampling Results <hr/> Sample Location: Pool Sample ID: 090910-67 Time Collected: 1055 Total Chlorine (field): 0 ppm Free Chlorine (field): 0 ppm Total Copper (field): 0 ppm Ammonia (field): ppm pH (field): 8.19 units Temperature: 74 °F Detergents: 0 mg/L Phenol: 0 mg/L
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed					
		<input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage					

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-101b

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Box

Material:

RCP



Osh09_DSCN6774.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall not physically screened - behind fence. May consist of three outfalls within one concrete box culvert.

Mapping Precision:

Desktop mapping estimate

☐ Not Physically Located

County Coordinates:

Northing: 471,883

Easting: 790,642

State Plane Coordinates:

Northing: 737,393

Easting: 2,350,741

Inspection Date: 8/18/2010 10:58:06 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 09-101b US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 09-101b

Inspection Date: 9/10/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+	
Flow Description:		Notes:			
Submerged: Partially Depth (in):					
Illicit Discharge Potential: Unlikely		<input checked="" type="checkbox"/> Field Follow-up <input checked="" type="checkbox"/> Office Follow-up			
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris	
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour
Turbidity:	<input type="text" value="None"/>			<input type="checkbox"/> Other	
Color:	<input type="text" value="None"/>				
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive		
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other	
Physical Condition Assessment					
Graffiti:	<input type="text" value="None"/>				
Erosion:	<input type="text" value="None"/>				
Deposition:	<input type="text" value="None"/>	Depth (in):			
Damage:	<input type="text" value="None"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage		

Photo Not Available

Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-101b US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

RCP



o20100818111606.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 655 ft SSW of outfall 09-101b. Intermediate area consists of gravel parking area for industrial property.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,246

Easting: 790,512

State Plane Coordinates:

Northing: 736,754

Easting: 2,350,623

Inspection Date: 8/18/2010 11:20:42 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially Depth (in): 30

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None ☐ Inhibited ☐ Excessive

Benthic Growth:

None ☐ Green ☐ Brown ☐ Orange ☐ Other

Stains:

None ☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage



o20100818111616.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-82

Time Collected: 1120

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.88 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 09-101b US1

Inspection Date: 9/10/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, slight flow				Notes:			
Submerged: Partially		Depth (in): 28					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location: Flow							
Sample ID: 090910-05							
Time Collected: 1118							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 8.21 units							
Temperature: 78 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							



Osh09_DSCN6780.JPG

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-101c

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Box

Material:

RCP



Osh09_DSCN6774.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall not physically screened - behind fence. May consist of three outfalls within one concrete box culvert.

Location Map



Mapping Precision:

Desktop mapping estimate

☐ Not Physically Located

County Coordinates:

Northing: 471,883

Easting: 790,649

State Plane Coordinates:

Northing: 737,393

Easting: 2,350,748

Inspection Date: 8/18/2010 11:01:01 AM		Inspector: JCW	Inspection Type: Ongoing	Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 09-101c US1.			
Submerged: Partially Depth (in):					
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris	
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour
Turbidity:	None			<input type="checkbox"/> Other	
Color:	None				
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive		
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other
Stains:	None	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other	
Physical Condition Assessment					
Graffiti:	None				
Erosion:	None				
Deposition:	None	Depth (in):			
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage		
Photo Not Available Submerged Outfall _Submerged.jpg					
Sampling Results					
Sample Location:					
Sample ID:					
Time Collected:					
Total Chlorine (field): ppm					
Free Chlorine (field): ppm					
Total Copper (field): ppm					
Ammonia (field): ppm					
pH (field): units					
Temperature: °F					
Detergents: mg/L					
Phenol: mg/L					

City of Oshkosh

Outfall ID: 09-101c

Inspection Date: 9/10/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+	
Flow Description:		<div style="border: 1px solid black; height: 40px; width: 100%; padding: 5px;">Notes:</div>			
Submerged: Partially Depth (in):					
Illicit Discharge Potential: Potential		<input checked="" type="checkbox"/> Field Follow-up <input checked="" type="checkbox"/> Office Follow-up			
Floatables:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris	
Odor:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour
Turbidity:	<div style="border: 1px solid black; padding: 2px;">None</div>			<input type="checkbox"/> Other	
Color:	<div style="border: 1px solid black; padding: 2px;">None</div>				
Vegetation:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive		
Benthic Growth:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other
Stains:	<div style="border: 1px solid black; padding: 2px;">None</div>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other	
<div style="border: 1px solid black; padding: 5px;">Physical Condition Assessment</div>					
Graffiti:	None				
Erosion:	None				
Deposition:	None	Depth (in):			
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage		
<div style="border: 1px solid black; padding: 10px; width: 250px; margin: 10px auto;">Photo Not Available Submerged Outfall <i>_Submerged.jpg</i></div>					
<div style="border: 1px solid black; padding: 5px;">Sampling Results</div>					
Sample Location:					
Sample ID:					
Time Collected:					
Total Chlorine (field):				ppm	
Free Chlorine (field):				ppm	
Total Copper (field):				ppm	
Ammonia (field):				ppm	
pH (field):				units	
Temperature:				°F	
Detergents:				mg/L	
Phenol:				mg/L	

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-101c US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20101020093508.jpg

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 605 ft SSW of outfall 09-101c. Intermediate area consists of gravel parking area for industrial property.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 471,296

Easting: 790,525

State Plane Coordinates:

Northing: 736,804

Easting: 2,350,634

Inspection Date: 10/20/2010 9:35:37 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Notes: Floatable debris in manhole.

Submerged: Fully

Depth (in): 16

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20101020093518.jpg

Sampling Results

Sample Location: Pool

Sample ID: 101020-53

Time Collected: 0935

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.88 units


Temperature: 55 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 09-101c US1

Inspection Date: 9/11/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: None		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: Slight		<input checked="" type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds		<input type="checkbox"/> Sewage <input checked="" type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur <input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: None		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in):					
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
							
				<i>Osh09_DSCN6891.JPG</i>			
Sampling Results							
Sample Location:				Pool			
Sample ID:				090911-71			
Time Collected:				1054			
Total Chlorine (field):				0 ppm			
Free Chlorine (field):				0 ppm			
Total Copper (field):				0 ppm			
Ammonia (field):				ppm			
pH (field):				8.13 units			
Temperature:				74 °F			
Detergents:				0 mg/L			
Phenol:				0 mg/L			

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-317

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100818123248.JPG

Location Map



Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall behind locked fence and likely submerged. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 472,280

Easting: 789,920

State Plane Coordinates:

Northing: 737,777

Easting: 2,350,012

Inspection Date: 8/18/2010 12:41:20 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 09-317 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 09-317 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - brick



o20100818123302.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 70 ft W of outfall 09-317. Intermediate area consists of open space.

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 472,288

Easting: 789,850

State Plane Coordinates:

Northing: 737,784

Easting: 2,349,942

Inspection Date: 8/18/2010 12:46:08 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 18

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

Slight cloudiness

☐ Other

Color:

Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818123350.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-84

Time Collected: 1245

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.34 units

Temperature: 78 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-569

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819143022.JPG

Location Map



Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 479,314

Easting: 786,529

State Plane Coordinates:

Northing: 744,749

Easting: 2,346,496

Inspection Date: 8/19/2010 2:37:50 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 12-569 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-569 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819143426.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 48 ft ESE of outfall 12-569. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,306

Easting: 786,577

State Plane Coordinates:

Northing: 744,742

Easting: 2,346,543

Inspection Date: 8/19/2010 2:41:43 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Notes: Severe floatable debris

Submerged: Fully

Depth (in): 38

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Yellow

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819143434.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-30

Time Collected: 1440

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.59 units

Temperature: 79 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-576

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100819133944.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 44

Width (in): 72

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 481,102

Easting: 785,877

State Plane Coordinates:

Northing: 746,525

Easting: 2,345,811

Inspection Date: 8/19/2010 1:47:19 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 12-576 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 12-576

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:		<div style="border: 1px solid black; padding: 10px; background-color: #f0f0f0;"><h2 style="margin: 0;">Photo Not Available</h2><h3 style="margin: 0;">Submerged Outfall</h3><p style="margin: 10px 0;">_Submerged.jpg</p></div>	
Submerged: Fully Depth (in):							
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>		<input type="checkbox"/> Other					
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment						Sampling Results Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L	
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in):					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-576 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819134154.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 52 ft ENE of outfall 12-576. Intermediate area consists of residential lawn area and shoreline.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 481,123

Easting: 785,916

State Plane Coordinates:

Northing: 746,545

Easting: 2,345,849

Inspection Date: 8/19/2010 1:50:40 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 72

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Moderate

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819134200.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-07

Time Collected: 1350

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.85 units


Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 12-576 US1

Inspection Date: 9/9/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+
Flow Description: Submerged, indeterminate		Notes: Abnormal detergent analysis result (bubbles). Significant floatables (bottles) in manhole.		
Submerged: Fully Depth (in): 68				
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up		
Floatables: Severe	<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other			
	<input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input checked="" type="checkbox"/> Solid Waste/Debris			
Odor: None	<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine			
	<input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour			
Turbidity: None		<input type="checkbox"/> Other		
Color: None				
Vegetation: None	<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive			
Benthic Growth: None	<input type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other			
Stains: None	<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains			
	<input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other			
Physical Condition Assessment				
Graffiti: None				
Erosion: None				
Deposition: None Depth (in): 0				
Damage: None <input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed				
<input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage				
Sampling Results				
Sample Location: Pool				
Sample ID: 090909-12				
Time Collected: 0820				
Total Chlorine (field): 0 ppm				
Free Chlorine (field): 0 ppm				
Total Copper (field): 0 ppm				
Ammonia (field): ppm				
pH (field): 8.46 units				
Temperature: 69 °F				
Detergents: 0 mg/L				
Phenol: 0 mg/L				

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-889

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

PVC



o20100819131906.JPG

Location Map



Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

30" ABS pipe. Outfall partially submerged.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 482,268

Easting: 785,402

State Plane Coordinates:

Northing: 747,681

Easting: 2,345,315

Inspection Date: 8/19/2010 1:28:48 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially

Depth (in): 10

Notes: Outfall partially submerged. Outfall screened upstream at 12-889 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains:

Slight

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819131934.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-889 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - brick



o20100819132918.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 363 ft NE of outfall 12-889. Intermediate area consists of open space in cemetery.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

482,459

Easting:

785,711

State Plane Coordinates:

Northing:

747,878

Easting:

2,345,620

Inspection Date: 8/19/2010 1:34:29 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Moderate

Submerged: None

Depth (in):

Notes: Pool in catchbasin, but sample collected from free flow from incoming pipe.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819132934.JPG

Sampling Results

Sample Location: Flow

Sample ID: 100819-22

Time Collected: 1336

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.77 units

Temperature: 77 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-890

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819130154.JPG

Location Map



Dimensions

Diameter (in): 36

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. 36" CMP leaving upstream catchbasin.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 482,186

Easting: 785,317

State Plane Coordinates:

Northing: 747,598

Easting: 2,345,231

Inspection Date: 8/19/2010 1:09:32 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 12-890 US1. Algae in receiving pool.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☒ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-890 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819130854.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream inlet located approx 190 ft NE of outfall 12-890. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 482,309

Easting: 785,463

State Plane Coordinates:

Northing: 747,723

Easting: 2,345,376

Inspection Date: 8/19/2010 1:15:01 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 2

Notes: Log in catchbasin. Small oil spots in pool, possibly from road.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☒ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☒ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: Minor

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819130900.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-54

Time Collected: 1315

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 1 ppm

pH (field): 7.33 units

Temperature: 77 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-972

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

PVC



o20100819121744.JPG

Location Map



Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 483,018

Easting: 784,996

State Plane Coordinates:

Northing: 748,424

Easting: 2,344,896

Inspection Date: 8/19/2010 12:25:21 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Attempted to screen upstream at 12-972 US1. Algae in receiving pool.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: Severe

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☒ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-972 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819125436.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 326 ft ENE of outfall 12-972. Intermediate area consists of open space in cemetery.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 483,136

Easting: 785,300

State Plane Coordinates:

Northing: 748,547

Easting: 2,345,198

Inspection Date: 8/19/2010 12:54:00 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description:

Submerged: Depth (in):

Notes: Lid stuck - could not screen. Upstream locations not valid screening locations. Location provided to City for assistance.

Illicit Discharge Potential: Unlikely

☒ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: Moderate ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100819125440.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-997

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

RCP



o20100819141324.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 31

Width (in): 40

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. Inaccessible from retaining wall.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 480,264

Easting: 786,185

State Plane Coordinates:

Northing: 745,692

Easting: 2,346,134

Inspection Date: 8/19/2010 2:21:36 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 12-997 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-997 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819141730.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 27 ft ENE of outfall 12-997. Intermediate area consists of open space.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 480,278

Easting: 786,208

State Plane Coordinates:

Northing: 745,706

Easting: 2,346,156

Inspection Date: 8/19/2010 2:24:25 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 35

Notes: Floatables in photo are grass clippings from opening manhole.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Green

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819141742.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-56

Time Collected: 1425

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.36 units

Temperature: 79 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-1313

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

PVC



o20100819120152.JPG

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 483,844

Easting: 784,510

State Plane Coordinates:

Northing: 749,241

Easting: 2,344,395

Inspection Date: 8/19/2010 12:09:32 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 12-1313 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables:

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor:

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity:

☐ Other

Color:

Vegetation: ☐ Inhibited ☐ Excessive

Benthic Growth: ☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: ☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 12-1313 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819120410.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 252 ft ENE of outfall 12-1313. Intermediate area consists of open space and cemetery road.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 483,924

Easting: 784,749

State Plane Coordinates:

Northing: 749,326

Easting: 2,344,632

Inspection Date: 8/19/2010 12:12:14 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 15

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: Slight

☐ Green ☒ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

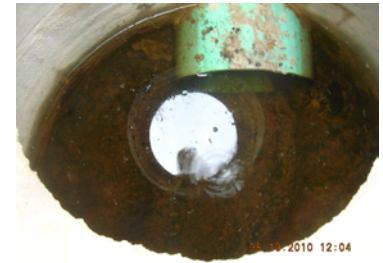
Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100819120420.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-03

Time Collected: 1210

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.38 units

Temperature: 78 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 13-3099

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

RCP



o20100826135004.JPG

Dimensions

Diameter (in):

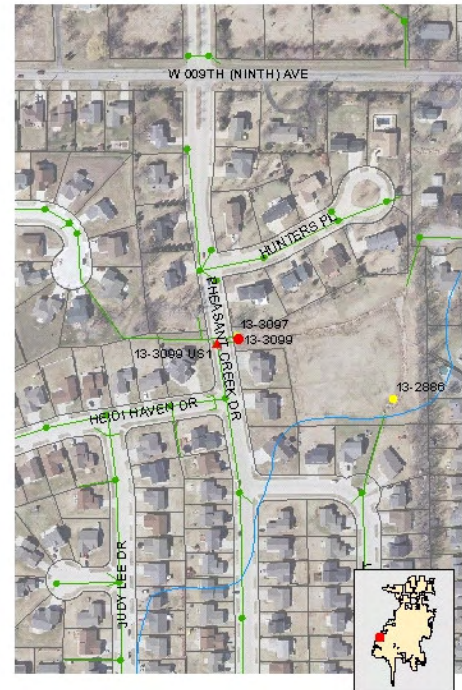
Height/Depth (in): 38

Width (in): 60

Outfall Notes:

Outfall partially submerged.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,154

Easting: 774,093

State Plane Coordinates:

Northing: 735,367

Easting: 2,334,226

Inspection Date: 8/26/2010 2:00:57 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially

Depth (in): 10

Notes: Outfall partially submerged. Outfall screened upstream at 13-3099 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Moderate

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains:

Moderate

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826135010.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 13-3099

Inspection Date: 9/3/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+			
Flow Description: Submerged, indeterminate				Notes: Sulfide odor, slight oil sheen in pool.					
Submerged: Partially		Depth (in): 11							
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: Slight		<input checked="" type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds		<input type="checkbox"/> Sewage		<input type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris			
Odor: Faint		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage		<input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input checked="" type="checkbox"/> Sulfur		<input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other			
Color: None									
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive					
Benthic Growth: Slight		<input checked="" type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange		<input type="checkbox"/> Other	
Stains: Slight		<input checked="" type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other			
Physical Condition Assessment									
Graffiti: None									
Erosion: None									
Deposition: None		Depth (in): 0							
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage					
<div style="float: right; text-align: center;"> Osh09_DSCN6451.JPG</div>									
Sampling Results									
Sample Location:									
Sample ID:									
Time Collected:									
Total Chlorine (field): ppm									
Free Chlorine (field): ppm									
Total Copper (field): ppm									
Ammonia (field): ppm									
pH (field): units									
Temperature: °F									
Detergents: mg/L									
Phenol: mg/L									

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 13-3099 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826133118.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 54 ft W of outfall 13-3099. Intermediate area consists of street right-of-way and pond embankment.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 470,146

Easting: 774,040

State Plane Coordinates:

Northing: 735,357

Easting: 2,334,173

Inspection Date: 8/26/2010 1:46:46 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 2

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

Faint

☐ Petroleum

☒ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826133132.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-56

Time Collected: 1340

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.29 units

Temperature: 83 °F


Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 13-3099 US1

Inspection Date: 9/3/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+			
Flow Description: Submerged, indeterminate				Notes:					
Submerged: Partially Depth (in): 2									
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: Slight		<input checked="" type="checkbox"/> Petroleum Sheen		<input type="checkbox"/> Suds		<input type="checkbox"/> Sewage		<input type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris			
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage		<input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur		<input type="checkbox"/> Sour	
Turbidity: None								<input type="checkbox"/> Other	
Color: None									
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive					
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange		<input type="checkbox"/> Other	
Stains: None		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other			
Physical Condition Assessment									
Graffiti: None									
Erosion: None									
Deposition: None		Depth (in): 0							
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage					



Osh09_DSCN6454.JPG

Sampling Results

Sample Location:	Pool
Sample ID:	090903-34L
Time Collected:	1347
Total Chlorine (field):	0 ppm
Free Chlorine (field):	0 ppm
Total Copper (field):	0 ppm
Ammonia (field):	ppm
pH (field):	7.43 units
Temperature:	73 °F
Detergents:	0 mg/L
Phenol:	0 mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 14-331

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100817123200.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 31

Width (in): 50

Outfall Notes:

Outfall fully submerged. Pipe info from MS4 map.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 465,635

Easting: 793,570

State Plane Coordinates:

Northing: 731,199

Easting: 2,353,781

Inspection Date: 8/17/2010 12:37:30 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 32

Notes: Lake level one inch above crown of pipe.
Outfall screened upstream at 14-331 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: Moderate

☒ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage



o20100817123314.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 14-331

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+																																
Flow Description: Submerged, indeterminate				Notes:																																		
Submerged: Partially Depth (in): 30																																						
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up																																		
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		 <i>Osh09_DSCN6727.JPG</i>																															
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris																																		
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine																																	
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour																																	
Turbidity: <input type="text" value="None"/>		<input type="checkbox"/> Other																																				
Color: <input type="text" value="None"/>																																						
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			Sampling Results <hr/> Sample Location: Sample ID: Time Collected: Total Chlorine (field): ppm Free Chlorine (field): ppm Total Copper (field): ppm Ammonia (field): ppm pH (field): units Temperature: °F Detergents: mg/L Phenol: mg/L																															
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green		<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other																																
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains																																	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Paint	<input type="checkbox"/> Other																																	
Physical Condition Assessment																																						
<div style="border: 1px solid black; padding: 5px;"><table><tr><td>Graffiti:</td><td>None</td><td colspan="5"></td></tr><tr><td>Erosion:</td><td>None</td><td colspan="5"></td></tr><tr><td>Deposition:</td><td>None</td><td>Depth (in):</td><td colspan="4">0</td></tr><tr><td rowspan="2">Damage:</td><td rowspan="2">None</td><td><input type="checkbox"/> Displacement</td><td><input type="checkbox"/> Undercut</td><td colspan="3"><input type="checkbox"/> Crushed</td></tr><tr><td><input type="checkbox"/> Corrosion</td><td colspan="3"><input type="checkbox"/> Concrete Damage</td></tr></table></div>							Graffiti:	None						Erosion:	None						Deposition:	None	Depth (in):	0				Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage		
Graffiti:	None																																					
Erosion:	None																																					
Deposition:	None	Depth (in):	0																																			
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed																																		
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage																																			

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 14-331 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817123524.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 29 ft W of outfall 14-331. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

465,639

Easting:

793,540

State Plane Coordinates:

Northing:

731,202

Easting:

2,353,751

Inspection Date: 8/17/2010 12:40:43 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 25

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817123534.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-08

Time Collected: 1243

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.52 units

Temperature: 79 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 14-331 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Slight green color.			
Submerged: Partially		Depth (in): 23					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>						<input type="checkbox"/> Other	
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location: Pool							
Sample ID: 090909-53							
Time Collected: 1230							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 8.96 units							
Temperature: 80 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							



Osh09_DSCN6859.JPG

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 14-368

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100817130726.JPG

Location Map



Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged. Pipe diameter and shape estimated.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 466,571

Easting: 793,200

State Plane Coordinates:

Northing: 732,128

Easting: 2,353,394

Inspection Date: 8/17/2010 1:13:06 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged. Outfall screened upstream at 14-368 US1. Lake level at crown of pipe

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817130746.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 14-368 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817131114.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 39 ft W of outfall 14-368. Intermediate area consists of open space along shoreline.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing:

466,570

Easting:

793,162

State Plane Coordinates:

Northing: 732,126

Easting: 2,353,356

Inspection Date: 8/17/2010 1:18:11 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 18

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817131258.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-50

Time Collected: 1320

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.6 units

Temperature: 75 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 14-400

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100817132634.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 36

Width (in): 58

Outfall Notes:

Outfall partially submerged.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 467,212

Easting: 793,167

State Plane Coordinates:

Northing: 732,768

Easting: 2,353,349

Inspection Date: 8/17/2010 1:35:34 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 17

Notes: Outfall partially submerged. Outfall screened upstream at 14-400 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Moderate

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains:

Moderate

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti:

None

Erosion:

None

Deposition:

None

Depth (in):

Damage:

Minor

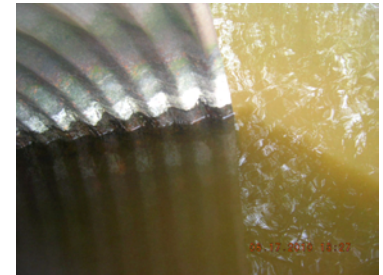
☐ Displacement

☐ Undercut

☐ Crushed

☒ Corrosion

☐ Concrete Damage



o20100817132746.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 14-400

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Outfall partially submerged. Outfall screened upstream at 14-400 US1.			
Submerged: Partially		Depth (in): 14					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>						<input type="checkbox"/> Other	
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="Slight"/>		<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="Moderate"/>		<input checked="" type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input checked="" type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: Minor		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input checked="" type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):				ppm			
Free Chlorine (field):				ppm			
Total Copper (field):				ppm			
Ammonia (field):				ppm			
pH (field):				units			
Temperature:				°F			
Detergents:				mg/L			
Phenol:				mg/L			



Osh09_DSCN6730.JPG

Checked by:

City of Oshkosh

Outfall ID: 14-400 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817133202.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 38 ft W of outfall 14-400. Intermediate area consists of wooded shoreline.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 467,219

Easting: 793,129

State Plane Coordinates:

Northing: 732,774

Easting: 2,353,312

Inspection Date: 8/17/2010 1:39:35 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 11

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Moderate

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817133210.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-67

Time Collected: 1340

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.9 units

Temperature: 76 °F


Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 14-400 US1

Inspection Date: 9/9/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes:			
Submerged: Partially		Depth (in): 8					
Illicit Discharge Potential: Unlikely				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: <input type="text" value="None"/>		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: <input type="text" value="None"/>					<input type="checkbox"/> Other		
Color: <input type="text" value="None"/>							
Vegetation: <input type="text" value="None"/>		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: <input type="text" value="None"/>		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: <input type="text" value="None"/>		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				



Osh09_DSCN6733.JPG

Sampling Results

Sample Location:	Pool
Sample ID:	090909-58
Time Collected:	1255
Total Chlorine (field):	0 ppm
Free Chlorine (field):	0 ppm
Total Copper (field):	0 ppm
Ammonia (field):	ppm
pH (field):	8.88 units
Temperature:	80 °F
Detergents:	0 mg/L
Phenol:	0 mg/L

Checked by:

City of Oshkosh

Outfall ID: 14-595

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

RCP

Basin Name:

Gallups/Merritts Creek



Osh09_DSCN6530.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 22

Width (in): 38

Outfall Notes:

Outfall partially submerged. Outfall screened upstream at 14-595 US1.

Mapping Precision:

☐ Not Physically Located

County Coordinates:

Northing: 458,732

Easting: 791,162

State Plane Coordinates:

Northing: 724,254

Easting: 2,351,498

Inspection Date: 8/26/2010

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description:

Submerged: Depth (in):

Notes: Actual outfall not screened. Oil observed in 14-595 US1 in 2009 - only upstream manhole re-screened.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables:

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor:

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity:

☐ Othe

Color:

Vegetation:

☐ Inhibited ☐ Excessive

Benthic Growth:

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains:

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti:

Erosion:

Deposition: Depth (in):

Damage: ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F


Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 14-595

Inspection Date: 9/4/2009		Inspector: JCW	Inspection Type: Initial	Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate		Notes:			
Submerged: Partially Depth (in): 7					
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables:	<input type="text"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris	
Odor:	<input type="text"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour
Turbidity:	<input type="text"/>			<input type="checkbox"/> Othe	
Color:	<input type="text"/>				
Vegetation:	<input type="text"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive		
Benthic Growth:	Slight	<input checked="" type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other
Stains:	<input type="text"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other	
Physical Condition Assessment					
Graffiti:	None				
Erosion:	None				
Deposition:	Depth (in): 0				
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage		



Osh09_DSCN6531.JPG

Sampling Results

Sample Location:	Pool
Sample ID:	090904-03
Time Collected	1315
Total Chlorine (field):	0 ppm
Free Chlorine (field):	0 ppm
Total Copper (field):	0 ppm
Ammonia (field):	ppm
pH (field):	7.57 units
Temperature:	71 °F
Detergents:	0 mg/L
Phenol:	0 mg/L

Checked by:

City of Oshkosh

Outfall ID: 14-595 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

MS4 Stormwater Facility

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826130406.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 649 ft W of outfall 14-595. Intermediate area consists of open space and fenced stormwater pond.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 458,741

Easting: 790,513

State Plane Coordinates:

Northing: 724,251

Easting: 2,350,848

Inspection Date: 8/26/2010 1:14:52 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Trickle

Submerged: None

Depth (in):

Notes: Rescreened due to oil in 2009. No sign of oil. Shallow flow - no sample collected.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826130414.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): units


Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 14-595 US1

Inspection Date: 9/4/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: None				Notes: Wet, no flow. Slight oil sheen in pool in manhole.			
Submerged: None		Depth (in): 0					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables:	<input type="text" value="Slight"/>	<input checked="" type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<input type="text" value="None"/>	<input type="checkbox"/> Other					
Color:	<input type="text" value="None"/>						
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<input type="text" value="None"/>	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<input type="text" value="None"/>	<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	None						
Erosion:	None						
Deposition:	None	Depth (in): 0					
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
Sampling Results							
Sample Location:							
Sample ID:							
Time Collected:							
Total Chlorine (field):				ppm			
Free Chlorine (field):				ppm			
Total Copper (field):				ppm			
Ammonia (field):				ppm			
pH (field):				units			
Temperature:				°F			
Detergents:				mg/L			
Phenol:				mg/L			

Checked by:

City of Oshkosh

Outfall ID: 14-676

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

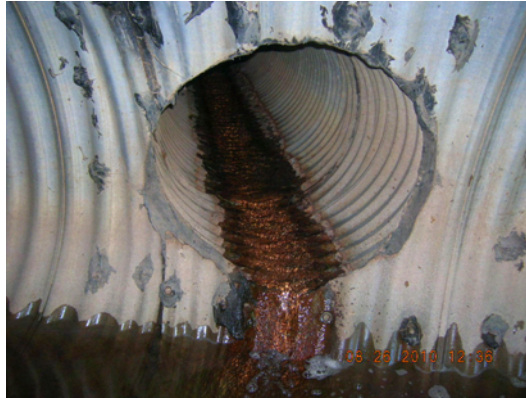
Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100826123640.JPG

Dimensions

Diameter (in): 30

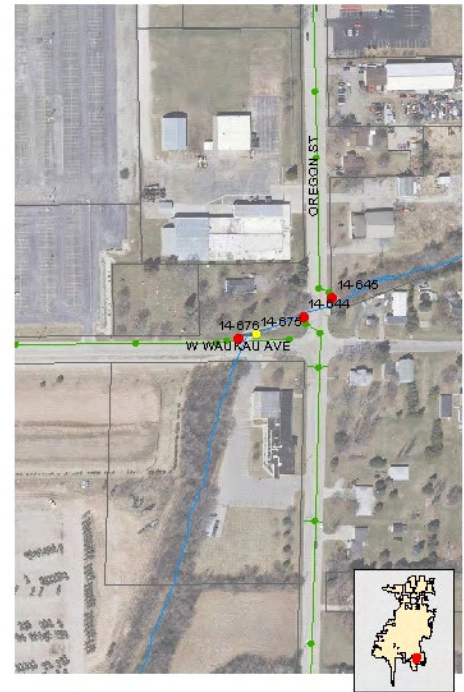
Height/Depth (in):

Width (in):

Outfall Notes:

30 inch CMP discharges into west culvert.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 459,937

Easting: 791,621

State Plane Coordinates:

Northing: 725,467

Easting: 2,351,935

Inspection Date: 8/26/2010 1:00:18 PM

Inspector: JCW

Inspection Type: Other

Previous Rainfall (hrs): 72+

Flow Description: Moderate

Submerged: None

Depth (in):

Notes: Sample consists of sheen skimmed from surface of downstream pool.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☒ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: Moderate

☐ Flow Line

☐ Oil

☐ Rust Stains

☒ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826123758.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-85

Time Collected: 1240

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.52 units


Temperature: 76 °F


Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 14-676

Inspection Date: 8/26/2010 12:58:18 PM		Inspector: JCW		Inspection Type: Ongoing		Previous Rainfall (hrs): 72+	
Flow Description: Moderate				Notes: Persistent suds and gel-like sheen downstream			
Submerged: None		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: Moderate		<input type="checkbox"/> Petroleum Sheen		<input checked="" type="checkbox"/> Suds		<input type="checkbox"/> Sewage <input checked="" type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur <input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: Moderate		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input checked="" type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in):					
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
 o20100826123658.JPG							
Sampling Results							
Sample Location: Flow							
Sample ID: 100826-52							
Time Collected: 1240							
Total Chlorine (field):				0 ppm			
Free Chlorine (field):				0 ppm			
Total Copper (field):				0 ppm			
Ammonia (field):				0 ppm			
pH (field):				8.3 units			
Temperature:				78 °F			
Detergents:				0 mg/L			
Phenol:				0 mg/L			

Inspection Date: 9/4/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Moderate				Notes: Sample 09090411 collected from pool (suds). No detergent detected.			
Submerged: None		Depth (in): 0					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: Moderate		<input type="checkbox"/> Petroleum Sheen		<input checked="" type="checkbox"/> Suds		<input type="checkbox"/> Sewage <input type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur <input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: Moderate		<input checked="" type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input checked="" type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: Minor		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input checked="" type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
 Osh09_DSCN6538.JPG							
Sampling Results							
Sample Location: Flow							
Sample ID: 090904-10							
Time Collected: 1340							
Total Chlorine (field):				0 ppm			
Free Chlorine (field):				0 ppm			
Total Copper (field):				0 ppm			
Ammonia (field):				ppm			
pH (field):				8.32 units			
Temperature:				78 °F			
Detergents:				0 mg/L			
Phenol:				0 mg/L			

Checked by:

City of Oshkosh

Outfall ID: 14-1075

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100817124250.JPG

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 465,360

Easting: 793,524

State Plane Coordinates:

Northing: 730,923

Easting: 2,353,740

Location Map



Inspection Date: 8/17/2010 12:48:49 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 14-1075 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 14-1075 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100817124340.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 88 ft WNW of outfall 14-1075. Intermediate area consists of open space and paved parking lot.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 465,387

Easting: 793,443

State Plane Coordinates:

Northing: 730,949

Easting: 2,353,658

Inspection Date: 8/17/2010 12:48:49 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 34

Notes: Floatable debris in catchbasin.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Moderate Depth (in): 8

Damage: None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100817124354.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100817-29

Time Collected: 1255

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.45 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/3/2011

City of Oshkosh

Outfall ID: 15-1093

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100826144630.JPG

Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall partially submerged.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 488,726

Easting: 793,062

State Plane Coordinates:

Northing: 754,276

Easting: 2,352,858

Inspection Date: 8/26/2010 2:56:31 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 7

Notes: Outfall partially submerged. Outfall screened upstream at 15-1093 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Moderate

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: Minor

Depth (in):

☐ Displacement

☐ Undercut

☒ Crushed

☒ Corrosion

☐ Concrete Damage



o20100826144742.JPG

Sampling Results

Sample Location:

Sample ID: <Null>

Time Collected: <Null>

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

City of Oshkosh

Outfall ID: 15-1093

Inspection Date: 9/2/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, slight flow				Notes: Outfall partially submerged. Outfall screened upstream at 15-1093 US1.			
Submerged: Partially		Depth (in): 7					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables:	<input type="text" value="None"/>	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor:	<input type="text" value="Faint"/>	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input checked="" type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity:	<input type="text" value="Cloudy"/>				<input type="checkbox"/> Other		
Color:	<input type="text" value="None"/>						
Vegetation:	<input type="text" value="None"/>	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth:	<input type="text" value="Slight"/>	<input type="checkbox"/> Green	<input checked="" type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains:	<input type="text" value="None"/>	<input checked="" type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input checked="" type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti:	<input type="text" value="None"/>						
Erosion:	<input type="text" value="None"/>						
Deposition:	<input type="text" value="None"/>	Depth (in): 0					
Damage:	<input type="text" value="Minor"/>	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input checked="" type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							Sampling Results
							Sample Location:
							Sample ID:
							Time Collected:
							Total Chlorine (field): ppm
							Free Chlorine (field): ppm
							Total Copper (field): ppm
							Ammonia (field): ppm
							pH (field): units
							Temperature: °F
							Detergents: mg/L
							Phenol: mg/L



Osh09_DSCN6359.JPG

Checked by:

City of Oshkosh

Outfall ID: 15-1093 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826144114.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 88 ft SSW of outfall 15-1093. Intermediate area consists of Main Street and right-of-way.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 488,645

Easting: 793,028

State Plane Coordinates:

Northing: 754,194

Easting: 2,352,825

Inspection Date: 8/26/2010 2:49:55 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially

Depth (in): 2

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Slight

☐ Flow Line

☐ Oil

☒ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826144124.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-30

Time Collected: 1450

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.95 units


Temperature: 79 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 15-1093 US1

Inspection Date: 9/2/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, indeterminate				Notes: Ammonia test = 0 mg/L			
Submerged: Partially		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: None		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: Faint		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: None						<input checked="" type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: None		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: None		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
 Osh09_DSCN6366.JPG							
Sampling Results							
Sample Location:				Pool			
Sample ID:				090902-03			
Time Collected:				1325			
Total Chlorine (field):				0 ppm			
Free Chlorine (field):				0 ppm			
Total Copper (field):				0 ppm			
Ammonia (field):				ppm			
pH (field):				7.79 units			
Temperature:				76 °F			
Detergents:				0 mg/L			
Phenol:				0 mg/L			

Checked by:

City of Oshkosh

Outfall ID: 15-1095

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

RCP



o20100826143158.JPG

Dimensions

Diameter (in):

Height/Depth (in): 24

Width (in): 38

Outfall Notes:

Outfall partially submerged. Outfall screened upstream at 15-1095 US1.

Location Map



Mapping Precison:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 488,741

Easting: 793,062

State Plane Coordinates:

Northing: 754,291

Easting: 2,352,857

Inspection Date: 8/26/2010 2:41:22 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially

Depth (in): 9

Notes: Faint white sheen - probably natural. Outfall screened upstream at 15-1095 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Cloudy

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Moderate

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Moderate

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826143220.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-25

Time Collected: 1438

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.12 units


Temperature: 80 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 15-1095

Inspection Date: 9/2/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, slight flow		Notes: Sample collected from surface sheen in pool. Outfall screened upstream at 15-1095 US1.				 Osh09_DSCN6354.JPG	
Submerged: Partially Depth (in): 8							
Illicit Discharge Potential: Potential		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up					
Floatables: Slight		<input type="checkbox"/> Petroleum Sheen <input type="checkbox"/> Suds <input type="checkbox"/> Sewage <input type="checkbox"/> Other					
		<input type="checkbox"/> Natural Sheen <input type="checkbox"/> Algae <input type="checkbox"/> Solid Waste/Debris					
Odor: None		<input type="checkbox"/> Petroleum <input type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine					
		<input type="checkbox"/> VOC/Solvent <input type="checkbox"/> Fishy <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour					
Turbidity: Cloudy							
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited <input type="checkbox"/> Excessive					
Benthic Growth: Slight		<input checked="" type="checkbox"/> Green <input type="checkbox"/> Brown <input type="checkbox"/> Orange <input type="checkbox"/> Other					
Stains: None		<input type="checkbox"/> Flow Line <input type="checkbox"/> Oil <input type="checkbox"/> Rust Stains					
		<input type="checkbox"/> Corrosion <input type="checkbox"/> Paint <input type="checkbox"/> Other					
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement <input type="checkbox"/> Undercut <input type="checkbox"/> Crushed					
		<input type="checkbox"/> Corrosion <input type="checkbox"/> Concrete Damage					
Sampling Results							
Sample Location: Pool							
Sample ID: 090902-03L							
Time Collected: 1300							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): units							
Temperature: °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							

Checked by:

City of Oshkosh

Outfall ID: 15-1095 US1

Major Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826142618.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 92 ft NNW of outfall 15-1095. Intermediate area consists of Main Street and right-of-way.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 488,813

Easting: 793,006

State Plane Coordinates:

Northing: 754,362

Easting: 2,352,800

Inspection Date: 8/26/2010 2:31:26 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, slight flow

Submerged: Partially

Depth (in): 6

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Moderate

☒ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826142626.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-78

Time Collected: 1430

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.11 units


Temperature: 81 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 15-1095 US1

Inspection Date: 9/2/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Submerged, slight flow				Notes:			
Submerged: Partially		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up		<input type="checkbox"/> Office Follow-up	
Floatables: None		<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage	<input type="checkbox"/> Other		
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris			
Odor: None		<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage	<input type="checkbox"/> Chlorine		
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur	<input type="checkbox"/> Sour		
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive				
Benthic Growth: None		<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange	<input type="checkbox"/> Other		
Stains: None		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other			
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: None		<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed			
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage				
							
Osh09_DSCN6362.JPG							
Sampling Results							
Sample Location:				Pool			
Sample ID:				090902-08			
Time Collected:				1315			
Total Chlorine (field):				0 ppm			
Free Chlorine (field):				0 ppm			
Total Copper (field):				0 ppm			
Ammonia (field):				ppm			
pH (field):				7.94 units			
Temperature:				75 °F			
Detergents:				0 mg/L			
Phenol:				0 mg/L			

Checked by:

City of Oshkosh

Outfall ID: 16-28

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100818141424.JPG

Dimensions

Diameter (in): 15

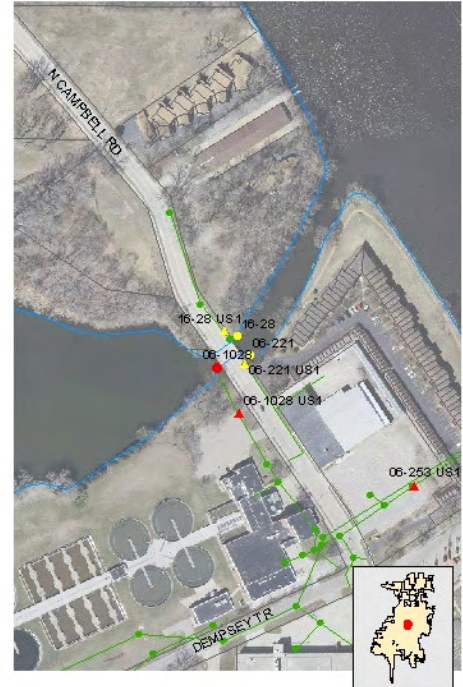
Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 474,621

Easting: 787,925

State Plane Coordinates:

Northing: 740,082

Easting: 2,347,975

Inspection Date: 8/18/2010 2:25:01 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-28 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-28 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100818142000.JPG

Dimensions

Diameter (in):

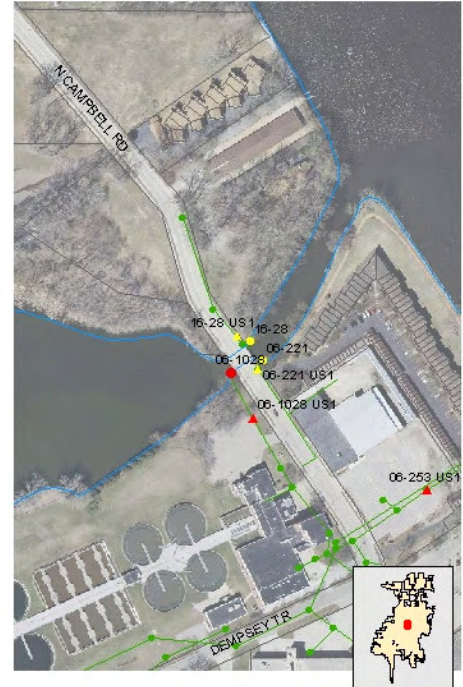
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 34 ft NW of outfall 16-28. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 474,633

Easting: 787,893

State Plane Coordinates:

Northing: 740,093

Easting: 2,347,943

Inspection Date: 8/18/2010 2:28:52 PM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 34

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☒ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100818142006.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100818-92

Time Collected: 1425

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 6.98 units

Temperature: 80 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-47

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100819092252.JPG

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Located in golf course pond. Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 480,276

Easting: 783,659

State Plane Coordinates:

Northing: 745,658

Easting: 2,343,609

Inspection Date: 8/19/2010 9:32:20 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-47 US2.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-47 US2

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819092904.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 410 ft ESE of outfall 16-47. Intermediate area consists of open space in golf course. First upstream manhole not located.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 480,138

Easting: 784,046

State Plane Coordinates:

Northing: 745,528

Easting: 2,343,997

Inspection Date: 8/19/2010 9:39:34 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, no flow

Submerged: Partially Depth (in): 1

Notes: Sample collected from pool at bottom of catchbasin.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None ☐ Inhibited ☐ Excessive

Benthic Growth:

None ☐ Green ☐ Brown ☐ Orange ☐ Other

Stains:

None ☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

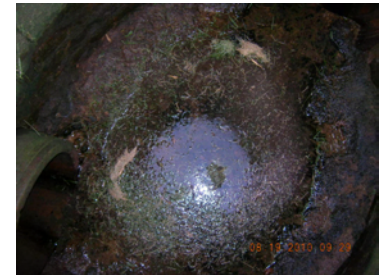
Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage



o20100819092912.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-23

Time Collected: 0935

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.08 units

Temperature: 80 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-71

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825075024.JPG

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 477,606

Easting: 786,843

State Plane Coordinates:

Northing: 743,046

Easting: 2,346,840

Inspection Date: 8/25/2010 7:58:16 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-71 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-71 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825075224.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 85 ft W of outfall 16-71. Intermediate area consists of open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 477,609

Easting: 786,755

State Plane Coordinates:

Northing: 743,048

Easting: 2,346,751

Inspection Date: 8/25/2010 8:00:39 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 28

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825075232.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-60

Time Collected: 0800

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.74 units

Temperature: 70 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-119

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819072722.JPG

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 479,606

Easting: 785,786

State Plane Coordinates:

Northing: 745,027

Easting: 2,345,747

Inspection Date: 8/19/2010 7:33:20 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-119 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-119 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819072802.JPG

Dimensions

Diameter (in):

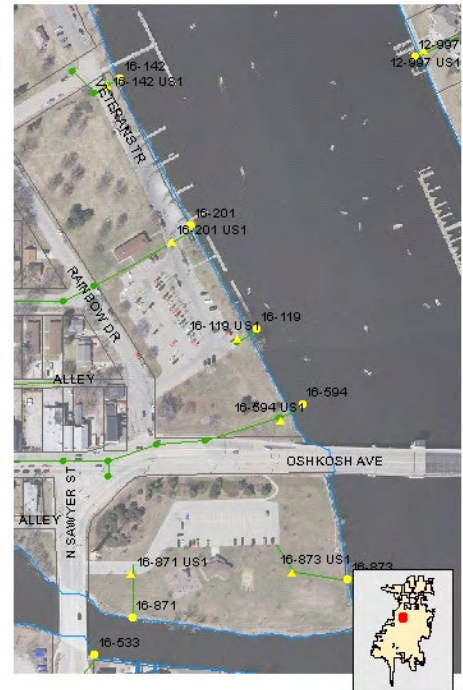
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 52 ft WSW of outfall 16-119. Intermediate area consists of open space between parking lot and shoreline.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,582

Easting: 785,739

State Plane Coordinates:

Northing: 745,002

Easting: 2,345,700

Inspection Date: 8/19/2010 7:36:22 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 6

Notes: Oil sheen likely from parking lot runoff.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☒ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☒ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819072808.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-25

Time Collected: 0735

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.5 units

Temperature: 74 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-142

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819081820.JPG

Location Map



Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 480,225

Easting: 785,463

State Plane Coordinates:

Northing: 745,640

Easting: 2,345,413

Inspection Date: 8/19/2010 8:26:01 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-142 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floating: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-142 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819082126.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 36 ft WSW of outfall 16-142. Intermediate area consists of open space between parking lot and shoreline.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 480,207

Easting: 785,433

State Plane Coordinates:

Northing: 745,621

Easting: 2,345,383

Inspection Date: 8/19/2010 8:30:49 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 22

Notes: Floatable debris in catchbasin.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: Faint in bottle

Green

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819082134.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-29

Time Collected: 0830

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.84 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-155

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825083542.JPG

Location Map



Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 476,703

Easting: 787,312

State Plane Coordinates:

Northing: 742,152

Easting: 2,347,325

Inspection Date: 8/25/2010 8:42:34 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-155 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-155 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

North Sawyer St



o20100825084022.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 418 ft W of outfall 16-155. Intermediate area consists of street right-of-way and open space.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,706

Easting: 786,894

State Plane Coordinates:

Northing: 742,147

Easting: 2,346,907

Inspection Date: 8/25/2010 8:47:43 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 11

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: Moderate

☐ Green ☒ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100825084038.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-66

Time Collected 0850

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.85 units

Temperature: 72 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-164

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825080326.JPG

Location Map



Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 477,309

Easting: 787,006

State Plane Coordinates:

Northing: 742,753

Easting: 2,347,008

Inspection Date: 8/25/2010 8:11:03 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-164 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables:

None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor:

None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity:

None

☐ Other

Color:

None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-164 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825080522.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 245 ft W of outfall 16-164. Intermediate area consists of wooded area to shoreline.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 477,310

Easting: 786,763

State Plane Coordinates:

Northing: 742,749

Easting: 2,346,765

Inspection Date: 8/25/2010 8:13:41 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 26

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☒ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor

Depth (in): 3

Damage: None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825080536.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-10

Time Collected: 0815

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.7 units

Temperature: 71 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-201

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

HDPE



o20100819074346.JPG

Dimensions

Diameter (in): 18

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 479,863

Easting: 785,629

State Plane Coordinates:

Northing: 745,281

Easting: 2,345,586

Inspection Date: 8/19/2010 7:49:43 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-201 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-201 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819074604.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 63 ft SW of outfall 16-201. Intermediate area consists of paved parking area and shoreline.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,821

Easting: 785,583

State Plane Coordinates:

Northing: 745,239

Easting: 2,345,541

Inspection Date: 8/19/2010 7:54:51 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 29

Notes: Moderate floatable debris in catchbasin.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819074612.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-24

Time Collected: 0755

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.57 units

Temperature: 74 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-289

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825081912.JPG

Location Map



Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. 24" CMP inside larger CMP at manhole.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 476,991

Easting: 787,194

State Plane Coordinates:

Northing: 742,438

Easting: 2,347,202

Inspection Date: 8/25/2010 8:24:56 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-289 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-289 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

North Sawyer St



o20100825081926.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 19 ft ENE of outfall 16-289. Intermediate area consists of open space.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,998

Easting: 787,172

State Plane Coordinates:

Northing: 742,444

Easting: 2,347,180

Inspection Date: 8/25/2010 8:30:14 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially Depth (in): 18

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum ☒ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: Slight cloudiness

☐ Othe

Color: Faint in bottle

Green

Vegetation:

None

☐ Inhibited ☐ Excessive

Benthic Growth: Moderate

☐ Green ☒ Brown ☐ Orange ☐ Other

Stains:

None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage



o20100825081932.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-57

Time Collected 0828

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.75 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-295

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Elliptical

Material:

CMP



o20100825091024.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in): 22

Width (in): 36

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 476,476

Easting: 787,029

State Plane Coordinates:

Northing: 741,920

Easting: 2,347,046

Inspection Date: 8/25/2010 9:19:09 AM		Inspector: JCW	Inspection Type: Ongoing	Previous Rainfall (hrs): 72+
Flow Description: Submerged, indeterminate		Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-295 US1.		
Submerged: Fully		Depth (in):		
Illicit Discharge Potential: Unlikely		<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up		
Floatables:	None	<input type="checkbox"/> Petroleum Sheen	<input type="checkbox"/> Suds	<input type="checkbox"/> Sewage
		<input type="checkbox"/> Natural Sheen	<input type="checkbox"/> Algae	<input type="checkbox"/> Solid Waste/Debris
Odor:	None	<input type="checkbox"/> Petroleum	<input type="checkbox"/> Musty	<input type="checkbox"/> Sewage
		<input type="checkbox"/> VOC/Solvent	<input type="checkbox"/> Fishy	<input type="checkbox"/> Sulfur
Turbidity:	None			<input type="checkbox"/> Chlorine
				<input type="checkbox"/> Sour
Color:	None			<input type="checkbox"/> Other
Vegetation:	None	<input type="checkbox"/> Inhibited	<input type="checkbox"/> Excessive	
Benthic Growth:	None	<input type="checkbox"/> Green	<input type="checkbox"/> Brown	<input type="checkbox"/> Orange
		<input type="checkbox"/> Flow Line	<input type="checkbox"/> Oil	<input type="checkbox"/> Rust Stains
Stains:	None	<input type="checkbox"/> Corrosion	<input type="checkbox"/> Paint	<input type="checkbox"/> Other
Physical Condition Assessment				
Graffiti:	None			
Erosion:	None			
Deposition:	None	Depth (in):		
Damage:	None	<input type="checkbox"/> Displacement	<input type="checkbox"/> Undercut	<input type="checkbox"/> Crushed
		<input type="checkbox"/> Corrosion	<input type="checkbox"/> Concrete Damage	
Sampling Results				
Sample Location:				
Sample ID:				
Time Collected:				
Total Chlorine (field): ppm				
Free Chlorine (field): ppm				
Total Copper (field): ppm				
Ammonia (field): ppm				
pH (field): units				
Temperature: °F				
Detergents: mg/L				
Phenol: mg/L				

Photo Not Available
Submerged Outfall

_Submerged.jpg

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-295 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825091610.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 141ft SW of outfall 16-295. Intermediate area consists of street right-of-way and boat dry dock.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,413

Easting: 786,903

State Plane Coordinates:

Northing: 741,855

Easting: 2,346,921

Inspection Date: 8/25/2010 9:25:25 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 15

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Moderate

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825091620.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-94

Time Collected: 0926

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.48 units

Temperature: 74 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-362

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP

Basin Name:

Sawyer Creek



o20100819100322.JPG

Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. 18" CMP in upstream manhole.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 479,012

Easting: 784,744

State Plane Coordinates:

Northing: 744,415

Easting: 2,344,716

Inspection Date: 8/19/2010 10:11:40 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-362 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-362 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819100912.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 28 ft NW of outfall 16-362. Intermediate area consists of open space. 18" CMP discharges to SE.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,024

Easting: 784,719

State Plane Coordinates:

Northing: 744,426

Easting: 2,344,690

Inspection Date: 8/19/2010 10:15:42 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Partially

Depth (in): 17

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: Minor

Depth (in): 1

Damage: None

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819100930.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-53

Time Collected: 1015

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.83 units

Temperature: 77 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-368

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100819094846.JPG

Dimensions

Diameter (in): 27

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 478,896

Easting: 784,668

State Plane Coordinates:

Northing: 744,297

Easting: 2,344,642

Inspection Date: 8/19/2010 9:56:49 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-368 US2.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floating: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-368 US2

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819095404.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 193 ft W of outfall 16-368. Intermediate area consists of street right-of-way, residential property and park space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 478,896

Easting: 784,475

State Plane Coordinates:

Northing: 744,293

Easting: 2,344,449

Inspection Date: 8/19/2010 10:00:47 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 34

Notes: First upstream manhole shown on MS4 map not located.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☒ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Sampling Results

Sample Location: Pool

Sample ID: 100819-50

Time Collected: 1000

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.49 units

Temperature: 79 °F

Detergents: 0 mg/L

Phenol: mg/L



o20100819095418.JPG

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-386

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825073518.JPG

Dimensions

Diameter (in): 21

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 478,215

Easting: 786,392

State Plane Coordinates:

Northing: 743,647

Easting: 2,346,378

Inspection Date: 8/25/2010 7:42:58 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-386 US2.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-386 US2

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825073858.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 172 ft W of outfall 16-386. Intermediate area consists of open space and wooded area.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 478,231

Easting: 786,221

State Plane Coordinates:

Northing: 743,660

Easting: 2,346,206

Inspection Date: 8/25/2010 7:46:07 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 28

Notes: First upstream manhole on MS4 map not located.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☒ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Moderate

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825073904.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-81

Time Collected: 0745

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.74 units

Temperature: 70 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-389

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP

Basin Name:

North Sawyer St



o20100825095256.JPG

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 475,962

Easting: 787,204

State Plane Coordinates:

Northing: 741,409

Easting: 2,347,231

Inspection Date: 8/25/2010 10:01:26 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-389 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-389 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

North Sawyer St



o20100825093000.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 115 ft NW of outfall 16-389. Intermediate area consists of paved parking area.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 476,056

Easting: 787,135

State Plane Coordinates:

Northing: 741,502

Easting: 2,347,160

Inspection Date: 8/25/2010 9:37:15 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 42

Notes:

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☒ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Othe

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825093008.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-06

Time Collected 0938

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.71 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-396

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825095832.JPG

Dimensions

Diameter (in): 18

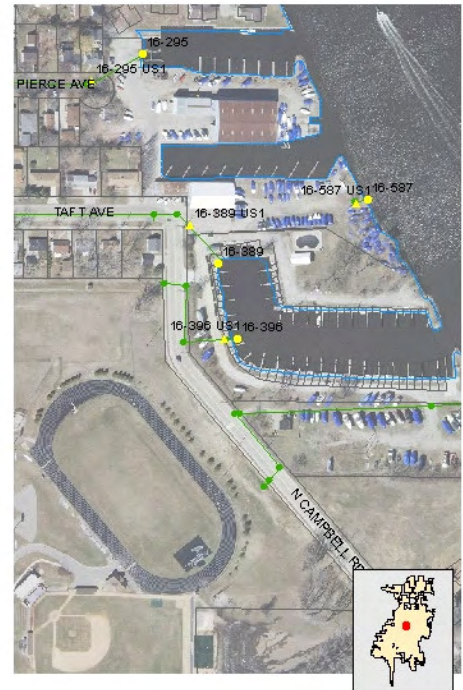
Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 475,777

Easting: 787,247

State Plane Coordinates:

Northing: 741,225

Easting: 2,347,277

Inspection Date: 8/25/2010 10:07:21 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-396 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-396 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825100024.JPG

Dimensions

Diameter (in):

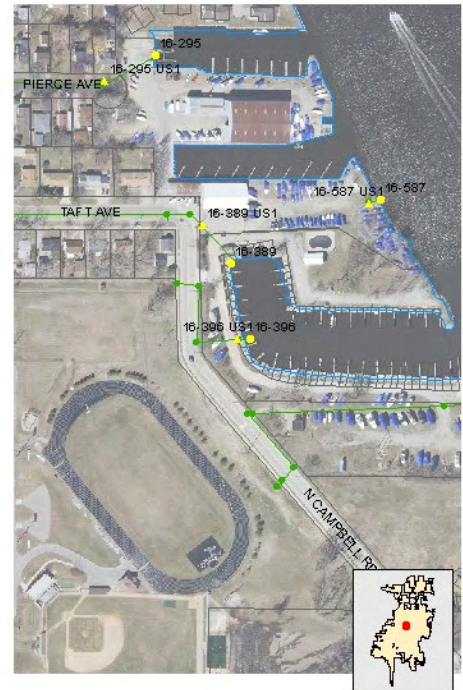
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 35 ft W of outfall 16-396. Intermediate area consists of boat slip.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 475,778

Easting: 787,216

State Plane Coordinates:

Northing: 741,226

Easting: 2,347,245

Inspection Date: 8/25/2010 10:10:43 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Notes: Floatable debris in manhole.

Submerged: Fully

Depth (in): 36

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☒ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: Faint in bottle

Green

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☒ Green

☒ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825100034.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-95

Time Collected: 1010

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.55 units

Temperature: 72 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-436

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825100954.JPG

Location Map



Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 475,610

Easting: 787,877

State Plane Coordinates:

Northing: 741,070

Easting: 2,347,909

Inspection Date: 8/25/2010 10:18:11 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-436 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables:

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor:

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity:

☐ Other

Color:

Vegetation:

☐ Inhibited ☐ Excessive

Benthic Growth:

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains:

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-436 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete

Basin Name:

North Sawyer St



o20100825101242.JPG

Location Map



Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 78 ft WSW of outfall 16-436. Intermediate area consists of open space.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 475,584

Easting: 787,804

State Plane Coordinates:

Northing: 741,042

Easting: 2,347,837

Inspection Date: 8/25/2010 10:22:31 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 37

Notes: Floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage ☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Othe

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains: Slight

☒ Flow Line

☐ Oil

☒ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825101302.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-01

Time Collected 1022

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.31 units

Temperature: 71 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-463

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819075828.JPG

Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 480,722

Easting: 785,231

State Plane Coordinates:

Northing: 746,133

Easting: 2,345,172

Location Map



Inspection Date: 8/19/2010 8:04:26 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-463 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-463 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819080604.JPG

Dimensions

Diameter (in):

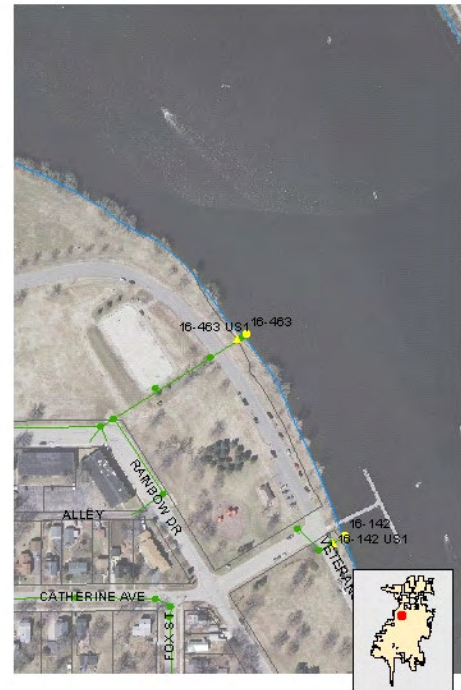
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 28 ft WSW of outfall 16-463. Intermediate area consists of open space along shoreline.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 480,711

Easting: 785,208

State Plane Coordinates:

Northing: 746,121

Easting: 2,345,149

Inspection Date: 8/19/2010 8:09:08 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 36

Notes: Water level at manhole rim. Floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: Slight cloudiness

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819080644.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-67

Time Collected: 0810

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.56 units

Temperature: 73 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-533

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

RCP



o20100826094912.JPG

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 478,815

Easting: 785,375

State Plane Coordinates:

Northing: 744,229

Easting: 2,345,351

Inspection Date: 8/26/2010 10:11:27 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-533 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-533 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100826095220.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 75 ft NE of outfall 16-533. Intermediate area consists of street right-of-way and commercial property.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 478,755

Easting: 785,326

State Plane Coordinates:

Northing: 744,168

Easting: 2,345,303

Inspection Date: 8/26/2010 10:01:38 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 36

Notes: Floatable debris in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☐ Green

☒ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826095640.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-91

Time Collected: 1002

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.23 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-551

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825072000.JPG

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 478,528

Easting: 786,181

State Plane Coordinates:

Northing: 743,957

Easting: 2,346,161

Inspection Date: 8/25/2010 7:28:04 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-551 US1.

Illicit Discharge Potential: Potential

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-551 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825072012.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 54 ft W of outfall 16-551. Intermediate area consists of open space in park.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 478,535

Easting: 786,119

State Plane Coordinates:

Northing: 743,962

Easting: 2,346,099

Inspection Date: 8/25/2010 7:31:00 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 27

Notes: Floatable debris and small spots of oil sheen in manhole.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☒ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825072020.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-08

Time Collected: 0732

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.6 units

Temperature: 69 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-587

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100825094258.JPG

Dimensions

Diameter (in):

Height/Depth (in): 16

Width (in): 25

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map. Identified on MS4 map, but may be private outfall.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 476,112

Easting: 787,572

State Plane Coordinates:

Northing: 741,566

Easting: 2,347,595

Inspection Date: 8/25/2010 9:49:38 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Upstream manhole not accessible.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☒ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-587 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:



o20100825094812.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole not located. Found probable location with metal detector and marked for City to expose.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 476,103

Easting: 787,543

State Plane Coordinates:

Northing: 741,557

Easting: 2,347,567

Inspection Date: 8/25/2010 9:54:50 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Only upstream manhole appears to be buried.

Illicit Discharge Potential: Unlikely

☒ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825094818.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-594

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819071708.JPG

Location Map



Dimensions

Diameter (in): 24

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 479,419

Easting: 785,894

State Plane Coordinates:

Northing: 744,842

Easting: 2,345,858

Inspection Date: 8/19/2010 7:23:24 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-594 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-594 US1

Minor Outfall - Alternate Location

Structure Type:

Manhole

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819071728.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream manhole located approx 60 ft WSW of outfall 16-594. Intermediate area consists of open space in park.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,381

Easting: 785,842

State Plane Coordinates:

Northing: 744,803

Easting: 2,345,807

Inspection Date: 8/19/2010 7:26:35 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 51

Notes: 2 small oil drops, likely from Oshkosh Ave runoff.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: Slight

☒ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☒ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819071738.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100819-04

Time Collected: 0725

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.44 units

Temperature: 75 °F

Detergents: 0 mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-719

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

PVC

Basin Name:

Sawyer Creek



o20100825070344.JPG

Dimensions

Diameter (in): 15

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. Pipe info from MS4 map.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 478,927

Easting: 785,028

State Plane Coordinates:

Northing: 744,334

Easting: 2,345,001

Inspection Date: 8/25/2010 7:12:04 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-719 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other
☐ Natural Sheen ☐ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine
☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Othe

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains
☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None

☐ Displacement ☐ Undercut ☐ Crushed
☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-719 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100825070540.JPG

Dimensions

Diameter (in):

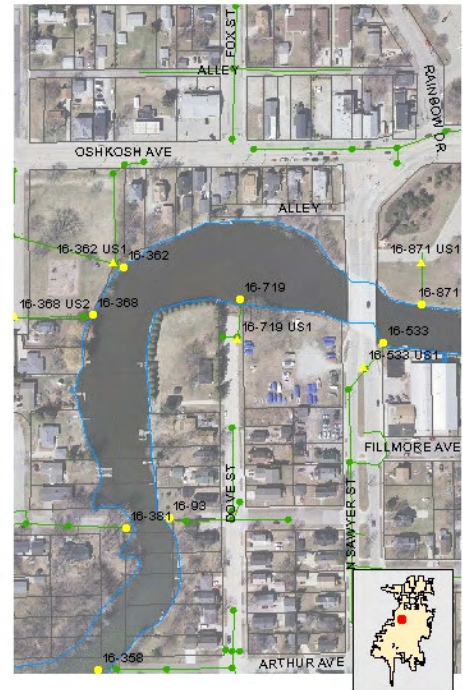
Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 95 ft S of outfall 16-719. Intermediate area consists of street right-of-way and open space.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 478,831

Easting: 785,019

State Plane Coordinates:

Northing: 744,238

Easting: 2,344,994

Inspection Date: 8/25/2010 7:15:59 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Notes: "Smoky" odor in bottle.

Submerged: Fully

Depth (in): 17

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: Faint

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☒ Other

Color: Faint in bottle

Brown

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100825070548.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100825-87

Time Collected: 0715

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 7.64 units

Temperature: 6 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-871

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819102648.JPG

Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. 12" CMP leaving upstream curb inlet.

Location Map



Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 478,906

Easting: 785,470

State Plane Coordinates:

Northing: 744,322

Easting: 2,345,443

Inspection Date: 8/19/2010 10:35:17 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-871 US1. Algae along shoreline.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen ☐ Suds ☐ Sewage ☐ Other

☐ Natural Sheen ☒ Algae ☐ Solid Waste/Debris

Odor: None

☐ Petroleum ☐ Musty ☐ Sewage ☐ Chlorine

☐ VOC/Solvent ☐ Fishy ☐ Sulfur ☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited ☐ Excessive

Benthic Growth: None

☐ Green ☐ Brown ☐ Orange ☐ Other

Stains: None

☐ Flow Line ☐ Oil ☐ Rust Stains

☐ Corrosion ☐ Paint ☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None Depth (in):

Damage: None ☐ Displacement ☐ Undercut ☐ Crushed

☐ Corrosion ☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-871 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819102924.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream curb inlet located approx 100 ft N of outfall 16-871. Intermediate area consists of open space in park.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,011

Easting: 785,471

State Plane Coordinates:

Northing: 744,427

Easting: 2,345,442

Inspection Date: 8/19/2010 10:38:53 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Catchbasin dry.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819102940.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-873

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819103946.JPG

Location Map



Dimensions

Diameter (in): 12

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged and not physically located. GPS coordinates approximate. 12" CMP leaving upstream catchbasin.

Mapping Precision:

Desktop mapping estimate

☒ Not Physically Located

County Coordinates:

Northing: 478,990

Easting: 785,998

State Plane Coordinates:

Northing: 744,415

Easting: 2,345,970

Inspection Date: 8/19/2010 10:47:42 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in):

Notes: Outfall fully submerged and not physically located. Outfall screened upstream at 16-873 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage

Photo Not Available
Submerged Outfall

_Submerged.jpg

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-873 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819104256.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 135 ft WNW of outfall 16-873. Intermediate area consists of open space in park.

Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 479,009

Easting: 785,862

State Plane Coordinates:

Northing: 744,431

Easting: 2,345,834

Location Map



Inspection Date: 8/19/2010 10:51:20 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: 11" of water in sump, but below invert of outfall pipe. Rust stains from 4" pipe from SW.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains:

Slight

☐ Flow Line

☐ Oil

☒ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: Minor

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819104308.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by: BDW 1/4/2011

City of Oshkosh

Outfall ID: 16-1074

Minor Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100819085940.JPG

Dimensions

Diameter (in): 8

Height/Depth (in):

Width (in):

Outfall Notes:

Outfall fully submerged. Pipe info from MS4 map.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 481,271

Easting: 784,501

State Plane Coordinates:

Northing: 746,668

Easting: 2,344,432

Inspection Date: 8/19/2010 9:04:14 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: Submerged, indeterminate

Submerged: Fully

Depth (in): 8

Notes: Lake level at crown of pipe. Outfall screened upstream at 16-1074 US1.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up ☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819090004.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

Detergents: mg/L

Phenol: mg/L

Checked by:

City of Oshkosh

Outfall ID: 16-1074 US1

Minor Outfall - Alternate Location

Structure Type:

Inlet/Catchbasin

Discharge Location:

Downstream Outfall

Shape:

Manhole/Catchbasin

Material:

Manhole - concrete



o20100819090430.JPG

Dimensions

Diameter (in):

Height/Depth (in):

Width (in):

Outfall Notes:

Upstream catchbasin located approx 277 ft S of outfall 16-1074. Intermediate area consists of street right-of-way adjacent to golf course.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 480,994

Easting: 784,505

State Plane Coordinates:

Northing: 746,392

Easting: 2,344,442

Inspection Date: 8/19/2010 9:10:25 AM

Inspector: JCW

Inspection Type: Ongoing

Previous Rainfall (hrs): 72+

Flow Description: None

Submerged: None

Depth (in):

Notes: Catchbasin dry.

Illicit Discharge Potential: Unlikely

☐ Field Follow-up

☐ Office Follow-up

Floatables: None

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☐ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation:

None

☐ Inhibited

☐ Excessive

Benthic Growth:

Slight

☒ Green

☐ Brown

☐ Orange

☐ Other

Stains:

None

☐ Flow Line

☐ Oil

☐ Rust Stains

☐ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100819090438.JPG

Sampling Results

Sample Location:

Sample ID:

Time Collected:

Total Chlorine (field): ppm

Free Chlorine (field): ppm

Total Copper (field): ppm

Ammonia (field): ppm

pH (field): units

Temperature: °F

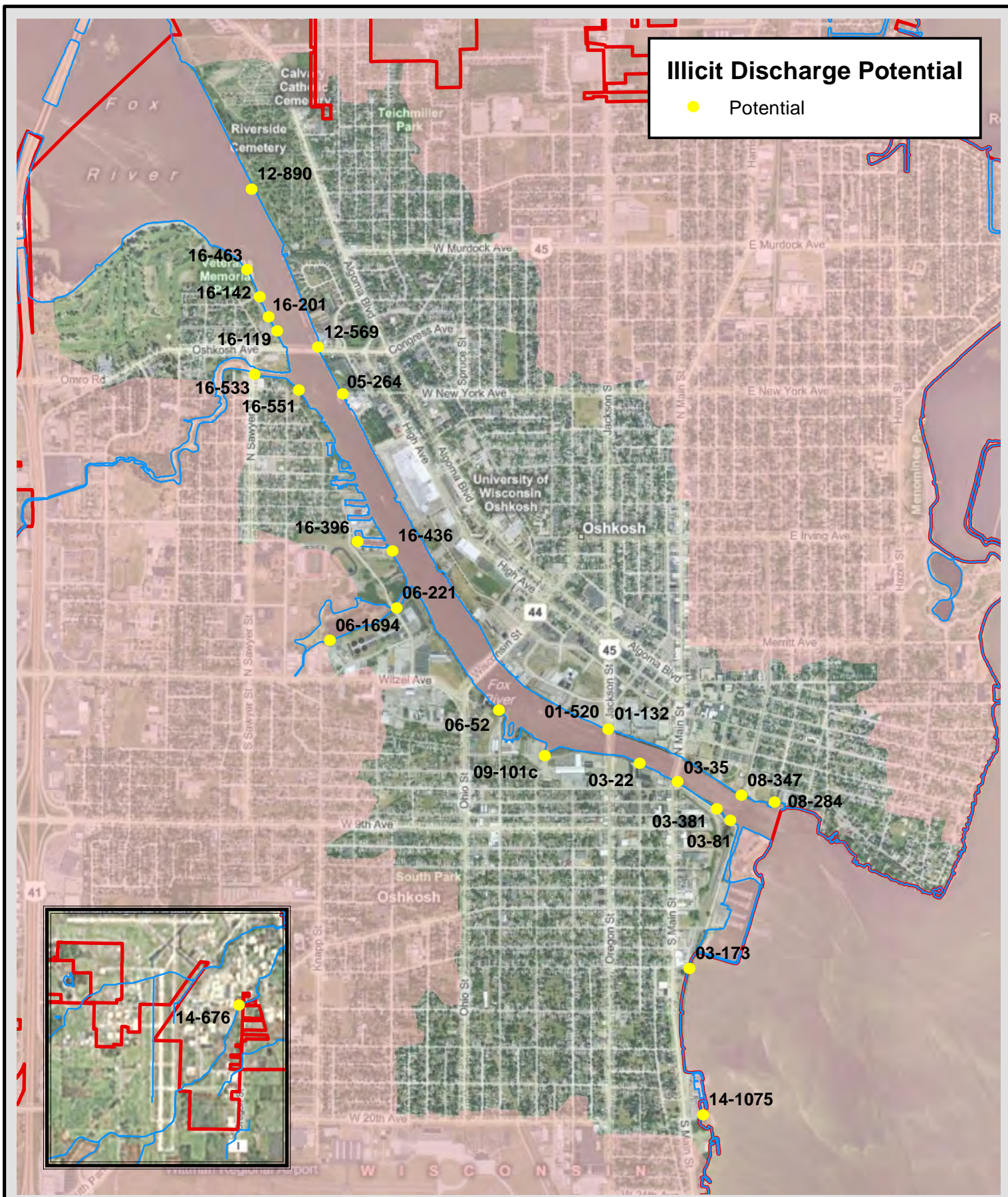
Detergents: mg/L

Phenol: mg/L

Checked by:

Appendix D

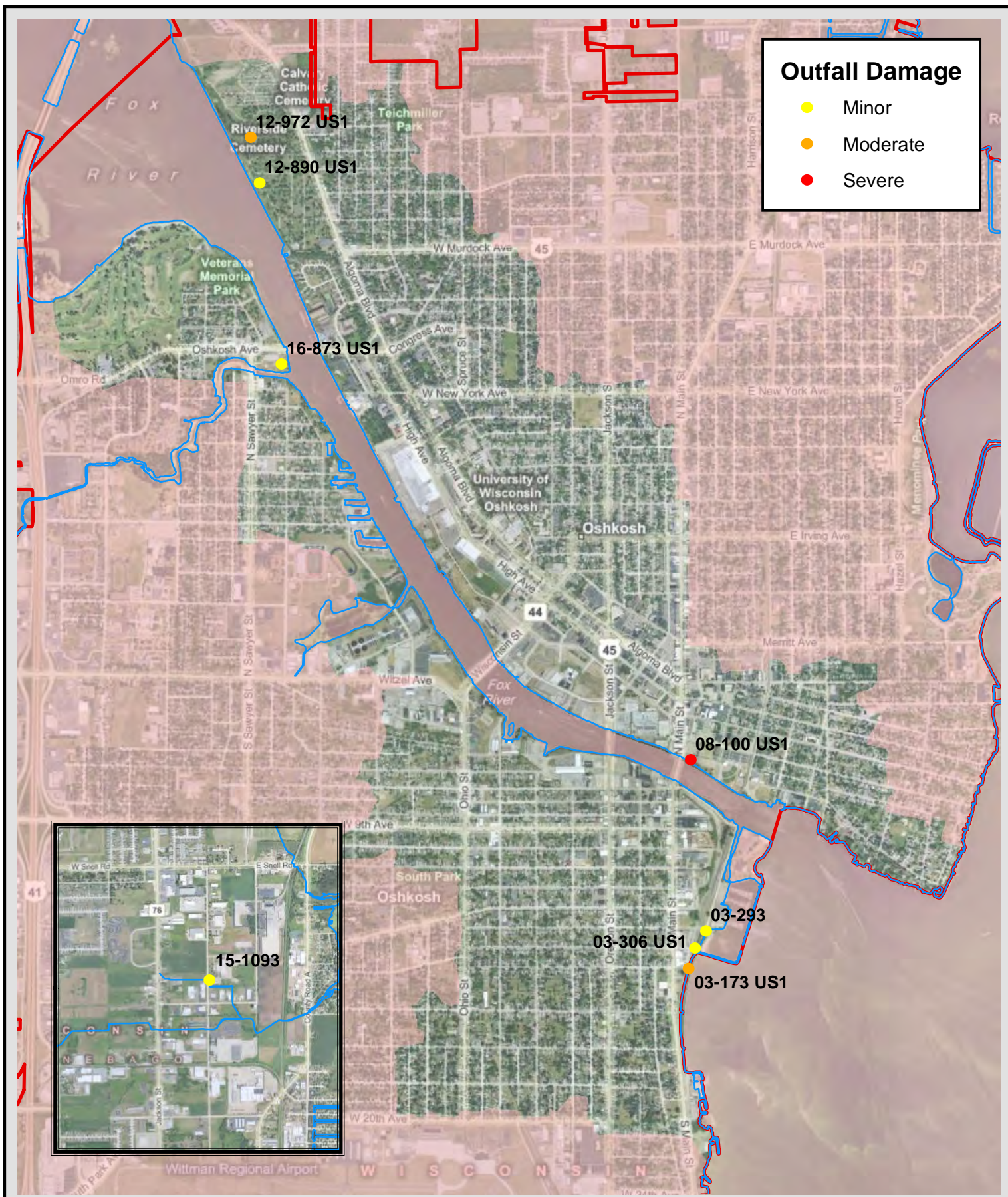
Locations of Outfalls with Potential Illicit Discharges



<p>ONE SYSTEMS DRIVE APPLETON, WI 54914</p> <p>PHONE (920) 735-6900 FAX (920) 830-6100</p>		<p>2010 IDDE ONGOING SCREENING PROGRAM</p> <p>OUTFALLS WITH POTENTIAL ILICIT DISCHARGES</p> <p>CITY OF OSHKOSH WINNEBAGO COUNTY, WISCONSIN</p>	<p>Project Manager: BDW Project Engineer: JCW Drawn By: JCW Checked By: BDW</p>	<p>SCALE: 1" = 2,321'</p>
			<p>Date: 3/28/2011</p>	<p>PROJECT NO. N2029B10</p> <p>FIGURE NO. APP D</p>

Appendix E

Locations of Outfalls with Damage



ONE SYSTEMS DRIVE PHONE (920) 735-6900
APPLETON, WI 54914 FAX (920) 830-6100



2010 IDDE ONGOING SCREENING PROGRAM DAMAGED OUTFALLS

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

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

Date: 1/4/2011

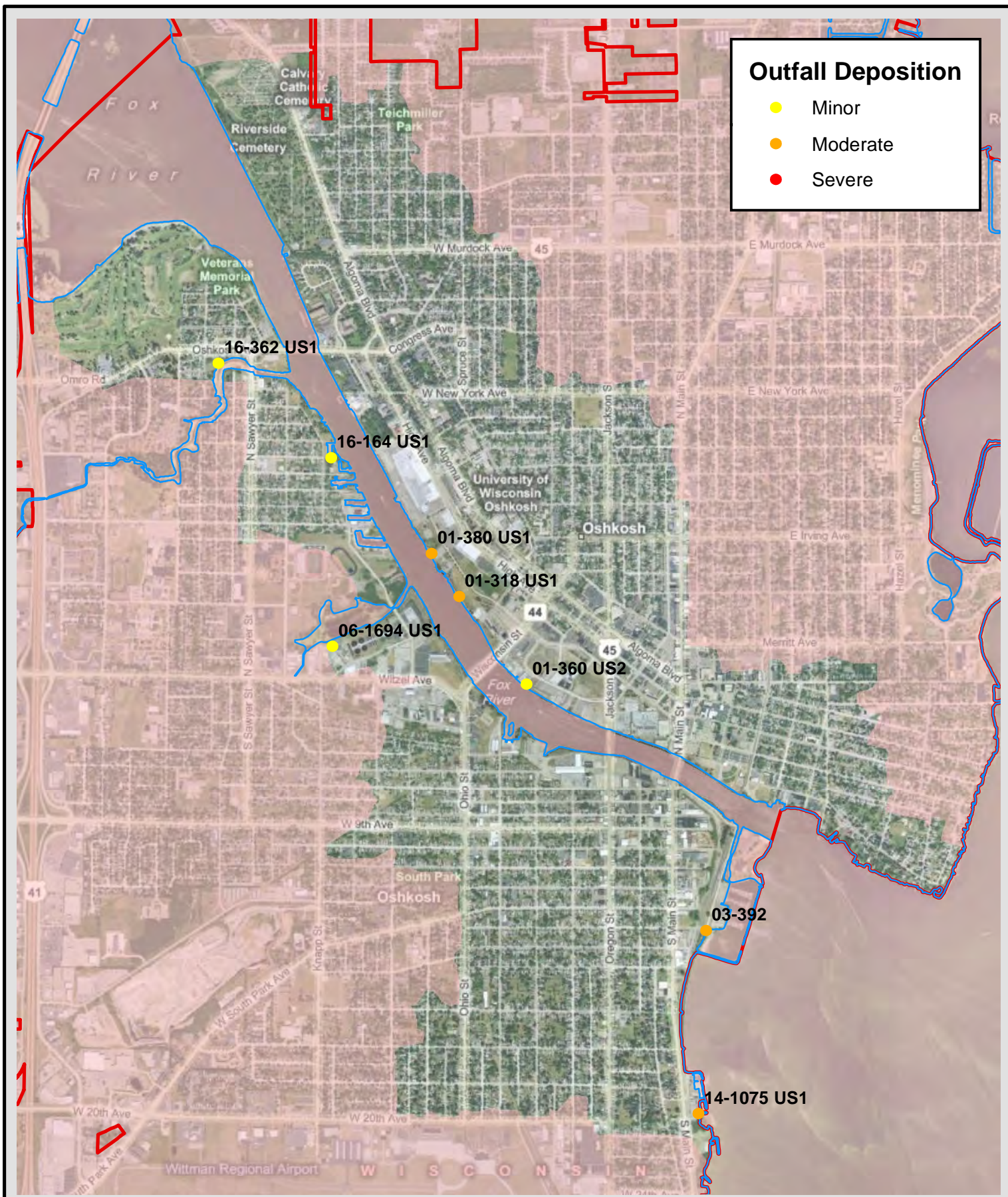
SCALE:
1" = 2,320'

PROJECT NO.
N2029B10

FIGURE NO.
APP E

Appendix F

Locations of Outfalls with Deposition



Outfall Deposition

- Minor
- Moderate
- Severe



ONE SYSTEMS DRIVE PHONE (920) 735-6900
APPLETON, WI 54914 FAX (920) 830-6100



2010 IDDE ONGOING SCREENING PROGRAM OUTFALLS WITH DEPOSITION

CITY OF OSHKOSH
WINNEBAGO COUNTY, WISCONSIN

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

Date: 1/6/2011



SCALE:
1" = 2,321'

PROJECT NO.
N2029B10

FIGURE NO.
APP F

Appendix G
Locations of Upstream Manholes with
Floatable Debris



 <p>ONE SYSTEMS DRIVE PHONE (920) 735-6900 APPLETON, WI 54914 FAX (920) 830-6100</p>		<p>2010 IDDE ONGOING SCREENING PROGRAM</p> <p>UPSTREAM MANHOLES WITH FLOATABLE DEBRIS</p> <p>CITY OF OSHKOSH WINNEBAGO COUNTY, WISCONSIN</p>	<p>Project Manager: BDW Project Engineer: JCW Drawn By: JCW Checked By: BDW</p>	<p>SCALE: 1" = 2,321'</p>
			<p>Date: 3/28/2011</p>	<p>PROJECT NO. N2029B10</p> <p>FIGURE NO. APP G</p>

Appendix H

Outfall 14-676 (Waukau Ave Culvert) Investigation

City of Oshkosh

Outfall ID: 14-676

NR 216 Classification:
Major Outfall

Structure: Closed Pipe
Diameter (in): 30
Height (in):
Width (in):
Material: CMP
Shape: Circular
Barrels: Single



DSCN6537.JPG

- ☐ Office Follow-up Required
☐ Field Follow-up Required
☐ Damaged
☐ Graffiti
☐ Significant Erosion

GPS Coordinates:

Northing: 725,466.97
Easting: 2,351,935.17

Outfall Notes:

30 inch CMP discharges into west culvert

Location Map



Inspection Date: 9/4/2009 Inspector: JCW Flow Description: Moderate Previous Rainfall (hrs): 72+

Illicit Discharge Potential: Potential

Submerged in Water: No

inches: 0

Notes: Sample 09090411 collected from pool (suds). No detergent detected.

Submerged in Sediment: No

inches: 0

Physical Indicators (Outfall and Surrounding Area)

- Outfall Damage** ☒ Corrosion ☐ Peeling Paint ☐ Spalling/Cracking/Chipping
Deposits/Stains ☐ Oily ☐ Paint ☒ Flow Line ☐ Other:
Pipe Benthic Growth ☐ Brown ☐ Orange ☐ Green ☐ Other:
Abnormal Vegetation ☐ Inhibited ☐ Excessive
Poor Pool Quality ☐ Odors ☐ Colors ☐ Oil Sheen ☒ Suds ☐ Floatables
☐ Excessive Algae ☐ Other:



DSCN6538.JPG

Physical Indicators (In Flow, if outfall is flowing)

- Odor:** None ☐ Sewage ☐ Sulfide ☐ Rancid/Sour ☐ Petroleum ☐ Other:
Floatables: None ☐ Sewage ☐ Suds ☐ Petroleum ☐ Other:
Color: None ☐ Clear ☐ Brown ☐ Green ☐ Orange ☐ Red ☐ Blue ☐ Yellow
Turbidity: None ☐ Gray ☐ Other:

Sampling Results

Sample Location:	Flow	Total Chlorine (field):	0 ppm	Phenol:	0 mg/L
Sample ID:	090904-10	Free Chlorine (field):	0 ppm	Detergents:	0 mg/L
Time Collected:	1340	Total Copper (field):	0 ppm		
		pH (field):	8.32 units	Temperature:	78 °F

Checked by: BDW 11/12/2009

City of Oshkosh

Outfall ID: 14-676

Major Outfall

Structure Type:

Closed Pipe Outfall

Discharge Location:

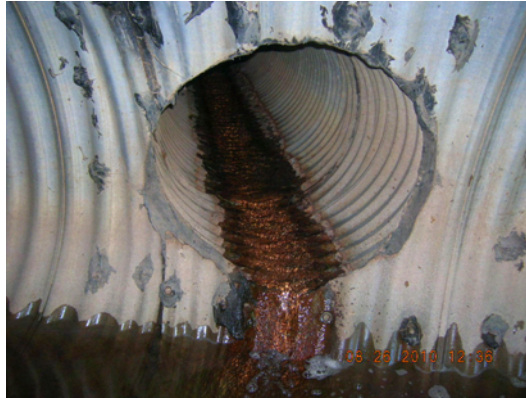
Water of the State

Shape:

Pipe - Circular

Material:

CMP



o20100826123640.JPG

Dimensions

Diameter (in): 30

Height/Depth (in):

Width (in):

Outfall Notes:

30 inch CMP discharges into west culvert.

Location Map



Mapping Precision:

Mapping GPS

☐ Not Physically Located

County Coordinates:

Northing: 459,937

Easting: 791,621

State Plane Coordinates:

Northing: 725,467

Easting: 2,351,935

Inspection Date: 8/26/2010 1:00:18 PM

Inspector: JCW

Inspection Type: Other

Previous Rainfall (hrs): 72+

Flow Description: Moderate

Submerged: None

Depth (in):

Notes: Sample consists of sheen skimmed from surface of downstream pool.

Illicit Discharge Potential: Potential

☐ Field Follow-up

☐ Office Follow-up

Floatables: Moderate

☐ Petroleum Sheen

☐ Suds

☐ Sewage

☒ Other

☐ Natural Sheen

☐ Algae

☐ Solid Waste/Debris

Odor: None

☐ Petroleum

☐ Musty

☐ Sewage

☐ Chlorine

☐ VOC/Solvent

☐ Fishy

☐ Sulfur

☐ Sour

Turbidity: None

☐ Other

Color: None

Vegetation: None

☐ Inhibited

☐ Excessive

Benthic Growth: None

☐ Green

☐ Brown

☐ Orange

☐ Other

Stains: Moderate

☐ Flow Line

☐ Oil

☐ Rust Stains

☒ Corrosion

☐ Paint

☐ Other

Physical Condition Assessment

Graffiti: None

Erosion: None

Deposition: None

Damage: None

Depth (in):

☐ Displacement

☐ Undercut

☐ Crushed

☐ Corrosion

☐ Concrete Damage



o20100826123758.JPG

Sampling Results

Sample Location: Pool

Sample ID: 100826-85

Time Collected: 1240

Total Chlorine (field): 0 ppm

Free Chlorine (field): 0 ppm

Total Copper (field): 0 ppm

Ammonia (field): 0 ppm

pH (field): 8.52 units

Temperature: 76 °F

Detergents: 0 mg/L

Phenol: 0 mg/L

City of Oshkosh

Outfall ID: 14-676

Inspection Date: 8/26/2010 12:58:18 PM		Inspector: JCW		Inspection Type: Ongoing		Previous Rainfall (hrs): 72+	
Flow Description: Moderate				Notes: Persistent suds and gel-like sheen downstream			
Submerged: None		Depth (in):					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: Moderate		<input type="checkbox"/> Petroleum Sheen		<input checked="" type="checkbox"/> Suds		<input type="checkbox"/> Sewage <input checked="" type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur <input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: Moderate		<input type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input checked="" type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in):					
Damage: None		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
Sampling Results							
Sample Location: Flow							
Sample ID: 100826-52							
Time Collected: 1240							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): 0 ppm							
pH (field): 8.3 units							
Temperature: 78 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							



o20100826123658.JPG

Inspection Date: 9/4/2009		Inspector: JCW		Inspection Type: Initial		Previous Rainfall (hrs): 72+	
Flow Description: Moderate				Notes: Sample 09090411 collected from pool (suds). No detergent detected.			
Submerged: None		Depth (in): 0					
Illicit Discharge Potential: Potential				<input type="checkbox"/> Field Follow-up <input type="checkbox"/> Office Follow-up			
Floatables: Moderate		<input type="checkbox"/> Petroleum Sheen		<input checked="" type="checkbox"/> Suds		<input type="checkbox"/> Sewage <input type="checkbox"/> Other	
		<input type="checkbox"/> Natural Sheen		<input type="checkbox"/> Algae		<input type="checkbox"/> Solid Waste/Debris	
Odor: None		<input type="checkbox"/> Petroleum		<input type="checkbox"/> Musty		<input type="checkbox"/> Sewage <input type="checkbox"/> Chlorine	
		<input type="checkbox"/> VOC/Solvent		<input type="checkbox"/> Fishy		<input type="checkbox"/> Sulfur <input type="checkbox"/> Sour	
Turbidity: None						<input type="checkbox"/> Other	
Color: None							
Vegetation: None		<input type="checkbox"/> Inhibited		<input type="checkbox"/> Excessive			
Benthic Growth: None		<input type="checkbox"/> Green		<input type="checkbox"/> Brown		<input type="checkbox"/> Orange <input type="checkbox"/> Other	
Stains: Moderate		<input checked="" type="checkbox"/> Flow Line		<input type="checkbox"/> Oil		<input type="checkbox"/> Rust Stains	
		<input checked="" type="checkbox"/> Corrosion		<input type="checkbox"/> Paint		<input type="checkbox"/> Other	
Physical Condition Assessment							
Graffiti: None							
Erosion: None							
Deposition: None		Depth (in): 0					
Damage: Minor		<input type="checkbox"/> Displacement		<input type="checkbox"/> Undercut		<input type="checkbox"/> Crushed	
		<input checked="" type="checkbox"/> Corrosion		<input type="checkbox"/> Concrete Damage			
Sampling Results							
Sample Location: Flow							
Sample ID: 090904-10							
Time Collected: 1340							
Total Chlorine (field): 0 ppm							
Free Chlorine (field): 0 ppm							
Total Copper (field): 0 ppm							
Ammonia (field): ppm							
pH (field): 8.32 units							
Temperature: 78 °F							
Detergents: 0 mg/L							
Phenol: 0 mg/L							



Osh09_DSCN6538.JPG

Checked by:

Jason Weis

From: Brian Wayner
Sent: Thursday, August 26, 2010 6:14 PM
To: Jason Weis
Subject: FW: Suds

FYI

Brian Wayner
OMNNI Associates

-----Original Message-----

From: Mike Ricker [<mailto:miker@water-right.com>]
Sent: Thursday, August 26, 2010 4:17 PM
To: Brian Wayner
Subject: RE: Suds

Sorry Brian,
I don't have any suggestions to help you out on this one. I checked with Badger Labs and they do nearly the same method as you did.

Michael J. Ricker
Synergy Environmental Lab, INC
1990 Prospect Court
Appleton, WI 54914
Ph# 920-830-2455

-----Original Message-----

From: Brian Wayner [<mailto:Brian.Wayner@omnni.com>]
Sent: Thursday, August 26, 2010 12:46 PM
To: Mike Ricker
Subject: FW: Suds

Hi Mike,

We are performing stormwater outfall screening for the City of Oshkosh. The outfall in the attached photo has a suds/foam on the surface water. We ran the detergent test last year and it came back negative. Since the suds/foam is still around, we would like to figure out what it is and who is discharging it. Any suggestions for laboratory analysis? I attached information on Hach's detergent test. Since the test doesn't pick up soaps, is there one you can run? The method we are using is the methylene blue active substances test.

Brian Wayner
OMNNI Associates

-----Original Message-----

From: Jason Weis
Sent: Thursday, August 26, 2010 12:25 PM
To: Brian Wayner
Subject: Suds

Rescreen of last years outfall with suds still has suds. Do you want me to do anything other than the typical sample?

Sent from my U.S. Cellular(r) Windows(r) phone.

This email is subject to OMNNI Associates, Inc. Electronic File Disclaimer.
For full disclaimer see http://www.omnni.com/legal/OMNNI_Email_Disclaimer.pdf

Jason Weis

From: Brian Wayner
Sent: Thursday, August 26, 2010 6:26 PM
To: Rabe, James E.
Cc: Jason Weis
Subject: Oshkosh screening

James,

None of the samples tested today were either outside "normal" observed conditions or had any indications of contaminants (detergents all came back 0 ppm). The lab manager at Synergy didn't have any suggestions and he checked with Badger Labs and they run the same test we do. I will do some searching on the internet and see if there are any suggestions of other approaches we could take.

I have a meeting in Door County tomorrow morning and then will be spending the rest of the day (hopefully) enjoying the weather and tourist stuff. I will be back in the office on Monday. Jason will also be out of the office tomorrow.

Have a great weekend!

Brian Wayner, P.E.
Environmental Manager

OMNNI Associates, Inc.
One N. Systems Drive, Appleton, WI 54914-1654
800.571.6677, 920.830-6141 (D), 920.830-6100 (F)
bwayner@omnni.com

This email is subject to OMNNI Associates, Inc. Electronic File Disclaimer.
For full disclaimer see http://www.omnni.com/legal/OMNNI_Email_Disclaimer.pdf