# Lower Grand River Watershed Progress Report

# Georgetown Charter Township

**Reporting Period: August 1, 2017– July 31, 2018**


Prepared by the:

GVMC

Grand Valley Metropolitan Council

Environmental Programs

678 Front Avenue Suite 200

Grand Rapids, Michigan 49504

(616) 776-7702

http://www.lgrow.org

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# List of Abbreviations/Acronyms

| | |
|---|---|
| AWRI | Annis Water Resources Institute |
| BMP | Best Management Practice |
| CES | Center for Environmental Study |
| CoC | Certificate of Coverage |
| DIP | Data, Information, and Procedures |
| DPW | Department of Public Works |
| GI | Green Infrastructure |
| GVMC | Grand Valley Metropolitan Council |
| HD | Health Department |
| ICMA | International City/Country Management Association |
| IDEP | Illicit Discharge Elimination Plan |
| I&E | Information and Education |
| KCDC | Kent County Drain Commissioner |
| KCRC | Kent County Road Commission |
| KIH | Kent Innovation High School |
| LGROW | Lower Grand River Organization of Watersheds |
| LGRW | Lower Grand River Watershed |
| LID | Low Impact Development |
| MACC | Macatawa Area Coordinating Council |
| MDEQ | Michigan Department of Environmental Quality |
| MGROW | Middle Grand River Organization of Watersheds |
| MS4 | Municipal Separate Storm Sewer System |
| MSUE | Michigan State University Extension |
| MWEA | Michigan Water Environment Association |
| NOAA | National Oceanic and Atmospheric Administration |
| NPDES | National Pollutant Discharge Elimination System |
| NPS | Nonpoint Source |
| O&M | Operation and Maintenance |
| OCWRC | Ottawa County Water Resources Commissioner |
| PCC | Post-Construction Controls |
| PEP | Public Education Plan |
| POS | Point-of-Sale |
| SEMCOG | Southeast Michigan Council of Governments |
| SESC | Soil Erosion and Sedimentation Control |
| SWPPI | Stormwater Pollution Prevention Initiative |
| TMDL | Total Maximum Daily Load |
| TSS | Total Suspended Solids |
| USEPA | U.S. Environmental Protection Agency |
| WMEAC | West Michigan Environmental Action Council |
| WMP | Watershed Management Plan |
| WMSECN | West Michigan Soil Erosion Control Network |
| WMSRDC | West Michigan Shoreline Regional Development Commission |
| WQI | Water Quality Index |

# Purpose

This Lower Grand River Watershed Progress Report was developed by the Grand Valley Metropolitan Council's (GVMC) Department of Environmental Programs in collaboration with the regulated communities within the Lower Grand River Watershed. This document satisfies the requirement set forth in the Michigan Department of Environmental Quality's (MDEQ) National Pollutant Discharge Elimination System (NPDES) Wastewater Discharge General Permit, Storm Water Discharges from Municipal Separate Storm Sewer Systems (MS4s) Subject to Watershed Plan Requirements as outlined in Section B(3).

# Part 1 – Contact Information

| **Contact Information for Michigan Department of Environmental Quality (MDEQ):** | |
|---|---|
| Please provide current contact information for MDEQ to use regarding stormwater issues. | |
| **Permit Application Contact** | |
| Name | Rod Weersing |
| Title | Assistant Superintendent |
| Address | 1515 Baldwin Street |
| City, State, Zip | Jenison, MI 49428 |
| Telephone (with area code) | (616) 226-6002 |
| Fax (with area code) | |
| E-mail | rweersing@georgetown-mi.gov |
| **Stormwater Program Manager** | |
| Name | Rod Weersing |
| Title | Assistant Superintendent |
| Address | 1515 Baldwin Street |
| City, State, Zip | Jenison, MI 49428 |
| Telephone (with area code) | (616) 226-6002 |
| Fax (with area code) | |
| E-mail | rweersing@georgetown-mi.gov |
| **Stormwater Permit Fee Billing Address** | |
| Name | Rod Weersing |
| Title | Assistant Superintendent |
| Address | 1515 Baldwin Street |
| City, State, Zip | Jenison, MI 49428 |
| Telephone (with area code) | (616) 226-6002 |
| Fax (with area code) | |
| E-mail | rweersing@georgetown-mi.gov |

# Part 2 – Municipal Stormwater Pollution Prevention Initiatives (SWPPI) Commitments

Committees have been working to address different subject areas to make program implementation as efficient as possible. Municipal Separate Storm Sewer System (MS4) permittees participate in the Lower Grand River Organization of Watersheds (LGROW) committees. Committee meetings have also been used to update everyone on the progress of the other committees and the program in general. The committees are as follows:

- Public Engagement Committee
- Stormwater Ordinance Committee (SWOrd)
- Technical Committee
- Sustainability Committee
- Fund Development and Membership Committee
- LGROW Executive Committee

The list of committee members who have served on the committees during this reporting period are indicated in Table 2 below. Members denoted with an asterisk are not MS4 permitted representatives.

**Table 1. LGROW Committee Membership List as of July 31, 2018**

| Community | Representative | Public Engagement | Stormwater Ordinance (SWOrd) | Technical | Sustainability | Fund Development & Membership | LGROW Executive |
|---|---|---|---|---|---|---|---|
| Cascade Charter Township | Mr. Steve Peterson | | | | | | |
| | | | | | | | |
| East Grand Rapids, City of | Mr. Brian Donovan | | | | | X | X |
| East Grand Rapids, City of | Mr. Doug LaFave | | | | | | |
| | | | | | | | |
| Forest Hills Public Schools | Ron Boezwinkle | | | | | | |
| | | | | | | | |
| Fruitport, Village of | Jeremy Statler | | | | | | |
| | | | | | | | |
| Georgetown Charter Township | Mr. Rod Weersing | X | | | | | |
| | | | | | | | |
| Grand Haven, City of | Ms. Cheryl Davidson | X | | | | | |
| | | | | | | | |
| Grand Rapids Charter Township | Bob Versluys | | | | | | |
| | | | | | | | |
| Grand Rapids, City of | Mr. Mike Lunn | | | X | | | |

**Table 1. LGROW Committee Membership List as of July 31, 2018**

| Community | Representative | Public Engagement | Stormwater Ordinance (SWOrd) | Technical | Sustainability | Fund Development & Membership | LGROW Executive |
|---|---|---|---|---|---|---|---|
| Grand Rapids, City of | Ms. Carrie Rivette | X | X | | X | X | X |
| Grand Rapids, City of | Mr. Michael Staal | X | X | | X | | |
| Grand Rapids, City of | Mr. Dan Taber | | X | X | | | |
| | | | | | | | |
| Grandville, City of | Mr. Ken Krombeen | | X | | | X | X |
| Grandville, City of | Mr. Todd Wibright | | | X | | | |
| | | | | | | | |
| GVSU* | | | | | | | |
| | | | | | | | |
| Hudsonville, City of | Ms. Jill Frielink | X | | | | | |
| | | | | | | | |
| KCDC | Mr. Brad Boomstra | | X | | | | |
| | | | | | | | |
| KCRC | Mr. Bruce Schutte | X | | | | | |
| | | | | | | | |
| Kent County Health Department* | Mr. Brendan Earl | X | | | | | |
| | | | | | | | |
| Kent Resource Recovery* | Ms. Megan Kretz | X | | | | | |
| | | | | | | | |
| Kentwood, City of | Mr. Jim Beke | | X | X | | | |
| Kentwood, City of | Mr. Dan Vanderheide | | X | | | | |
| Kentwood, City of | Ms. Kelsey Sloan | X | | X | | | |
| | | | | | | | |
| MDEQ* | Ms. Amanda St. Amour | | | | | | |
| MDEQ* | Ms. Michelle Storey | X | | | | X | |
| MDEQ* | Ms. Dana Strouse | X | | X | | | |
| | | | | | | | |
| OCWRC | Mr. Dennis Cole | X | X | | | | |
| OCWRC | Ms. Angela Walachovic | X | | | | | |
| | | | | | | | |
| OCRC | Mr. Jerry Olman | X | | | | | |
| | | | | | | | |
| Plainfield Charter Township | Mr. Rick Solle | | X | | | | |
| Plainfield Charter Township | Ms. Mary Trapp-Gunst | X | | | | | |
| | | | | | | | |

| Table 1. LGROW Committee Membership List as of July 31, 2018 | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Community** | **Representative** | **Public Engagement** | **Stormwater Ordinance (SWOrd)** | **Technical** | **Sustainability** | **Fund Development & Membership** | **LGROW Executive** |
| Spring Lake, Village of | Ms. Chris Burns | | | | | | |
| | | | | | | | |
| Walker, City of | Mr. Scott Conners | | X | | | X | X |
| Walker, City of | Ms. Rachell Nagorsen | X | X | X | X | | X |
| | | | | | | | |
| Wyoming, City of | Mr. Aaron Vis | X | | X | | | X |
| Wyoming, City of | Mr. Myron Erickson | | X | | | | |
| | | | | | | | |

**Public Engagement Committee**

The Public Engagement Committee met on September 13, 2017, November 8, 2017, January 10, 2018, February 14, 2018, and May 16, 2018 during the reporting period. Agendas and minutes for the meetings are posted to https://www.lgrow.org/public-engagement. Throughout the reporting period, the group focused on implementation of the updated Public Education Plan (PEP) approved in February of 2013, available here: https://www.lgrow.org/ms4information.

The Public Engagement Committee has been functioning as a joint committee of the Lower Grand River Organization of Watersheds (LGROW) and the permitted Lower Grand MS4 communities since January of 2014. The goals of LGROW, the Lower Grand River Watershed Management Plan, the strategic plan, and the MS4 Public Education Plan align closely, and through this joint committee's combined efforts, the result has been a larger group of involved stakeholders. This group shares the common goals of raising awareness about the Lower Grand River Watershed (LGRW) and improving the stormwater quality within the watershed. The group focuses on messaging and outreach events that address the target messages of: Personal Watershed Stewardship, Ultimate Stormwater Discharge, Public Reporting of Illicit Discharges, Personal Actions that can Impact the Watershed, Waste Management, Management of Riparian Lands. A detailed list of these events and the outreach conducted during this reporting period is provided in Part 3.

**SWOrd Committee**

The Storm Water Ordinance (SWOrd) Committee met on January 12, 2018, March 9, 2018, March 27, 2018, May 15, 2018 and July 16, 2018 during the reporting period. Meetings were focused on follow up items related to the LGRW alternative approach, the model ordinance, the standards manual, and the stormwater design spreadsheet for MS4 permittees to utilize in their implementation of the new post-construction stormwater control requirements outlined in the 2016 NPDES Permit Application.

The committee finalized templates for the standards manual, model ordinance, the standards manual BMP design criteria appendix, and the LGROW Design Spreadsheet based on feedback from the Michigan Department of Environmental Quality (MDEQ) after the April 2015 submittal of the alternative approach for channel protection. The standards manual follows the steps outlined in the flow chart submitted with the permit applications for the design, review, and permitting of sites with post construction controls. The standards manual was developed in tandem with a LGROW Design Spreadsheet to assist site designers and reviewers to ensure site designs meet all the regulatory criteria outlined in the permit. The development of maintenance agreements per the stormwater post-construction controls is ongoing, and will continue through the next reporting period.

The manual and Design Spreadsheet tools are also designed to ensure that the alternative approach is only utilized as a last resort. The committee finalized the model ordinance for communities to customize for the application of these standards. On March 14, 2018 a meeting was held by GVMC for all MS4's in order to update each community with the progress made regarding their permit application. Since this work began in 2015, much of this reporting period was spent editing and revising permit application documents to accurately reflect how each community implements their MS4 program, accounting for new stormwater regulations under the next MS4 permit.

**Technical Committee**

The Technical Committee met on August 16, 2017, October 18, 2017, December 20, 2017, February 14, 2018, April 18, 2018, and June 20, 2018 during this reporting period. Agendas and minutes from the meetings are available at the following site: https://www.lgrow.org/technical-committee. During the reporting period, the committee members focused on the development of the LGROW Data Repository, which will serve as a resource for the sharing and viewing of water quality data collected throughout the watershed. The Data Repository can be accesses here: https://www.lgrow.org/data-repository/

The Committee also continued work on the watershed monitoring manual to guide the collection, processing, and storage of data in the Lower Grand River Watershed and the Lower Grand River Total

Maximum Daily Load (TMDL) monitoring, as required by the MS4 permit. The committee is coordinating the TMDL monitoring in the stream reaches identified in the MS4 Permit application letters. The City of Wyoming and the City of Grand Rapids are providing sampling equipment and laboratory space to collect and analyze the samples. This work will continue into the next reporting period. At the October 2017 meeting, the committee enjoyed an engaging presentation from a representative from the United States Geological Survey (USGS). IDEP outfall screening was also a focus of the Technical Committee, since many of the MS4's in the watershed were planning to complete this work during the summer of 2018.

**Training**

GVMC provides multiple training documents and DVDs for Permittee use. Documents are available at: https://www.lgrow.org/ms4information. Training materials, including newsletter articles for communities to provide to residents, can be found on the LGROW website. In addition, GVMC has hosted or partnered on several training events during the reporting period including:

- 15th Annual Grand River Spring Forum
    - Held on May 11, 2018 at the Cascade Library
- Stormwater General Awareness and IDEP
    - Offered May 22 and 23, 2018 in both Kent and Ottawa Counties
- Lunch and Learn
    - Offered at GVMC on June 29, 2018 hosted by Upstream Technologies

Training Library

A lending library of training materials is housed at GVMC and is available to all watershed partners to assist with the Municipal Employee Training requirements of the discharge permit. The following materials are currently available:

DVD from Excal Visual, LLC

- IDDE – A Grate Concern: Illicit Discharge Detection & Elimination (14¼ Minutes)

DVD from Excal Visual, LLC

- Storm Watch - Municipal Stormwater Pollution Prevention (20 Minutes)

DVD from Excal Visual, LLC

- Stormwater Pollution Prevention - A Drop in the Bucket (16 Minutes)

DVD from Excal Visual, LLC

- Ground Control - Stormwater Pollution Prevention for Construction Sites (14.5 Minutes)

DVD from Excal Visual, LLC

- Spills & Skills - Non-Emergency HazMat Spill Response (18.5 Minutes)

DVD from Southeast Michigan Council of Governments (SEMCOG) and the Road Commission for Oakland County

- Keep An Eye On It! - Environmental Awareness for Gravel Road Maintenance (18.5 Minutes)

DVD from USEPA - Reduce Runoff: Slow It Down, Spread It Out, Soak It In (includes the following videos)

  - Reduce Runoff: Slow It Down, Spread It Out, Soak It In 9 Minutes
  - RiverSmart Homes: Getting Smart about Runoff 12 Minutes
  - Building Green: A Success Story in Philadelphia 11 Minutes
  - After the Storm 22 Minutes
- DVD from North Central Texas Council of Governments Municipal Employee Training Series: Preventing Stormwater Pollution: What We Can Do (includes the following videos)
  - Introduction: What We Can Do
  - Construction Activities and Land Disturbances
  - Fleet Maintenance and Material Handling
  - Streets and Drainage Maintenance
  - Parks and Grounds Maintenance
  - Solid Waste Management

Attendance at the live events and completion of other training is recorded in each MS4's individual training logs (Part 2D).

**Newsletters**

GVMC sent out seasonal MS4 Newsletters to communities to provide information regarding upcoming training, events, regulatory deadlines, committee meetings, and general program information during the reporting period.

www.lgrow.org Fall 2017

# MS4 UPDATE

*Information for MS4 Permitees in the Lower Grand River Watershed*

Fish swimming over the 6th Street Dam in Sept. 2017

Newsletters such as this will periodically be sent to you. Since we are all a part of the Lower Grand River Watershed, it is important that everyone has current information, is up to date with regulatory requirements, and is aware of other activities happening in the watershed. This messaging also serves as a reminder for upcoming meetings and events, and offers MS4 training opportunities.

Leaves have begun to fall! Attached to this electronic newsletter, you will find an informational brochure about seasonal yard waste. Please post and/or distribute to your employees and community as you see fit. GVMC can print and customize this flier for your community, just let us know what changes you would like to make.

## ON THE HORIZON

Next summer, many Lower Grand River MS4's will need to complete dry-weather screening of their outfalls. The last time outfall sampling occurred was in 2013 and 2014. GVMC will hire interns to complete IDEP testing. In Spring 2018, GVMC will give IDEP training and provide the materials needed to complete testing. In the coming months, please be thinking about any new outfalls, updates that need to be made to maps, problem or high-priority sites, and the amount of time it will take field personnel to complete your testing. More information will become available as testing time gets closer.

## 2016-2017 PROGRESS REPORT UPDATE

All MS4 Progress Reports were submitted to MDEQ by their October 1st due date. Please keep track of the trainings that you and your DPW staff complete during this reporting period. Note that the trainings listed in the progress report are examples and recommendations. MS4 training requirements may be met by other means; for example: information covered during staff meetings, fliers handed out, email blasts, or conferences attended throughout the year. Please make a note of these things as they happen in the 2017-2018 reporting period in order to meet training requirements. Thank you for your help and participation with the reporting process!

## STORMWATER TRAINING OPPORTUNITIES

**13th Annual MiCorps Conference and Training**
Nov. 8-9, 2017 in Tustin, MI

**Ottawa County Water Quality Forum**
Nov. 30, 2017 in West Olive, MI

**MWEA Watershed and Stormwater Seminar**
Dec. 5, 2017 in East Lansing, MI

More information on these trainings can be found here.
*Training DVDs are still available through GVMC. GVMC is looking to acquire more up-to-date training that is applicable to your municipality. If you have any ideas for MS4 materials to train DPW employees, please let us know.*

## UPCOMING COMMITTEE MEETINGS @ GVMC

**Public Engagement Committee**
November 8, 2017 3-4 PM
**Sustainability Committee**
December 4, 2017 1:30-2:30 PM
**Technical Committee**
December 20, 2017 10:30 AM- 12 PM
*2018 Meeting dates and times can be found here.*

## MS4 COMMUNITIES

If you have any stormwater information or events coming up in your community that you would like to share with other MS4s in the area, please let us know so we can get the word out! (Send an email to cara.decker@gvmc.org)

GVMC

More MS4 information can be found on the **LGROW website**

www.lgrow.org Summer 2018

# MS4 UPDATE

*Information for MS4 Permitees in the Lower Grand River Watershed*


Thank you for attending the 15th Annual LGROW Spring Forum on May 11, 2018!

Attached to this electronic newsletter, you will find an informational brochure about ways to prevent pollution during the summer. There are also newsletter articles that highlight general watershed awareness. Please post and/or distribute to your employees and community as you see fit.

## MS4 PERMITS

All communities have received their updated Stormwater Standards Manuals. These manuals outline design standards to comply with new Post Construction Controls under the next MS4 permit. This is one of many documents that will make up the entire MS4 program for your community.

Timely review is necessary. Please work with Cara to get your comments incorporated into these documents. If you need extra explanation or desire further clarification, please do not hesitate to contact GVMC for help.

Once review is complete, the permit application will be submitted to MDEQ. While we are waiting for MDEQ's Permits Section to issue new MS4 permits, the LGROW Design Spreadsheet will be finalized in order to aid developers with compliance to the new permit requirements.

## IDEP OUTFALL SCREENING

This summer, GVMC will be completing dry-weather screening of MS4 outfalls in accordance with the Illicit Discharge Elimination Plan (IDEP). The last time outfall screening occurred was in 2013 and 2014. GVMC will let you know when we will be in your community to complete this work. Screening is weather dependent, so we appreciate your willingness to be flexible.

GVMC provided IDEP training in May. Many thanks to those who attended- this will be documented in your annual progress report to MDEQ.

The training is available for you to share with those who were not able to attend. You can find the slides here: **www.lgrow.org/ms4information**
Please record the date and the names of DPW employees who view the training. We will report them to MDEQ in your progress report.

More information can be found on the LGROW website

www.lgrow.org Winter 2018

# MS4 UPDATE

*Information for MS4 Permitees in the Lower Grand River Watershed*

Snowmelt carrying nonpoint source pollution (salt) to storm drain with direct connection to the Grand River

Winter is still here! Attached to this electronic newsletter, you will find an informational brochure about ways to prevent pollution during the winter. There is also a newsletter article that highlights LGROW's illicit discharge reporting website. Please post and/or distribute to your employees and community as you see fit.

## MS4 PERMIT MEETING

A full MS4 meeting will be held on Wednesday, March 14, 2018, from 1:30-3:30pm, at the City of Walker's Commission Chambers located at: 4243 Remembrance Rd NW, Walker, MI 49534.

GVMC will give updates to the permit application process and review new stormwater standards that your community will be responsible for implementing once the ordinance is adopted. This is an important meeting to have all municipal employees and elected officials attend in order to review and understand the new permit requirements before they go to MDEQ's permit section and your new permit is issued. Please make every effort to attend and invite engineers, planners, supervisors, and other employees from your community who will have responsibility in implementing these new standards.

## 2017 PUBLIC EDUCATION PLAN FOCUS GROUP

A focus group was held on December 18, 2017 at GVMC with the purpose to determine changes in the awareness, education, and behavior of the public as a result of stormwater education efforts since 2009. This focus group ended up being a very educational experience for its participants, while providing valuable feedback on LGROW outreach activities. The mixed demographic of participants and the number of MS4 communities participating provided a fairly diverse view of LGROW's reach into the watershed, and participants shared many ideas to improve LGROW messaging. We plan on using recommendations from this focus group to update the MS4 Public Education Plan, and provide more effective stormwater messaging throughout the watershed. The complete report can be found at: **www.lgrow.org/ms4information**

More information can be found on the LGROW website

**Monitoring**

The Grand River Water Quality Index (WQI) is used to show the trend of Grand River water quality downstream of Grand Rapids. A WQI of 71-90 indicates good water quality with high diversity of aquatic life and very few limits for recreational use. Grand Rapids has been monitoring the Grand River for forty years and all of the data are available upon request. A record of the WQI for Wealthy Street Bridge is provided as an example of improving water quality in the Grand River. An interactive map and data from sampling events can be viewed as follows: https://grandrapids.maps.arcgis.com/apps/Embed/index.html?webmap=b58bd9f6cda949599b15753b888a7048&extent=-85.8676,42.8116,-85.4244,43.0326&zoom=true&scale=true&search=true&searchextent=false&legend=true&disable_scroll=false&theme=light

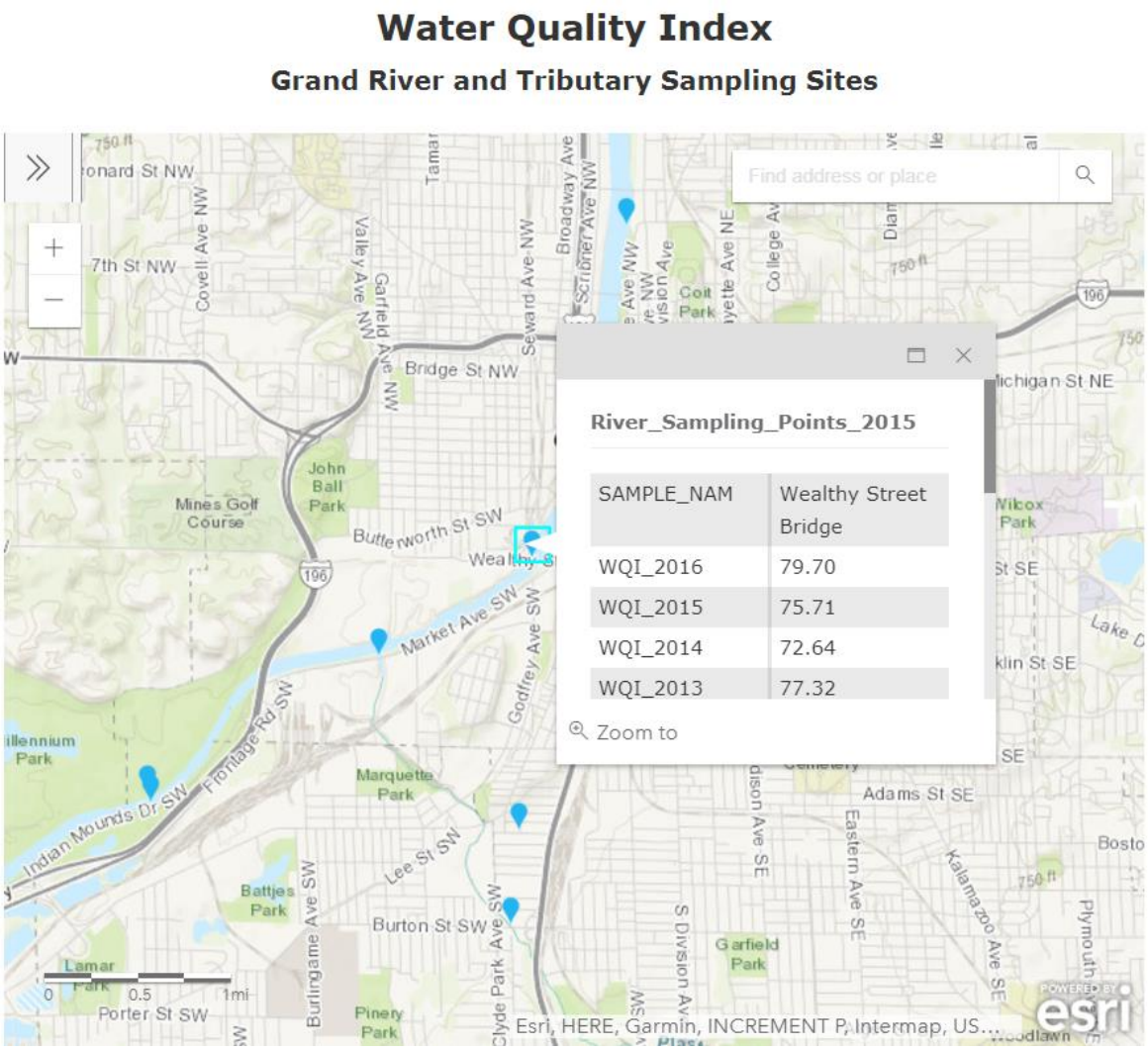


Figure 1 Grand Rapids Water Quality Index Web Interface

**Data Repository**

The LGROW Technical Committee continued working on the design for a watershed-wide data repository with the help of GVMC's Regional Geographic Information System (REGIS) department. Using data collected by the Friends of Buck Creek as part of their 319 monitoring grant, and Indian Mill Creek, as part of GVSU Graduate Students' research, the committee designed a landing page, which provides access to the collected data via an Arc GIS online interface – a free online GIS software that allows users basic viewing and searching capabilities. The group also designed a tutorial for data repository users. The long-term goal is that the data repository will be a central location to access water quality data from sampling events in the Lower Grand River Watershed. With this goal in mind, the Technical Committee also developed submittal tools to allow users to share collected scientific water quality data. The data will be reviewed and checked by LGROW before it is uploaded into the data repository for public viewing at this site: https://www.lgrow.org/data-repository/. Some students and teachers in local school districts have already begun to use the repository to aid classroom learning.

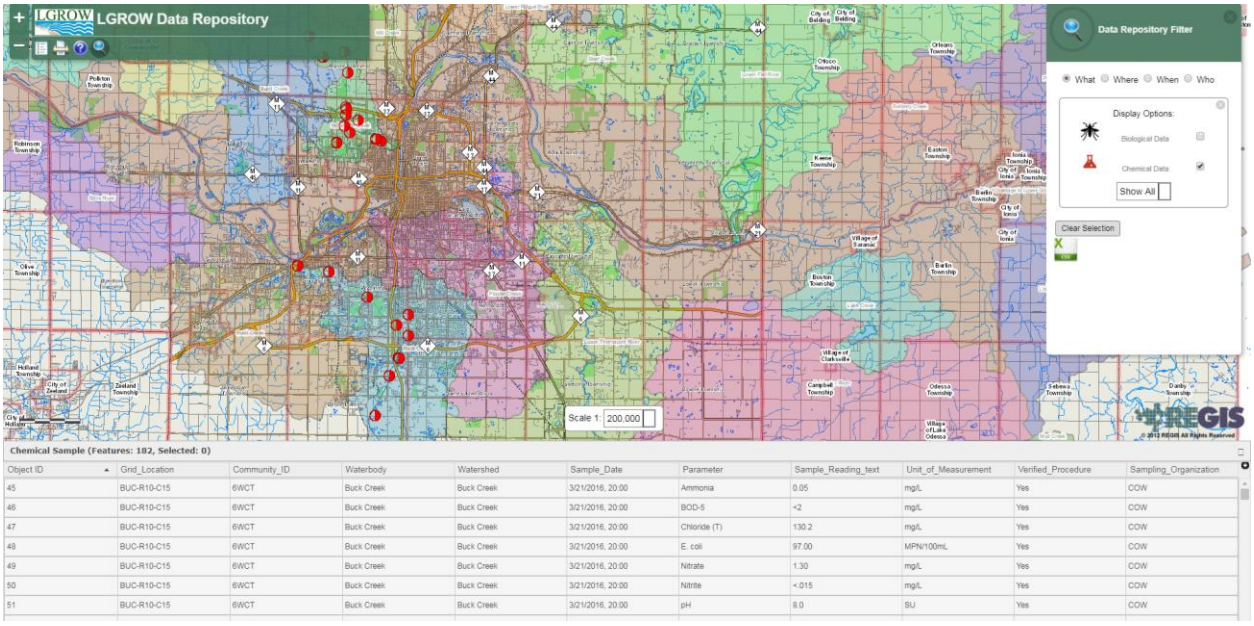



Figure 2 LGROW Data Repository

**MDEQ Program Audits**

GVMC assists communities in preparing for audits, and in addressing any deficiencies identified by MDEQ. During this reporting period, MDEQ performed audits on site for the following communities in the Lower Grand River Watershed:

City of Wyoming, August 29, 2017

City of Grandville, January 18, 2018

Kent County Road Commission, January 24, 2018

Supplemental documentation for these audits will be included in this report for each of the communities listed above. All communities that were audited during this reporting period were found to be in compliance and are implementing effective MS4 programs.

## Part 2A - Lower Grand River Watershed Management Plan Prioritized Objectives

### Encouraging proper septic tank maintenance

Each year a portion of the public education materials distributed address proper septic tank maintenance. Detailed information regarding the nature of these materials is included in Part 3 - PEP of this progress report. Additionally, communities in both Kent and Ottawa Counties work collaboratively with their respective Health Departments to report and ensure correction of failing or failed septic systems. Individual communities track this data in Part 4 – IDEP of this progress report.
The US EPA hosts SepticSmart Week once a year, and LGROW uses the materials provided to encourage of proper septic system care. SepticSmart Week 2017 was held on September 18-22, and focused on educating homeowners and communities on the proper care and maintenance of their septic systems.

### Encouraging septage ordinance

The Ottawa County Health Department presently has an ordinance in place requiring point of sale inspections. The permitted communities located within Ottawa County collaborate with and rely on the Ottawa County Health Department for ongoing enforcement of the ordinance.

Kent and Muskegon Counties have not passed an ordinance requiring point of sale septic system inspections. The permitted entities within Kent and Muskegon County rely on implementation of the IDEP and reporting/enforcement through their stormwater ordinances and the Health Department to follow up on failing or failed septic systems. In the case of a failed septic system, a connection to sanitary is typically required if a sanitary sewer connection is available within 250 feet.

### Implement vegetative buffering practices and restore and protect the stream buffer and canopy

Several communities including the City of East Grand Rapids and the City of Grand Rapids have instituted or evaluated the potential for buffer ordinances. The Cities of Hudsonville and Rockford have included buffer provisions within their zoning ordinances. Many other communities have adopted mowing buffer procedures on the properties they own and maintain. These procedures are identified in Part 2C.

### Implement Michigan Department of Natural Resources wildlife population management practices

Three communities are working with the Michigan Department of Natural Resources on supervised programs to control populations of Canada Geese. These programs include Egg Destruction (East Grand Rapids and Kent County Drain Commissioner), Goose Relocation (Kent County Drain Commissioner), Nest Destruction (Kent County Drain Commissioner), and Targeted Goose hunts for population reduction (Plainfield Charter Township). Communities throughout the watershed are utilizing signage to discourage the feeding of waterfowl, actively installing goose deterrents, and/or instituting procedures for a no-mow buffer adjacent to streams and ponds to function as a natural deterrent. The City of Hudsonville has provided a portal on their website for residents to report nuisance wildlife.

**Implement sanitary sewer maintenance practices**

Sanitary sewer service is provided by several communities to residents in expanded service areas. Through these partnerships, many communities are able to utilize sanitary sewer infrastructure instead of relying on septic fields. The City of Grand Rapids collaborates with Cascade Charter Township, the City of East Grand Rapids, Forest Hills Public Schools, Grand Rapids Charter Township, Kent County, Kentwood, and the City of Walker. The City of Wyoming collaborates with the City of Kentwood and portions of the City of Grandville. The City of Grandville collaborates with the City of Hudsonville and portions of Georgetown Charter Township. The City of Grand Haven collaborates with the City of Ferrysburg and the Village of Spring Lake. The North Kent Sewer Authority collaborates with Plainfield Charter Township and the City of Rockford. All of the MS4 LGROW community members have procedures to inspect and maintain their sanitary sewer systems, which are independent of their MS4 systems. Information related to the maintenance and upgrades of sewer infrastructure is included in Part 2B of the report.

**Implement Low Impact Development Practices**

Low Impact Development (LID) and Green Infrastructure (GI) are critical components in both the SWPPI and the PEP. Detailed information on the training related to LID practices and implementation is detailed in Part 2D. Tracking of the installation and consideration of LID practices by Permittees is tracked in Part 2E. The PEP incorporates messages on the implementation of LID practices such as rain gardens, buffer strips, and native plantings for their direct benefits to water quality. The PEP focuses on LID practices that are feasible for individual homeowners to implement, rather than large scale development.

**Implement watershed focused land-use planning**

Throughout the watershed, construction in FEMA mapped floodplains is regulated by the Michigan Building Code to ensure that construction below the base flood elevation does not occur. This is accomplished by providing prescribed release rates for Bank Erosion Control, as well as Flood Control.

Water Quality control is addressed with detention and infiltration, where possible, or delayed and restricted release where it is not.

As the Stormwater Ordinance Committee worked on developing the model stormwater ordinance for the next MS4 permit, many of the design requirements needed to prevent or mitigate flooding in site designs were left intact. Though these were not required as part of the MS4 permit application, permitted communities recognize the need for flood protection for the protection of downstream residences and receiving waters.

**Implement proper soil erosion and sedimentation control techniques**

Part 91, Soil Erosion and Sedimentation Control (SESC), of the Natural Resources and Environmental Protection Act (NREPA), 1994 PA 451, as amended, regulates the activity of earth work and mandates that projects disturbing an area greater than one acre in size or an area less than 500 feet from a lake or stream obtain a soil erosion permit from the regulatory agency with jurisdiction over the area in which they are working. Table 2 details which Permittees work collaboratively with the county enforcing agent (CEA), which Permittees administer their own program as a municipal enforcing agent (MEA), and which Permittees have the authority to oversee their own projects as authorized public agencies (APA). MEA, CEA, and APA programs implement a thorough soil erosion and sediment control plan review and regular site inspections in their programs for permitted sites. Plan review and site inspections are conducted by staff with either a comprehensive or inspector construction site stormwater operator certification respectively.

Training on topics related to construction site stormwater runoff is detailed in Part 2D. Training ensures that even if a community does not oversee their own program, field staff will be informed regarding observations on a construction site and the appropriate entity to report to if there is an offsite discharge or poorly maintained SESC measures. Many LGRW MS4 permitted communities who administer a Part 91 program also work closely with the West Michigan Soil Erosion Control Network, a professional network that provides regular training, panel discussions and field demonstrations on BMPs and new technologies in this field.

| **Table 2. LGRW Part 91 Administration Authority as of July 31, 2018** | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Community** | **Part 91 Contact Info** | | **MEA** | **Utilizes CEA** | | | **APA** |
| | **Name** | **Phone** | | **Kent** | **Muskegon** | **Ottawa** | |
| Cascade Charter Township | KCRC | 616-242-6914 | | X | | | |
| East Grand Rapids, City of | KCRC | 616-242-6914 | | X | | | |
| Ferrysburg, City of | OCWRC | 616-994-4530 | | | | X | |
| Forest Hills Public Schools | KCRC | 616-242-6914 | | X | | | |
| Fruitport, Village of | Muskegon County DPW | 231-724-6411 | | | X | | |
| Georgetown Charter Township | OCWRC | 616-994-4530 | | | | X | |
| Grand Haven, City of | OCWRC | 616-994-4530 | | | | X | |
| Grand Rapids Charter Township | KCRC | 616-242-6914 | | X | | | |
| Grand Rapids, City of | Environmental Services Dept. | 616-456-3057 | X | | | | X |
| Grandville, City of | KCRC | 616-242-6914 | | X | | | |
| Hudsonville, City of | OCWRC | 616-994-4530 | | | | X | |
| Kent County Drain Commissioner & Administration | Deputy Drain Commissioner | 616-336-3688 | | | | | X |
| Kent County DPW | Kent Co. DPW | 616-336-3694 | | | | | X |
| **Kent County Road Commission (Kent County CEA)** | KCRC | 616-242-6914 | | X | | | X |
| Kentwood, City of | Engineering Dept. | 616-554-0737 | X | | | | X |
| **Ottawa County Water Resources Commissioner & Administration (Ottawa County CEA)** | OCWRC | 616-994-4530 | | | | X | X |
| Ottawa County Road Commission | Engineering Dept. | 616-842-5400 | | | | | X |
| Plainfield Charter Township | KCRC | 616-242-6914 | | X | | | |
| Rockford, City of | Public Services Dept. | 616-866-9631 | X | | | | |
| Sparta, Village of | KCRC | 616-242-6914 | | X | | | |
| Spring Lake, Village of | OCWRC | 616-994-4530 | | | | X | |
| Walker, City of | Engineering Dept. | 616-453-6311 | X | | | | |
| Wyoming, City of | KCRC | 616-242-6914 | | X | | | |

**Implement channel and stream bank stabilization, bio-engineering and erosion control techniques**

The MDEQ requires a joint permit from the state of Michigan for all work performed in channels that are designated as waters of the state. Any work that occurs within 500 feet of a lake or stream requires a soil erosion control permit from the authorized Part 91 agency, as referenced above. These permitting procedures work in tandem to prevent negative impacts during and after construction, as well as to ensure adequate restoration. Permitted communities in the Lower Grand River Watershed have policies in place to ensure protection of drainage systems from construction site runoff as detailed in Part 2C and perform regular training as referenced in Part 2D related to construction site stormwater runoff and water quality protection.

**Implement turf management and proper fertilizer application practices**

Permitted communities within the Lower Grand River Watershed have developed procedures for managing vegetation and using fertilizers on Permittee owned properties as outlined in Part 2C. These policies and procedures were reviewed as permittees prepared their individual permit applications in Spring 2015. All staff at the communities and their subcontractors adhere to these procedures. Training is also provided in the form of the brochure, "What Every Landscaper Must Know". This brochure is distributed as part of the comprehensive training plan on controls to reduce the discharge of pesticides, herbicides, and fertilizers, as described in Part 2D. The brochure was updated in 2014 to allow for permitted MS4s to customize it for distribution to their staff and contractors as well as local landscaping businesses.

## Part 2B - Stormwater Controls Inspection, Maintenance and Effectiveness
## August 1, 2017 to July 31, 2018

| **BMPs on Multiple Municipal Properties**<br>**Administration Building and Library Parking Lot, Senior Building Parking Lot, ~~Ice Arena Parking Lot~~, Church Street Fire Station, Maplewood Park, Parks Director Office** | | | | |
|---|---|---|---|---|
| **Structural Storm Water Control** | **Inspection Frequency** | **Maintenance Schedule** | **Inspection and Maintenance Conducted and Location of Log (if applicable)** | **Effectiveness of Control and Support Documentation** |
| Catch basin sumps | Annual | As needed | July 2018<br>Logs available at Township Office | Very Effective |
| Storm sewer system | As needed based on catch basin inspections | As needed | July 2018<br>Logs available at Township Office | Very Effective |
| Detention basin | Annual – June | As needed | July 2018<br>Logs available at Township Office | Very Effective |

***Note:** The Township no longer owns the Ice Arena

## Part 2C - Procedures Status
## August 1, 2017 to July 31, 2018

The following Pollution Prevention and Good Housekeeping procedures are used by Georgetown Charter Township staff to control storm water quality. The Township has developed and adopted Best Management Practices (BMPs) that are used at each municipal property or for specific job functions that could impact stormwater quality. Dates of revised procedures are listed and revisions attached.

| **Procedure** | **Date Adopted** | **Date Revised (if needed)** |
|---|---|---|
| Procedure to Dispose of Storm Sewer System Operation and Maintenance Waste | August 9, 2010 | N/A |
| Procedures to Construct, Operate, and Maintain Streets, Roads, Highways and Parking Lots | August 9, 2010 | N/A |
| Procedure to Reduce Runoff of Total Suspended Solids (TSS) | August 9, 2010 | N/A |
| Procedure to Prevent Salt and Sand from Entering Receiving Streams | August 9, 2010 | N/A |
| Procedure to Control Dust and Suspended Solids in Runoff | August 9, 2010 | N/A |
| Procedure for Managing Vegetation on Municipal Property | August 9, 2010 | N/A |
| Procedure for Using Fertilizers on Municipal Property | August 9, 2010 | N/A |
| | | |

## Part 2D - Staff and Contractors Training on Pollution Prevention and Good Housekeeping

| Training Topic Area | Employee Group to Receive Training | Training Frequency | Potential Training Type |
|---|---|---|---|
| **Required Topics** | | | |
| Maintenance activities, maintenance schedules, and inspection procedures | Parks and Cemetery Supervisor | Continuous, as necessary | **Written O&M Procedures**<br><br>**Storm Water Pollution Prevention - A Drop in the Bucket - DVD from Excal Visual, LLC**<br><br>**"Best Management Practices for Municipal Operations" Training Session – Live Presentation** |
| **Training completed:** | | | |
| Controls on streets, parking lots, maintenance garages, and storage yards | DPW Director and Supervisor | Ongoing and as necessary | **Storm Watch - Municipal Storm Water Pollution Prevention - DVD from Excal Visual, LLC**<br><br>**Spills & Skills - Non-Emergency HazMat Spill Response - DVD from Excal Visual, LLC**<br><br>**MDEQ <u>Storm Water Employee Training</u>**<br>This session explains the importance of preventing contamination from storm water runoff and ways employees can be involved at your facility. This session is designed to meet the permit requirements for employee training. (Approx 17 minutes) |
| **Training completed:** | | | |

| **Training Topic Area** | **Employee Group to Receive Training** | **Training Frequency** | **Potential Training Type** |
|---|---|---|---|
| Disposal of O&M waste | DPW, Parks & Cemetery Employees | As necessary | **Regulatory Requirements for Waste Disposal – Live Presentation**<br><br>**On the job training and education as need arises** |
| **Training completed:** | | | |
| Water quality protection in flood control projects (detention basins, dams) | DPW Director | As available | **Retrofitting Detention Ponds for Water Quality – Live Presentation** |
| **Training completed:** | | | |
| Controls to reduce discharge of pesticides, herbicides, and fertilizers | Awarded contractors are obligated to file training certificates to begin applications | Annual | **LGRW_LandscapingContractorTrainingBrochure_2011-08-01.pub** |
| **Training completed:** | | | |
| **Other Topics** | | | |
| Construction site stormwater runoff | DPW Employees | Ongoing | **Ground Control - Storm Water Pollution Prevention for Construction Sites - DVD from Excal Visual, LLC**<br>**LGRW_ContractorTrainingBrochure_2011-09-16.pub**<br>**Encouragements – challenges and assignments** |
| **Training completed:** | | | |
| Gravel Road Maintenance | N/A – gravel roads are maintained by OCRC | | **Keep An Eye On It! - Environmental Awareness for Gravel Road Maintenance - DVD from SEMCOG & Road Commission for Oakland County** |

| **Training Topic Area** | **Employee Group to Receive Training** | **Training Frequency** | **Potential Training Type** |
|---|---|---|---|
| **Training completed:** | | | |
| LID | Building Department | Annual | **Reduce Runoff: Slow It Down, Spread It Out, Soak It In - DVD from USEPA**<br>**RiverSmart Homes: Getting Smart about Runoff - DVD from USEPA**<br>**Building Green: A Success Story in Philadelphia - DVD from USEPA**<br>**After the Storm - DVD from USEPA**<br>**BMP Tour of GVSU Campuses – Walking Tour** |
| **Training completed:** | | | |
| IDEP | DPW Employees | Continuous | **WaterPollutionReportForm.doc**<br>**Article_City_Employees.doc**<br><br>**Pass out pamphlets as challenges – create pride of community** |
| **Training completed:** | Rod Weersing | 5-22-2018 | GVMC provided training at the OCWRC |
| General Storm Water Education | Municipal officials | As hired in | **"Back to Basics" Storm Water Training – Live Presentations** |
| **Training completed:** | Rod Weersing | 5-22-2018 | GVMC provided training at the OCWRC |

## Part 2E - Post Construction Controls Activities

# August 1, 2017 to July 31, 2018

Georgetown Township has a Storm Water Ordinance, Ord. No. 2002-01, §§ 1.01--9.01, Chapter 48 as amended, revised 3-1-06, that controls stormwater in areas of new development and significant redevelopment. It includes various levels of control depending on zones established based on the sensitivity of the receiving waters. The ordinance also ensures that the owners of facilities constructed to meet the stormwater requirements properly operate and maintain the facilities.

The Township requires specific practices for water quality and stream protection as follows:

Sec. 48-43. Stormwater discharge rates and volumes.

The township and/or OCWRC is authorized to establish minimum design standards for stormwater discharge release rates and to require dischargers to implement on-site retention, detention or other methods necessary to control the rate and volume of surface water runoff discharged into the stormwater drainage system, in the following circumstances:

(1) A parcel of land is being developed in a manner that increases the impervious surface area of the parcel; or
(2) The discharge exceeds the OCWRC and/or township's calculated predevelopment discharge characteristics for the subject property, and the OCWRC and/or township determines that the discharge is a violation of the drainage, flooding or soil erosion regulations of this chapter.
(Ord. No. 2002-01, § 3.03, 2-11-02)

As described in Article VIII of the Ordinance, the Township requires Low Impact Development practices through its storm water management standards at sites of new development and significant redevelopment if located in Zone A of the Township.

The Storm Water Ordinance includes regulations that adhere to the Floodplain Ordinance and the Soil Erosion and Sedimentation Control program of the Township.

Storm water retention/detention issues and all inspection maintenance issues are complaint driven. When issues are brought to our attention they are referred to the Public Works Department. At that time they are visited and categorized depending on who has possession or jurisdiction over the said area.

- Ottawa County Water Resources Commissioner - Call Water Resources Commissioner with issue
- Ottawa County Road Commission - Call Road commission with issue
- Private Ownership - Call owner with issue and corrective measures to pursue. If not completed in timely manner Township will make corrections and charge to owner or place on tax rolls. Issues are almost always corrected under Code Enforcement if not under storm water ordinance.
- Georgetown Charter Township property - Corrective measures taken

**Explain the enforcement activities of your comprehensive storm water management program for post-construction controls completed during this reporting period:**

**How many developments were approved with storm water controls according to PCC?**

There were 31 developments approved plans with storm water controls for the reporting year.

**Have any long-term operation and maintenance agreements been signed?**

There were 19 long term Stormwater Operation and Maintenance Agreements signed.

**How many inspections or enforcement/compliance of O&M agreements were conducted?**

**Explain how the Post Construction Controls have addressed other issues, such as protecting sensitive areas, directing growth to identified areas, encouraging infill development in higher density urban areas and areas with existing infrastructure, and/or maintaining or increase open spaces.**

# Part 3 - PEP

### Regional PEP

The updated Public Education Plan (PEP) was approved by MDEQ in February 2013. The purpose of the PEP is to promote, publicize, and facilitate education for the purpose of encouraging the public to reduce the discharge of pollutants in stormwater to the maximum extent practicable. This section provides a report of public education activities implemented between August 1, 2017, and July 31, 2018.

### Public Engagement Committee

LGRW Public Engagement Committee was formed in 1999 to begin development and implementation of the PEP. Since that time the committee has met on a regular basis to discuss and plan activities scheduled for implementation in the PEP and the LGR Watershed Management Plan. In addition to MS4 communities, the 2017-2018 Public Engagement Committee consisted of the following community partners:

**Table 3. Non-MS4 Partner Organizations**

| Agency | Representative |
|---|---|
| MDEQ | Amanda St. Amour |
| GVMC – West Michigan Clean Air Coalition | Andrea Faber |
| Ottawa Co. Conservation District | Benjamin Jordan |
| Boy Scouts of America | Bridget Knight |
| GVMC | Eileen Boekestein |
| Trout Unlimited | Jamie Vaughan |
| Groundswell, GVSU | Joanna Allerhand |
| Groundswell, GVSU | Kymberly Pawelka |
| Kent County Resource Recovery | Megan Kretz |
| MDEQ | Michelle Storey |
| WMEAC | Jessica VanderArk |
| WMEAC | Kyle Hart |
| GVMC/GVSU | Carlos Calderon |
| The Right Place | Rick Chapla |
| GVMC | Rachel Frantz |
| Grand Rapids Public Museum | Stephanie Ogren |
| Grand Rapids Public Museum | Erin Koren |
| GVMC | Wendy Ogilvie |
| Kent County Health Department | Brendan Earl |
| Kent Conservation District | Jessie Schulte |
| Citizen Labs | Allen Clark |
| GVMC | Cara Decker |

During this reporting period, the Committee reorganized to set priority topics and create a functional meeting schedule. Instead of holding meetings once every two months, the committee meets in January, February and May. During the summer months, meetings are not held because communities are busy attending and hosting outreach events. The group reconvenes in September to review their summer activities, and begin to plan for the next year. Meetings are then held in October and November. Goals for each meeting are as follows:

January: Distribute PEP materials and discuss distribution

February: Pick up orders, Plan for the year's events

May: Ongoing business, Committee updates

September: Review event year, Ongoing business

October: Ongoing business, Discuss changes for next year

November: Finalize orders for next year

During the October Committee meeting, the group chooses which PEP topics to focus on for the next year. Information regarding all topics covered in the PEP may be discussed and promoted by communities throughout the year, as described in detail in the remainder of this section of the report. The committee decided that if more energy is focused on a few key topics each year, then education regarding those specific topics can be thoroughly explored. Educational materials and give-aways are then designed around the key topics. While each year focuses on a particular set of topics, all six education categories will still be addressed in detail at least once during each reporting period.

Additional information regarding the Public Education Committee is available at: https://www.lgrow.org/ms4information. Materials, training opportunities, and other resources are available via this webpage.

**PEP Implementation**

This section describes the public education activities implemented by the Permittees from August 1, 2017 through July 31, 2018. The following report describes activities which meet the requirements of the 2013 approved PEP. Target audiences, messages, and delivery mechanisms are described for each Public Education Topic.

Public Education Topic 1 - Personal Watershed Stewardship

*PEP Objective 1*: Educate the public about their responsibility and stewardship in their watershed.

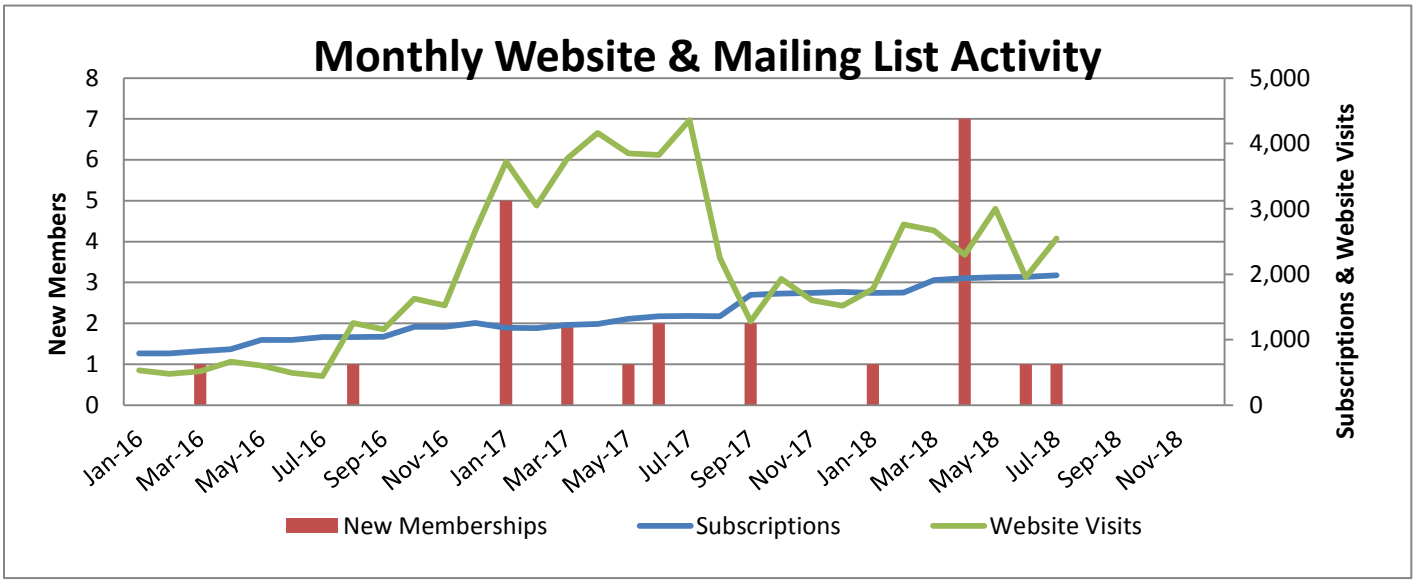
*Target Audience*: Residents, visitors, and public employees

*Content of Message*: 1) A watershed is an area of land draining to a common point. You live in the LGRW, you impact the watershed. 2) Learn more about the LGROW by visiting LGROW.org. 3) Reasons for protecting the watershed. 4) Ways individual can affect the watershed through their activities.

*Delivery Method:*

- Permittees' websites link to LGROW's website, www.lgrow.org. The watershed website provides information on non-point source (NPS) pollution, local watershed issues, water science education, and watershed management. A major website update was launched at the beginning of the 2017-2018 reporting period and was accessed by an average of 758 unique visitors each month. The website logged 9,090 unique visitors over the entire reporting period.
- LGROW also sends out a seasonal email newsletter with information about the watershed, upcoming educational events, and stormwater educational articles. Newsletter subscriptions and website traffic by month are displayed in Figure 3.

**Figure 3. Page Visits to LGROW.org by Month**



- LGROW worked to promote participation through its Facebook page with a regular posting schedule including watershed project highlights, upcoming events, and volunteer opportunities. Throughout the reporting period, LGROW Facebook posts have reached 107,622 people. As of the end of the reporting period, the Facebook page reached 935 Likes (this number has increased from the last reporting period). Facebook user engagement has shown consistent growth over the reporting period with the average number of Likes, Shares, and Comments. LGROW promoted its Facebook page three times during the reporting period using paid promotions, which increased its audience significantly. Facebook activity is displayed by month in Figure 4.

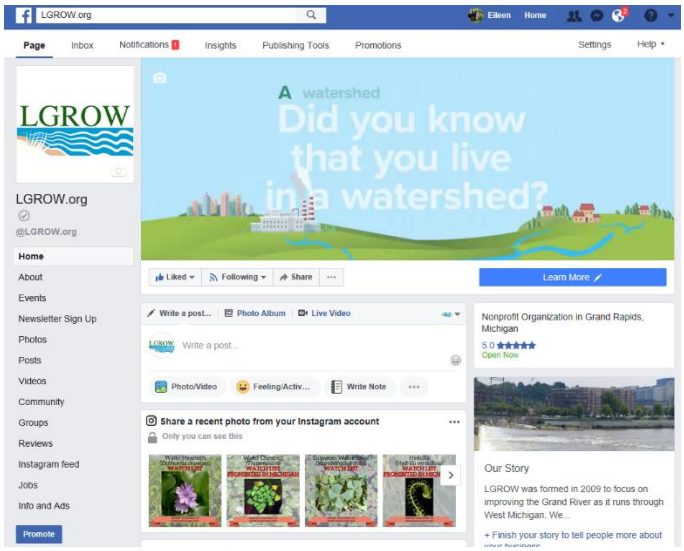
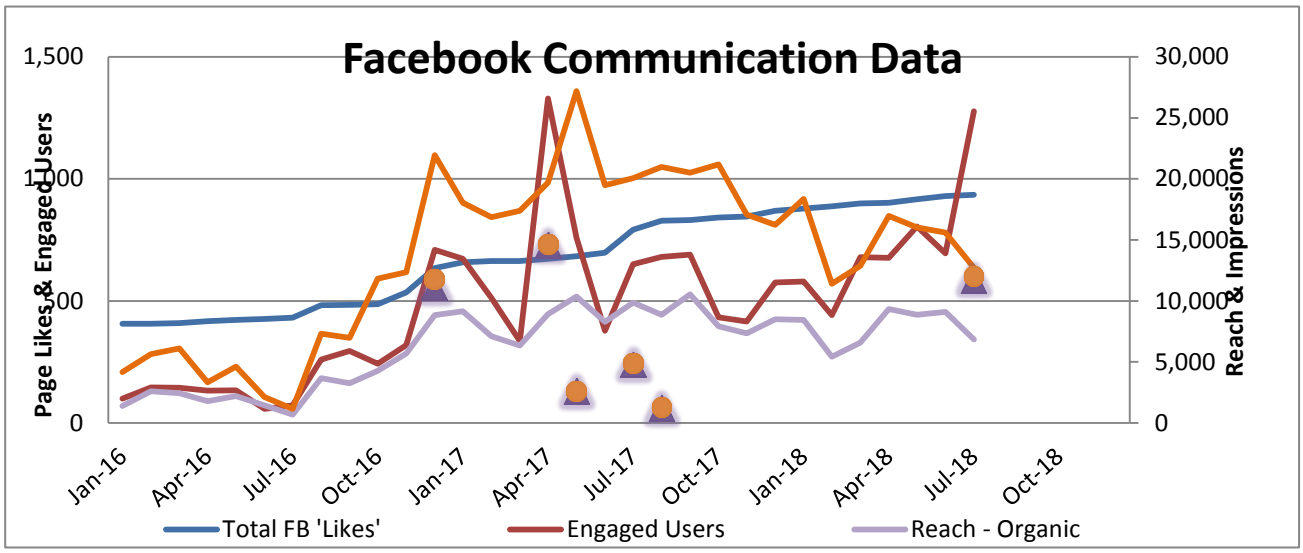



**Figure 4 Facebook Communication Data by Month**




- Permittees distributed LGROW, stormwater, and watershed education materials listed below to residents in the LGRW at multiple events, and venues. Materials were distributed according to

the type of event and the target audiences in attendance. Listed below are the number and type of educational materials ordered by permittees to distribute throughout the reporting period:

- 2000 LGROW Lip Balms
- 1500 "Report Illicit Discharge" fridge magnets
- 1000 Rainbow Trout "Only rain in the drain" stress balls
- 1500 "Keep your Lakes Great and your River Grand" dry bags
- 700 "Keep your Lakes Great and your River Grand" magic scarves
- 1200 "Report Illicit Discharge" coasters
- 500 Car Wash pledges and shammies
- 500 Pet Waste pledges and dispensers
- 1000 Paint by number Watershed Maps

Other public education materials ordered during previous permit cycles were also distributed by permittees, including:

- Keep Your Lakes Great and Your Rivers Grand Magnets
- Keep Your Lakes Great and Your Rivers Grand vinyl stickers
- Watershed Temporary Tattoos
- Troutie Coloring Books
- Reusable Water Bottles
- Reusable Tote Bags
- LGROW Brochures
- Landscaping for Water Quality booklets
- LGROW Gardening Gloves
- LGROW Pens
- LGROW Custom Baseballs

- Many Permittees displayed lamppost banners when first purchased in 2012 to advertise the presence of the Grand River, Rogue River, and Plaster Creek Watersheds. The banners featured the LGROW logo and the message "Yours to Protect." In early 2018, 4 communities ordered additional banners for display, including new banners for Buck Creek and the Thornapple River.


Banners on display in Spring Lake

- Through cooperation of staff in permitted MS4 communities, Public Engagement Committee participants, GVMC staff, and other members of LGROW, about 50 events around the watershed had representation from the Lower Grand River. Event participation by community is detailed in Table 4. Community-specific event activities are detailed in each Permittees' PEP questionnaire. Events attended by more than one MS4, or that were coordinated through LGROW, are discussed in the section following Table 4, and in the Delivery Method section of corresponding objectives.

**Table 4 LGROW and MS4 Participant Events**

| MS4 Community | Event/ Activity | Date |
|---|---|---|
| Cascade Charter Township | LGROW Spring Forum Host | 5/11/2018 |
| Ferrysburg, City of | LGROW Focus Group | 12/18/2017 |
| Forest Hills Public Schools | Classroom Programming through Groundswell | Ongoing |
| Georgetown Charter Township | Jenison Public Schools Collaboration | Ongoing |
| | Ottawa County Water Quality Forum | 11/30/2017 |
| Grand Haven, City of | Earth Day Festival | 4/21/2018 |
| | LGROW Focus Group | 12/18/2017 |
| | Robinson Elementary | 3/21/2018 |
| | Coast Guard Festival | 7/28 - 8/5/2017 |
| | Salmon Festival | 9/16/2017 |
| Grand Rapids, City of | Home Show | 3/1-4/2018 |
| | Mayors Grand River Cleanup | 9/9/2017 |
| | Ottawa County Water Quality Forum | 11/30/2017 |
| | Grand River Water Festival | 6/23/2018 |
| | Dia del Nino | 4/28/2018 |
| | Canoemobile | 5/7-5/11/2018 |
| | Presentation to Museum School | 10/11/2017 |
| | Water Resource Recovery Facility Tours | Ongoing |
| | Rainbarrel Workshop | 7/29/2018 |
| | WhiteCaps Game | 7/26/2018 |
| | Grand River Spring Forum | 5/11/2018 |
| Grand Rapids Charter Township | Partner with FHPS | Ongoing |
| Grandville, City of | Buck Creek Cleanup | 8/5/2017 |
| | Mayors Grand River Cleanup | 9/9/2017 |
| | Michigan Week Community Event | 5/16/2018 |
| Hudsonville, City of | Ottawa County Water Quality Forum | 11/30/2017 |
| Kent County Drain Commissioner | Grand River Spring Forum | 5/11/2018 |
| Kent County Road Commission | Facility Tours | Ongoing |
| Kentwood, City of | Touch A Truck/DPW Behind the Scenes (with Kent Co DPW) | 5/16/2018 |
| | Buck Creek Cleanup | 8/5/2017 |
| | LGROW Focus Group | 12/18/2017 |
| | Grand River Spring Forum | 5/11/2018 |

**Table 4 LGROW and MS4 Participant Events**

| MS4 Community | Event/ Activity | Date |
|---|---|---|
| Ottawa County Administration and Water Resources Commissioner | Ottawa County Water Quality Forum | 11/30/2017 |
| | Grand River Spring Forum | 5/11/2018 |
| Ottawa County Road Commission | Partner with Georgetown Township & Jenison Public Schools | Ongoing |
| Plainfield Charter Township | Grand River Spring Forum | 5/11/2018 |
| Sparta, Village of | Nash Creek Cleanup-Planting | 4/18//2018 |
| | Village Hazardous Waste Collection | 4/19/2018 |
| | Partnership with Sparta Schools | Ongoing |
| Spring Lake, Village of | Mill Point Park River Cleanup | 5/12/2018 |
| | LGROW Focus Group | 12/18/2017 |
| Walker, City of | Grand River Spring Forum | 5/11/2018 |
| | Indian Mill Creek Cleanup | 6/2/2018 |
| | KDL Reading Carnival | 6/12/2018 |
| Wyoming, City of | Buck Creek Cleanup | 8/5/2017 |
| | Partnership with Godwin and Wyoming Schools | Ongoing |
| | City Cleanup | 4/21/2018 |
| | Facility Tours | Ongoing |
| | Grand River Spring Forum | 5/11/2018 |


- The Quiet Water Symposium promotes non-motorized outdoor recreation and a shared concern for our Great Lakes environment. The 23rd Annual Symposium was held on March 3rd, 2018. LGROW hosted a booth with several watershed displays and distributed information and giveaways focused on watershed awareness and the development of a Water Trail throughout the Grand River. Although this event takes place outside the LGRW, many of the attendees travel through the Lower Grand during their excursions. The Symposium also presents a valuable opportunity to partner with our upstream watershed, the Middle Grand River

Organization of Watersheds (MGROW), who is actively involved in public outreach through their own MS4 program.

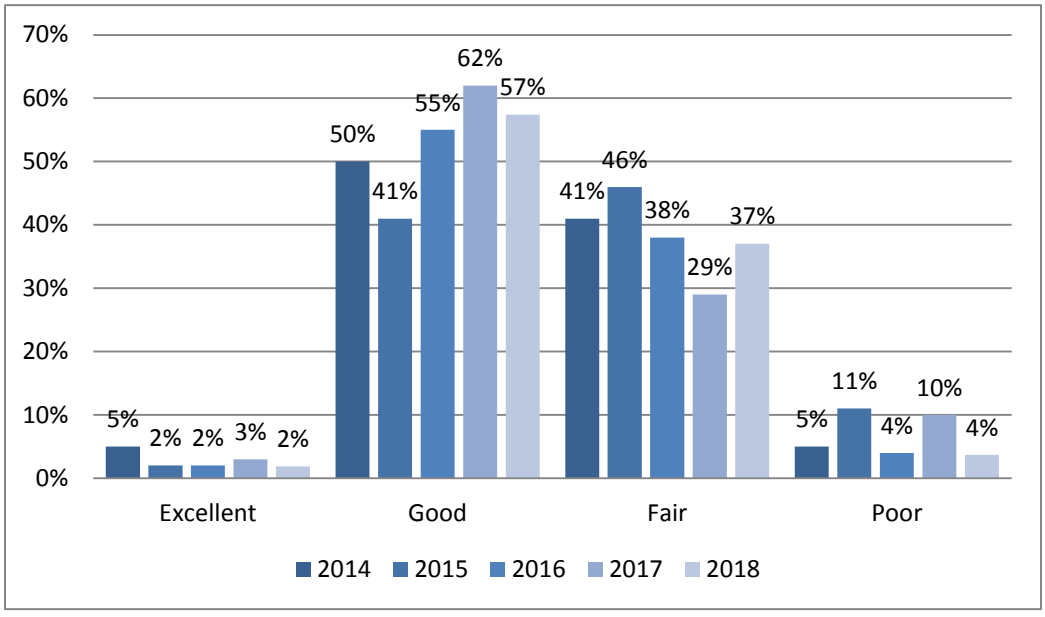
- LGROW hosted a table at the Blandford Nature Center Earth Day event on April 21, 2018. This was a public event designed to connect residents of the Grand Rapids metro area with their local community conservation resources, information on new and upcoming projects, and highlight volunteer opportunities to get involved. LGROW hosted a table with information on the watershed, the LGROW Rainscaping program pilot in Indian Mill Creek Watershed, and stormwater educational materials focusing on pet waste and car wash pledges.


- The 15th Annual Grand River Forum on May 11, 2018, was put on by LGROW at the Wisner Center in Cascade Township. The event offered 111 attendees a regional perspective on emerging issues and accomplishments from around the Watershed. This year's keynote speaker, Al Steinman, from GVSU's Annis Water Resources Institute, spoke about Integrated Water Management. Next, Scott Conners (City of Walker Engineer and LGROW Board Chair) moderated a Panel Discussion that focused on the new post-construction control stormwater requirements. Panelists included Carrie Rivette, Wastewater/Stormwater Superintendent of the City of Grand Rapids, Teresa Siedel, Director of the Water Resources Division of MDEQ, and Jeff Gritter, Project Manager at Vriesman and Korhorn Civil Engineers. The LGROW Chair, who was previously Scott Conners from the City of Walker, changed hands to Carrie Rivette from the City of Grand Rapids. This change was commemorated with a 'Passing of the Paddle' ceremony.

The remainder of the forum focused on emerging watershed issues. Presentations were given by Jessie Schulte (Kent County Conservation District) and Rob Petit (ECT) on the Regional Conservation Partnership Program; Brenda Perry (Facilitator, Kent Innovation High School), Joe Phillips (Design Lab Instructor, Kent Career Tech Center) and their students on place-based environmental education curriculum they used in their classrooms; Wes Landon (Native Edge, LLC.) and Julie Parks (Executive Director of Workforce Training, Grand Rapids Community College) on the Rainscaping Program; Natalie Henley (West Michigan Environmental Action Council) on the Grand River Water Trail; LGROW Committee Chairs gave updates for each committee; and LGROW Staff discussed the pre-forum survey results.

Each forum participant completed surveys after both registering and attending the event. A selection of the questions from each survey is asked annually to determine if there is a measurable change in people's attitudes toward and perception of the river. Figure 5 shows an increase in respondents identifying water quality in the Grand River as "Fair" rather than "Poor" from 2017 to 2018.

**Figure 4. 2017 Survey Results: How would you rate the water quality in the Grand River?**



- LGROW sponsored the Grand River Water Festival on June 23, 2018, at Riverside Park, which was attended by approximately 3,000 people. The festival is a free-of-charge, day-long, music driven, environmental festival featuring traditional folk, country, bluegrass, Cajun, blues, and world beat music performed by Michigan musicians. Visitors to the LGROW booth identified their location in the watershed by referencing maps, and Major Runoff, the Stormwater Mascot, engaged with children and adults. Volunteers at the LGROW booth helped children of all ages create paintings of nature scenes using native soils to the watershed, similar to artists who create field drawings using natural materials they find in the environment. The LGROW booth's educational materials focused on how homeowners can reduce stormwater runoff from their properties by installing green infrastructure practices through the LGROW Rainscaping program.

- LGROW hosted a concourse table at a WhiteCaps game on Thursday, June 26, 2018. GVMC staff and volunteers from the City of Grand Rapids (a MS4 permitted community) helped run a booth. Volunteers handed out LGROW baseballs, LGROW brochures, Pet Waste Pledges with pet waste bag dispensers, and Car Wash Pledges with shammies. Volunteers discussed the importance of watershed protection with attendees of the game.


- LGROW worked with students from schools throughout the watershed to educate about the connections between land use and water quality. LGROW led activities for 465 students from the City of Grand Rapids and Plainfield Township focused on macroinvertebrate sampling and runoff vs. infiltration at the annual Canoemobile event at Riverside Park in Grand Rapids. LGROW also worked directly with Jenison Public Schools and Forest Hills Public Schools to teach 99 students at Bauerwood

Elementary and 90 at Northern Trails 5/6 about the Grand River Watershed and the ultimate discharge location of stormwater systems, as well as personal actions that can protect water quality. These activities resulted in students marking 50 catch basins on Northern Trails' campus and 100 catch basins in the neighborhood surrounding Bauerwood. LGROW also assisted schools with their existing educational activities surrounding watersheds and nonpoint source pollution. LGROW led an activity connecting land use and habitat with macroinvertebrates and water quality at a Water Field Day for 525 students in Godfrey Lee schools in Wyoming, helped 25 students stencil 9 catch basins and complete rain garden/riparian maintenance near Buck Creek in Grandville, and assisted a teacher at Pinewood Elementary in Kentwood Public Schools with her annual Buck Creek education day for 120 students. Additionally, 40 students from Kenowa Hills High School participated in the spring Indian Mill Creek Cleanup. LGROW also participates as a member of the Groundswell advisory council, which supports schools in the Lower Grand River Watershed as they implement place-based education and stewardship projects in the watershed. Groundswell reaches approximately 500 students annually through its programs focused on the Lower Grand River Watershed, including supporting projects at 3 schools in the nested jurisdiction of Kentwood Public Schools and at 5 schools in the permitted district of Forest Hills Public Schools.

Students marking catch basins at Northern Trails 5/6 in Forest Hills

- The 'Find My Watershed Tool' was improved during this reporting period and can be accessed via LGROW's homepage, or at: https://www.google.com/maps/d/u/0/viewer?mid=1WuQZRA612p4X1t_9i4qNYlP_830_ZIi-&ll=42.99923233465322%2C-85.46882900000003&z=9 . An advertisement was created through National CineMedia, LLC regarding this tool. The 30-second advertisement is also available for viewing on LGROW's website. The advertisement ran for 8 weeks as a digital media campaign, targeted online to people who were in the Lower Grand River Watershed. About 79% of people that the advertisement was delivered to watched the entire commercial. Industry average is around 60%. The commercial was shown 120,419 times.


Fall Seasonal Tips Flier

➢ Seasonal Watershed 'Tip' fliers were distributed to communities. These fliers focused on positive actions that Department of Public Works employees and citizens alike could take to improve the water quality in the watershed. Tips focused on different actions that were relevant to that respective season.

<u>Public Education Topic 2 - Ultimate Stormwater Discharge Location and Potential Impacts</u>

*PEP Objective 2:* Education on the location of residential stormwater system catch basins, where the system discharges, and impacts from pollutants.


Storm drain markers

*Target Audience*: Landscapers/lawn care companies, auto repair shops, commercial power washers, carpet/floor cleaning companies, commercial operations, industries, residents, and local businesses

*Content of Message*: 1) Storm drains connect to your local lakes and streams, not a water treatment plant. 2) Prevent pollution from entering your storm drains and protect the health of your family, your community, and the Grand River. 3) Education on the impacts of stormwater pollutants. 4) Education on the stormwater system and receiving water bodies in a person's or company's neighborhood.

This topic was chosen as one of two key topics by the Public Education Committee to focus on during this reporting period.

*Delivery Method:*

- Permittees installed the plastic storm drain markers designed by the Public Engagement Committee. The drain markers carry the messages "Keep your Lakes Great and your Rivers Grand." Some Permittees also engaged with community partners to do storm drain stenciling events which are detailed in the PEP Questionnaire. This image was also used on several giveaways including vinyl stickers and magnets. In total, 150 drain markers were installed and 9 storm drains stenciled with the message "No Dumping: Drains to Waterway" in the watershed.

- Permittees utilized a variety of stormwater displays including the drop toss game, the watershed pushpin map, the LGROW banners on non-point source pollution, Car Wash and Pet Waste Pledge posters, and the "Grand River Yours To Protect" informational poster board at a variety of events and locations throughout the Watershed. The PEP Questionnaire included in this report details when and where these displays were used by individual Permittees.

- An advertisement explaining that storm drains lead directly to rivers, lakes and streams was printed on the back of all household hazardous waste collection flyers printed for Kent County MS4 communities.

- Troutie Stress Balls were provided for communities to distribute. The fish shaped stress balls had the message: 'Only rain in the drain, it leads directly to my home!' This give-away allowed people to easily make the connection between storm drains and water quality as it relates to aquatic habitat.


Household Hazardous Waste flyer advertisement

Public Education Topic 3 - Public Reporting of Illicit Discharges

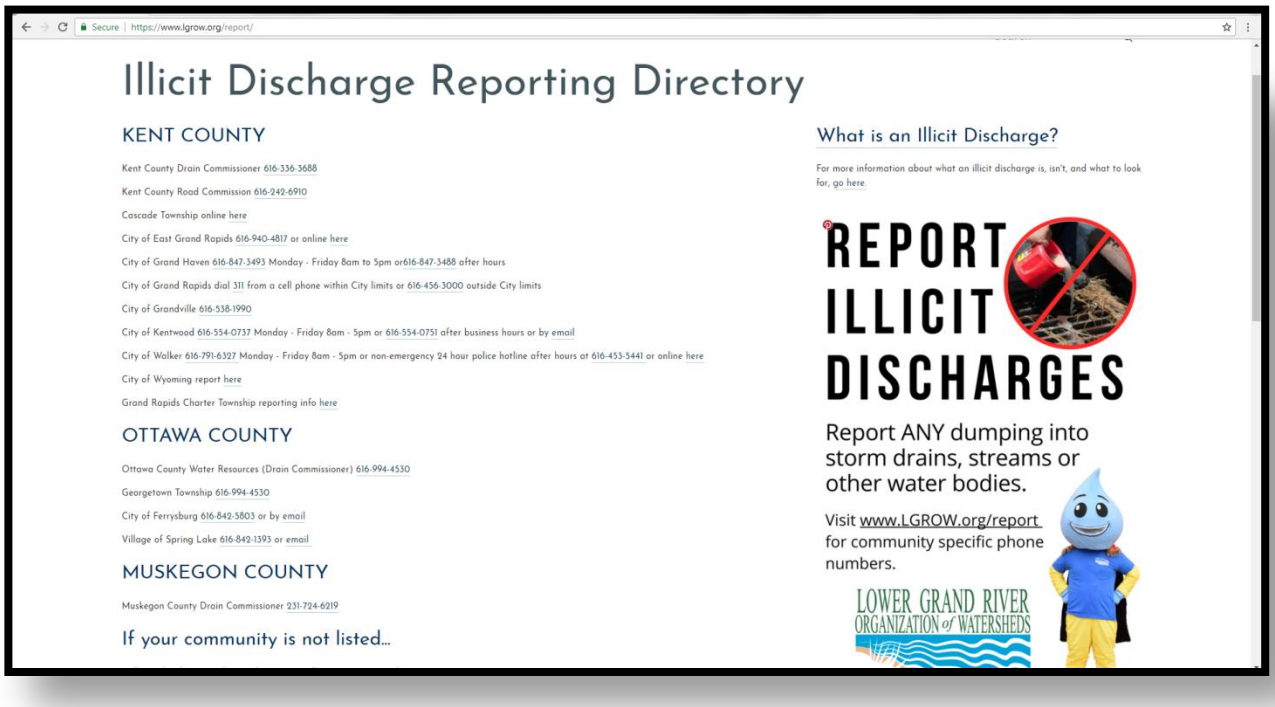
*PEP Objective 3:* Encourage public reporting of the presence of illicit discharges or improper disposal into the stormwater system.

*Target Audience:* Residents, public employees, businesses, construction activities, industries, and septic system owners/haulers.

*Content of Message*: 1) How to identify illicit discharges. 2) How to report illicit discharges. 3) Water quality impacts from illicit discharges. 4) Consequences/penalties associated with illicit discharges and improper waste disposal. 5) Proper septic system care and maintenance. 6) How to recognize system failure. 7) Impacts failing systems have on water quality. 8) Where to go for assistance.

The Public Reporting of Illicit Discharges was selected by the Public Education Committee as one of two key topics to focus on for this reporting period. It was important that communities focused on this topic because IDEP outfall screening occurred for many municipalities in the watershed during the summer of 2018.

*Delivery Method*:




- A reporting website for MS4 communities across the Lower Grand River Watershed was created in order to offer a Reporting Directory for DPW employees or citizens seeking information about how to report illicit discharges. This website can be found at: https://www.lgrow.org/report/. Communities were encouraged to share this information on their municipal webpages, and on social media.

Information was also added to the LGROW website to inform the public about what an illicit discharge is.

- Illicit discharge magnets and coasters were created in conjunction with the reporting website to promote use of the website and to raise awareness for DPW employees and citizens, encouraging them to report illicit discharges.

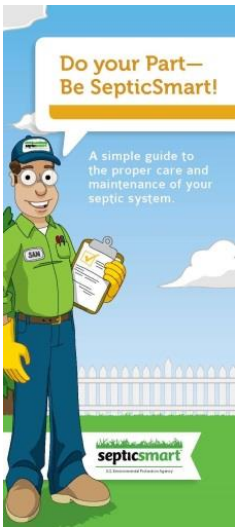
Coasters

- A newsletter article titled, 'Reduce and Report Pollution Entering the Grand River' was published for all MS4s to distribute to their employees or citizens. This article highlighted the reporting webpage, and gave advice on how to reduce stormwater pollution.

- Permittees made information about how to report illicit discharges available to residents and staff through a variety of channels. Some communities promote the Citizens Reporting form developed previously by LGROW, while others use an online reporting form. The method each community used to distribute this information is detailed in PEP Questionnaires.

- Permittees distributed the article *"How you as an Employee Can Help Reduce Pollution Entering the Grand River"* to their employees. This article encourages employees to report stormwater discharges to their community's stormwater coordinator.

- Permittees distributed copies of USEPA's *"Do your Part- Be Septic Smart!"* brochure to their residents. This brochure describes what a septic system is, how it works, and how to maintain it. LGROW participated in SepticSmart week September 18-22, 2017 by publishing a blog post and daily social media posts about proper septic maintenance.




<u>Public Education Topic 4 - Personal Actions that can Impact the Watershed</u>

*PEP Objective 4:* Education on the need to minimize the amount of residential or non-commercial wastes washed into the storm sewer system.

*Target Audience*: Residents, schools, non-profit groups conducting carwash fundraisers, public employees, visitors, recreational users, riparian landowners


*Content of Message*: 1) BMPs for car, pavement, power washing. 2) Preferred cleaning materials and practices, "phosphate free as important as biodegradable". 3) BMPs for pesticide use, fertilizer use and their disposal. 4) BMPs for proper management of grass clippings, leaf litter, and animal wastes. 5) BMPs for residential deicer use. 6) BMPs for native vegetation on residential properties as an alternative to turf grass. 7) Effects of residential wastes on our waterbodies. 8) Education on low impact development techniques.

*Delivery Method*:


- Permittees distributed the brochure "*Make your Household the Solution to Water Pollution*". The Public Engagement Committee contracted with the Hispanic Center of West Michigan to produce a Spanish translation of this brochure for communities as well.

- Several communities hosted rain barrel events or rain garden work days as detailed in their PEP Questionnaires.

- Permittees collected pet waste pledges from dog owners in exchange for a free pet waste bag dispenser to hook to the pet's leash. The pledges also provide information on dog parks in the Watershed and discuss the connection between picking up pet waste and protecting stormwater. This brochure was adapted, with permission, from a similar program in Portland, Oregon. In this reporting period, 127 new pet waste pledges were collected from around the watershed.

- Permittees collected car wash pledges from residents in exchange for a free shammy to use for home car washes. The pledge provides the following information about car washes: *There's no problem with washing your car, it just matters how and where you choose to wash it. The average homeowner uses 116 gallons of water to wash a car. If you wash your car in your driveway, all that water, along with the soap, grease, brake dust, oil, and dirt that you wash off your car flows directly into the nearest storm drain. From there, it's just a short trip to the Grand River and eventually Lake Michigan*. In addition, residents keep a portion of the pledge that provides other environmental friendly car care tips. In this reporting period, 52 new car wash pledges were collected from around the watershed.

- LGROW developed a flyer describing proper procedure for draining residential swimming pools in the fall. This was distributed publicly online via www.lgrow.org and made available for customization by MS4 communities. The flyer can be downloaded at https://www.lgrow.org/ms4information.

Public Education Topic 5 - Waste Management Assistance

*PEP Objective 5:* Education on proper disposal of household hazard waste (HHW), travel trailer/boating sanitary wastes, chemicals, motor vehicle fluids, and unused medications.

*Target Audience*: Residents, visitors, and public employees

*Content of Message*: 1) Protect your family's health: dispose of unwanted paints, solvents, and cleaners at your county collection center. 2) Recycle used oil and automotive fluids. Just one gallon of used motor oil dumped down a catch basin can contaminate one million gallons of your drinking water. 3) Education on types of HHW and available alternatives. 4) Education on disposal locations of HHW, travel trailer/boating sanitary wasters, chemicals, motor vehicle fluids and unused medications.

*Delivery Method*:

- Permittees and LGROW.org shared the newsletter articles *"How You Can Help Reduce Pollution Entering the Grand River"* and *"What Can You Do to Help Protect Your Watershed?"* These articles explain the watershed concept and encourage residents to dispose of pet waste, paints, motor oil, etc., in the appropriate locations, not in the storm drains.

- Permittees distributed the flyer "*Make Your Household the Solution to Stormwater Pollution"* in both English and Spanish, which also details the importance of proper disposal of household hazardous waste.

- Both Kent and Ottawa County communities distributed household hazardous waste flyers at events and provided information on recycling household hazardous waste via the phone and websites. Many permittees also opted to distribute these materials at their respective community events. Kent County's expanded household hazardous waste collection hours to allowed more Kent County residents to take advantage of this service.

- Many communities hosted clean up days to encourage proper disposal of unwanted materials. Details of these events, as applicable, are provided in individual PEP Questionnaires and Part 7.

Public Education Topics 6 - Management of Riparian Lands

*PEP Objective 6:* Education concerning management of riparian lands to protect water quality.

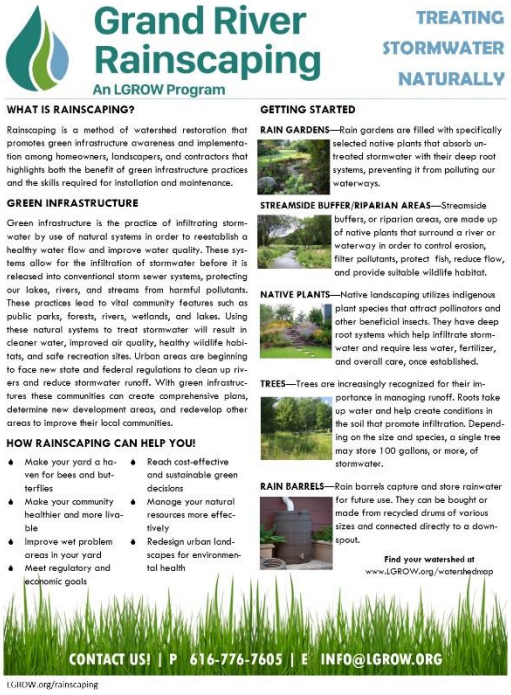
*Target Audience*: Riparian landowners, construction activities, landscapers

*Content of Message*: 1) Importance of riparian corridors/stream buffers. 2) How to landscape for better water quality. 3) Education on shoreline stabilization techniques, stream buggers, filter strips, conservation easements, and bioengineering techniques.

*Delivery Method*:

- Permittees distributed the brochure "*What Every Landscaper Should Know*, to their subcontractors and facilities staff. These brochures detail BMPs for fertilizer and pesticide application, lawn care, and native plantings.

- LGROW launched and promoted its Grand River Rainscaping: Treating Stormwater Naturally program. This program aims to promote installation of green infrastructure and native landscaping practices to reduce stormwater runoff from residential properties and improve water quality. Residential site assessments were performed on 28 properties, 19 of which were in MS4 communities, and a 600 square foot demonstration rain garden was installed at West Catholic High School. Residents who have a site assessment completed receive a customized report of what green infrastructure practices are best suited to their site as well as resources for implementing those practices. The Rainscaping program is aimed at both shoreline and non-shoreline properties.

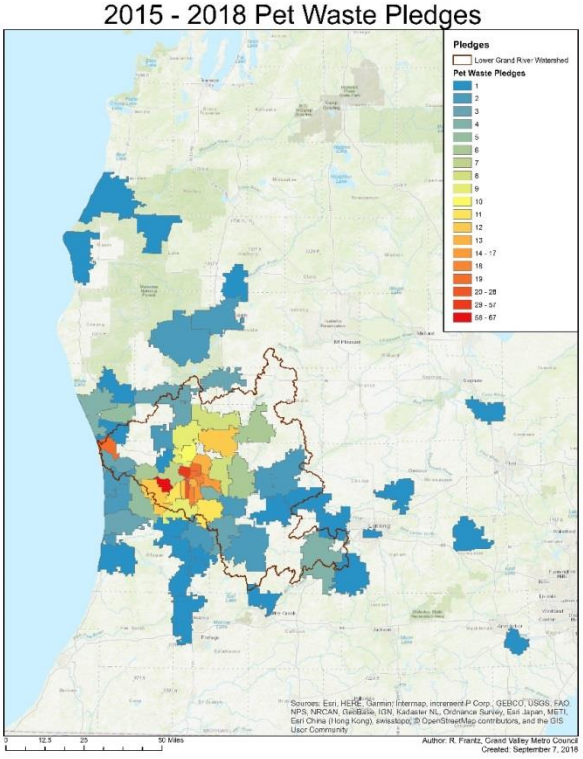


**Evaluation Measures**

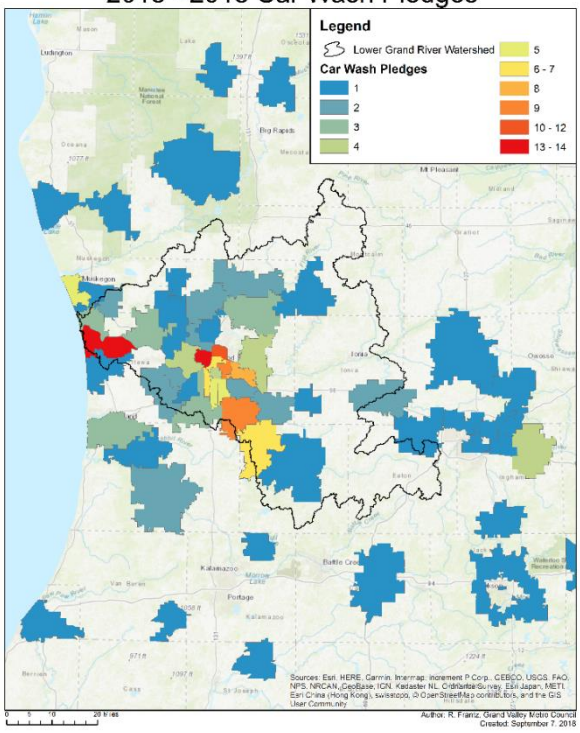
This section includes a description of the quantitative and qualitative evaluation measures of PEP effectiveness implemented between August 1, 2017, and July 31, 2018. During this reporting period, LGROW also contracted with Petersen Research Consultants, LLC to create updated robust evaluation measures for the PEP. An updated evaluation plan will be completed during the next permit cycle as part of LGROW's ongoing PEP update process.

During this permit cycle, permittees completed PEP Questionnaires to provide a quantitative and qualitative evaluation of their individual stormwater education efforts. In total, materials were distributed at over 50 events (Table 4) and at various locations throughout the watershed. The car wash and pet waste pledges represent more than an educational outreach effort; these are a commitment to a behavioral change which has an important impact on water quality. The majority of responses for both pledges were from residents within the watershed. This program was very popular, with a total of 551 pet waste and 211 car wash pledges collected since the start of the 2015-16 reporting period to the end of the 2017-2018 reporting period. Of those totals, 127 pet waste and 52 car wash pledges were collected during the 2017-2018 reporting period from across the watershed.

2015 - 2018 Pet Waste Pledges




2015 - 2018 Car Wash Pledges



**2017 Public Education Focus Group**

A focus group was held on December 18, 2017 at the offices of GVMC with the purpose to determine changes in the awareness, education, and behavior of the public as a result of stormwater education efforts. The last focus group held to evaluate the PEP was in 2009 at Fishbeck, Thompson, Carr & Huber (FTC&H) in Grand Rapids to determine changes in the awareness, education, and behavior of the public as a result of stormwater education efforts in 2008 and 2009.

The 2017 focus group was held with the purpose to determine changes in the awareness, education, and behavior of the public as a result of stormwater education efforts since 2009. Using the information provided from the focus group, the PEP for the LGRW communities can be edited in the future to better serve the public. The challenges, successes, and recommendations communicated in this report will be evaluated to modify the PEP as needed. The updated PEP will result in a more effective public outreach campaign to reduce stormwater pollution and raise MS4 awareness during the next permit cycle.

Focus group participants were nominated by local units of government that maintain MS4 permits. Each participating local unit of government was asked to submit two potential participants that meet the following criteria:

1. The nominees must live in Kent or Ottawa Counties, specifically in the Lower Grand River Watershed, preferably in the community they are representing
2. The individuals do not manage or have direct involvement with your community's MS4 Permit
3. The nominees have had the potential to encounter LGROW deliverables (examples: events, educational outreach, brochures or fliers, LGROW website or Facebook page)

GVMC staff administered the 1.5 hour long focus group session on December 18, 2017. Twelve invited individuals were present, representing Kent and Ottawa Counties. Eleven of the 23 municipalities that

GVMC works with regarding MS4 permits were represented. There was a diverse demographic represented among the group.

Discussion began with introductions of everyone present and an ice breaker question. The conversation followed six dialogue questions led by GVMC. The dialogue questions were as follows:

| 2017 LGROW Focus Group Dialogue Questions |
|---|
| 1. What do you know about LGROW? |
| 2. What LGROW information have you seen, heard, or read? |
| 3. Did the message (that you have seen, heard, or read) influence you? If so, how? |
| 4. Have you seen any stormwater or pollution prevention messaging at your workplace? Who was the message from? (LGROW, employer, other org.) |
| 5. How could LGROW project deliverables be improved? |
| 6. Where and how do you get information on community activities? |

This focus group ended up being a very educational experience for its participants while providing valuable feedback on LGROW outreach activities. The mixed demographic of participants and the number of MS4 communities participating provided a fairly diverse view of LGROW's reach into the watershed, and participants shared many ideas to improve LGROW messaging.

Key take-aways for LGROW from the focus group are summarized in the following table:

| How LGROW messages can be improved | |
|---|---|
| New Target Audiences | • *Municipal employees*<br>• *Adults through schoolchildren*<br>• *People living in apartment complexes*<br>• *LEED certified building owners*<br>• *Farmers* |
| Reworking Messages | • *Translating materials in to the language of the neighborhood*<br>• *Address 'why' citizens need to know the message presented*<br>• *Simplify messages* |
| Delivery Mechanisms | • *Placement of watershed information (placement of 'Entering the Watershed' signs, more signs for GI)*<br>• *Tours of municipalities and events at breweries*<br>• *Word of mouth* |

| | |
|---|---|
| | • *Presence at festivals*<br>• *Advertising in churches in the watershed* |

The full 2017 Focus Group Report is attached to this Progress Report. Please reference it for further details.

# 2018 Stormwater Public Education Plan (PEP) Questionnaire

**Reporting period of August 1, 2017 to July 31, 2018**

Please complete this questionnaire to provide an evaluation of the stormwater education activities you have implemented between **August 1, 2017 and July 31, 2018**. GVMC will include this information, along with watershed-wide measures of effectiveness, in your 2017 Progress Report to MDEQ. **Please return this form to GVMC by September 7, 2018.**

**Community Name: Georgetown Township**

**Brochures, Flyers, and Giveaways:**

1. Which of the following general stormwater awareness/LGROW materials (brochure, flyers, giveaways) did you order/distribute from GVMC this year:

☒ LGROW Brochures
☐ Grand River Infographic
☐ "Make your home the Solution to Stormwater Pollution" brochure
☒ "Do your part – be SepticSmart! brochure
☐ Household hazardous waste disposal guidelines from Kent County DPW
☐ Seasonal Tip Sheets (Fall, Winter, Spring, Summer)
☐ LGROW Water Bottles
☒ LGROW Chapstick
☒ "Keep your Lakes Great and your River Grand" dry bags
☒ LGROW "magic scarf"
☐ LGROW Totebags
☐ "Keep your lakes Great and your River Grand" sticker
☐ Troutie coloring book
☐ Paint by number watershed map
☐ Watershed hand stamp
☒ "Report Illicit Discharges" magnet
☐ Trout stress ball with "Only rain in the drain – it leads directly to my home"
☐ Report Illicit Discharges beverage coaster
☐ Other:

2. Have you given away all the materials (brochures, flyers, giveaways) you ordered from GVMC this year?
   ☒ Yes ☐ No

3. Where did you distribute your materials?
   ☒ Government office ☐ Library ☐ Community event ☐ Other

4. Approximately how many people did you interact with during distribution of materials? >50

5. What was the most popular giveaway from the materials distributed in your community?

6. What topics are of greatest interest to members of your community?

☒ How to report stormwater pollution
☐ Stormwater discharge locations/impacts
☐ Native vegetation/rain gardens/riparian buffers
☐ Proper vehicle care/motor oil disposal
☒ Proper use of pesticides/fertilizers/herbicides
☐ Proper yard waste disposal
☐ Proper septic system maintenance
☐ Household hazardous waste management

**Illicit Discharge Reporting**

7. Did you distribute illicit discharge reporting materials to your residents?

☐ Hard copies of "Citizens Reporting Brochures" from the IDEP – Number distributed:
☐ Link to LGROW's reporting page posted to your website https://www.lgrow.org/report/
☒ Report Illicit Discharge magnets – Number distributed: 100

Please describe any interest, comments, or discussion generated from the brochure, magnet or website https://www.lgrow.org/report/:
NA
How many complaints were received from the general public regarding illicit discharges? They are reported to the Ottawa County Water Resources Commission.

**Newsletters, Banners, and Displays**

8. Did you order and display new lamppost banners during this permit cycle?
   ☐ Ordered and displayed new lamppost banners at (streets):
   ☒ Displayed lamppost banners provided in 2009-2013 at (streets): Baldwin St.
   ☐ Did not order or display lamppost banners

9. Did you distribute stormwater focused newsletter articles to your residents? ☐Yes ☒No
   a. Please describe any interest, comments, or discussion generated from the articles
   b. If applicable, list the newsletter name or webpage address used to distribute stormwater information to the public:
   c. If applicable, how many residents received your community newsletter?
   d. If applicable, how many total website hits did you receive for your online newsletter articles or stormwater information website?

10. Did you use any of the following materials or activities at events during the reporting period?

| | | |
|---|---|---|
| Stormwater poster board display | ☐Yes, Date: | ☒No |
| EnviroScape interactive stormwater model | ☐Yes, Date: | ☒No |
| Watershed map with pushpins | ☐Yes, Date: | ☒No |
| Stormwater mural banner and scavenger hunt | ☐Yes, Date: | ☒No |
| Major Runoff stormwater mascot | ☐Yes, Date: | ☒No |
| Interactive Corn Hole Board | ☐Yes, Date: | ☒No |
| Interactive catch basin demos | ☐Yes, Date: | ☒No |

**Events and Pledges**

11. Did you host a seed bomb or native plant workshop? ☐ Yes, on: ☒No

12. Did you distribute any additional educational materials on native plants?
    ☐ Yes (Describe): ☒No

13. Please describe any interest, comments, or discussion generated from native plant workshops or giveaways: N/A

14. Did your community collect pet waste pledges distributed with the public education materials?
    ☐Yes, Number: ☒No

15. Did your community collect car wash pledges distributed with the public education materials?
    ☐Yes, Number: ☒No

    Please describe any interest, comments, or discussion generated from either of the pledges and associated giveaways. NA

16. Did you implement a storm drain awareness activity between August 1, 2017 and July 31, 2018?

☐ Yes: (streets) on (dates)
☐ Yes, we held a storm drain stenciling event on (dates) and stenciled (streets)
☐ Yes, we have approximately (#) pre-marked catch basin backs/grates with the message "No dumping, drains to waterway"
☐ Yes, we hung door knob flyers on (streets) on (dates)

Please describe any interest, comments, or discussion generated from the activities above: NA
Have you noticed a reduction in storm drain dumping? ☐Yes ☐No Describe: NA

17. Please describe any interest, comments, or discussion generated from these materials/activities: NA

18. Did you participate in any community stormwater events? (check all that apply)

☐ Rain barrel workshop Date: Number of Attendees:
☐ Rain garden/Green Infrastructure Workday Date: Number of attendees:
☐ River clean up (location): Date: Number of Attendees:
☒ Ottawa County Water Quality Forum – November 30, 2017
☐ MWEA Watershed & Stormwater Seminar – December 5, 2017
☐ MWEA Watershed Summit – March 28, 2018
☐ Earth Day at Blandford Nature Center – April 21, 2018
☐ 15th Annual Grand River Spring Forum – May 11, 2018
☐ Grand River Water Festival – June 24, 2018
☐ MWEA Annual Conference – June 25-27, 2018
☐ West Michigan WhiteCaps Concourse Table – July 26, 2018
☐ Other: Date: Number of Attendees:

19. Describe any materials distributed, number of attendees, messages used at these events: N/A

20. If applicable, please describe any other stormwater public education activities your community implemented beyond the events described above (This includes education with school groups, other community events, etc.) and submit any relevant documentation.

N/A

# PART 4 - IDEP

**Regional IDEP Activities**

The IDEP for the Lower Grand River Watershed was approved in July of 2013 as meeting requirements of the General Permit Application for Storm Water Discharges from MS4s. The IDEP is intended to prohibit and effectively eliminate illicit discharges to the MS4.

The IDEP is being implemented under a cooperative program administered by the Grand Valley Metropolitan Council (GVMC) and involving the county agencies and municipal units participating in the Watershed Approach. The approved IDEP utilizes an alternative approach which includes the sampling of all storm sewer outfalls to Waters of the State within the urbanized area for the following parameters: surfactants, temperature, ammonia, and pH. Cooperative agreements were signed by participating communities to ensure that any illicit discharges detected would be traced upstream to their point of origin within the approved timeline whether or not they crossed jurisdictional boundaries. Illicit discharges that were identified either by public reporting or staff identification during this reporting period are detailed in each community's IDEP. Descriptions of the other IDEP activities undertaken on an individual basis are included below. IDEP activities include dry-weather screening of discharge points, locating possible sources of contamination, responding to reported incidents, correcting the problems, and preventing new illicit connections.

Dry-weather screening was completed by the Kent County Drain Commissioner during this reporting period for the Drain Commissioner's MS4. Other communities in the watershed began outfall sampling in the summer of 2018, and that work had not been completed at the time this report was written. A full report on IDEP outfall screening will be included in next year's report.

**Community IDEP Activities**

| |
|---|
| Please describe any dry-weather screening conducted during the reporting period and the findings of that screening. |
| Dry weather screening was ongoing at the time that this report was written (in the summer of 2018), and a full report regarding the Township's outfalls will be included in next year's progress report. |
| Please list any other known and/or resolved illicit discharges identified during the reporting period and status of elimination. For significant discharges, also list the pollutants involved with an estimate of the volume and loading.<br>Examples of illicit discharges include: malfunctioning septic systems; sanitary sewer leaks, overflows, or cross-connections; laundry water discharges; leaking fluids from vehicles, barrels, dumpsters, or tanks; concrete truck wash water; polluted runoff from temporary or permanent storage areas; improper fire hydrant flushing; spills from auto accidents; power washing wastewater; industrial/commercial wastewater, dumping; and any other violation of the IDEP ordinance. |
| There were no illicit discharges identified during the reporting period that were reported to the Township. |
| Please list the status and schedule for elimination for any illicit discharges identified but not eliminated during this reporting period. Also, report the status of any illicit discharges identified but not eliminated during previous reporting periods. |
| There are no illicit discharges that have been identified but not eliminated. |

| |
|---|
| Please describe actions taken when indications of illicit discharges have been identified, if any. |
| When illicit discharges are found, the homeowner is informed of the need to correct it by hooking up to the sanitary sewer system. |
| Please provide:<br>● An estimated quantification of the number of discharges eliminated, and<br>● An estimated quantification of the volume of illicit flow eliminated (*For large spills or, where the amount discharged is possible to estimate)*. |
| There were no illicit discharges during this reporting period. |

| Identify any specific coordination with the health department in response to illicit discharge elimination for failed or failing septic fields. |
|---|
| Effective in 2017, the Township Board has passed a requirement for any residence that is currently operating a septic system, and that has access to the sanitary sewer system, to connect to the sanitary sewer system by March 30, 2019. There was also an additional sewer installation that was performed with mandatory connection. Together these projects will eliminate 450 septic systems in the Township. To date, 258 people have made some type of payment to be able to connect. Not all of those are connected at this time, but they have started the process.<br><br>158 septic systems were connected to the sanitary sewer system during the reporting period. The Township is unsure of how many of these connections were made due to the mandatory sewer hookup, or due to failing systems. Either way, the Township has made incredible strides to minimize the number of septic systems. |
| Describe the effectiveness of the program to prevent illicit discharges and the method used to assess effectiveness. |
| The change to require hook up for those that have access to the sanitary sewer system will be very effective in preventing future illicit discharges or illicit connections. |

# PART 5 - New Point Source Discharges of Stormwater

Do you own or operate any NEW or previously unidentified stormwater discharges?

☒Yes ☐No If "yes," please indicate which discharge points are new on your outfall map or list.

Is your stormwater discharge point map attached or provided electronically?

☐ Map is attached ☐ Map is provided electronically ☒ Other. Please explain in comments section.

Is your stormwater discharge point list attached or provided electronically?

☐ List is attached ☐ List is provided electronically ☒ Other. Please explain in comments section.

Comments:

Map and list were submitted to MDEQ as Appendix 2 in Illicit Discharge Elimination Plan revision, July 30, 2013. Updated lists were submitted to the MDEQ as part of the 2016 MS4 Permit Application which is currently under review.

The Township no longer owns the Ice Arena property, so those outfalls are no longer under their jurisdiction. Also, a new Senior Center has been built and there are 2 new outfalls associated with that building. A map and updated outfall information will be included in the IDEP screening report with next year's progress report.

# PART 6 - Nested Drainage System Agreements

| Please list all nested jurisdictions with whom you have a cooperative agreement: | | |
|---|---|---|
| **Name of Nested Jurisdiction** | **Agreement previously provided to MDEQ** | **Agreement attached** |
| Jenison Public Schools | ☒Yes ☐No | ☐Yes ☒No |
| | ☐Yes ☐No | ☐Yes ☐No |
| | ☐Yes ☐No | ☐Yes ☐No |
| Comments:<br>The nested agreement will be updated once a new permit is issued. | | |

# PART 7 - Other Actions

| |
|---|
| Please list any extra efforts your community has conducted above and beyond your commitments recorded above (e.g., stream buffer ordinance adoption, new management techniques, invasive species control, habitat enhancement/protection, logjam removal, stream/beach clean-ups, etc.) that have helped implement the **Lower Grand River Watershed Management Plan**: |
| The Township continues to work closely with the Ottawa County Water Resources Commissioner on storm water runoff. Over the last reporting period the OCWRC responded to 127 specific drainage calls that resulted in 24 drains within the Township. |
| Please list any other actions your community has conducted to reduce stormwater pollution |
| The Township continues to monitor the e-coli levels at Maplewood Lake and 8$^{th}$ Ave Lake. |

# PART 8 - Revisions to the SWPPI

Based on your evaluation of the effectiveness of your stormwater BMPs, are there any commitments that should be added to or removed from the SWPPI?

☒ No, the SWPPI does not need any revisions

☐ The following revisions to the SWPPI could be considered:

| **Original SWPPI Section/Subsection** | **Revision** |
|---|---|
| | |

# Additional Documentation

Information on display located at the Township offices:

**From:** Rod Weersing
**To:** Cara Decker
**Subject:** RE: Jenison Public Schools MS4 Catch basin inspections
**Date:** Tuesday, August 14, 2018 1:37:11 PM
**Attachments:** image002.png
image003.jpg

Thanks for this update!

*Roderick J. Weersing* | Assistant Superintendent
1515 Baldwin St. P.O. Box 769
Jenison, MI 49429-0769
(616) 226-6002

**From:** Cara Decker <cara.decker@gvmc.org>
**Sent:** Friday, August 10, 2018 1:17 PM
**To:** Rod Weersing <rweersing@georgetown-mi.gov>
**Cc:** Christine Marcy <cmarcy@jpsonline.org>; Jon Visser <jvisser@jpsonline.org>
**Subject:** FW: Jenison Public Schools MS4 Catch basin inspections

Hi All,

I officially got word back from DEQ (see below) about editing your paperwork for the MS4 permit to:

1. Eliminate the requirement for the schools to inspect every catch basin annually. This will now occur once every 5 years. Dry wells/infiltration or leaching basins will need to be inspected annually. Jon- we will get you a final count of the dry wells once we field verify them using the maps that Courtney is creating (the maps look great so far!). You do not need to worry about doing any inspections for the progress report, I have all of your inspections from the last reporting period.

And

2. No longer include the ice arena under the Township's jurisdiction.

Let me know if you have any questions. Thanks!

**Cara Decker**
Stormwater Program Coordinator
Grand Valley Metro Council
Lower Grand River Organization of Watersheds
678 Front Ave., NW, Suite 200
Grand Rapids, MI 49504
cara.decker@gvmc.org
Desk: 616-776-7702
Fax: 616-774-9292
www.lgrow.org

**From:** StAmour, Amanda (DEQ) [mailto:STAMOURA@michigan.gov]
**Sent:** Friday, August 10, 2018 1:02 PM
**To:** Cara Decker
**Subject:** RE: Jenison Public Schools MS4 Catch basin inspections

I agree with your assessment and support the proposed changes.

Amanda St.Amour
Environmental Quality Analyst
616-356-0215
DEQ - Water Resources Division

**From:** Cara Decker <cara.decker@gvmc.org>
**Sent:** Wednesday, August 1, 2018 2:52 PM
**To:** StAmour, Amanda (DEQ) <STAMOURA@michigan.gov>

**Subject:** Jenison Public Schools MS4 Catch basin inspections

Hi Amanda,

Our work on IDEP outfall screening has given me a lot of insight this summer to how many of the MS4's function in the area- it's been a great learning experience to bring me up to speed! Jenison Public Schools (JPS) is nested under Georgetown Twp's permit, and have been inspecting their catch basins on an annual basis (inspection reports included in MS4 Progress Reports). I wondered why- since this was not a specific SWWPI requirement. The permit dictates that the Township needs to do annual catch basin inspections, but nothing for the schools. I have advised JPS to inspect catch basins once every 5 years, but inspect detention basins and infiltration basins (they have many dry wells), on an annual basis. I would like to update the SWMP for the new permit to reflect this. Please see more description of this in my email to Georgetown Township and JPS below. If you do not agree with my direction, please let me know so that I may advise them appropriately.

Also, the Township just sold the Ice Center last week. They no longer own or operate an MS4 on that site. I would like to removal all references to that property from their SWMP.

Let me know what you think. Thanks!

**Cara Decker**
Stormwater Coordinator
Grand Valley Metro Council
Lower Grand River Organization of Watersheds
678 Front Ave., NW, Suite 200
Grand Rapids, MI 49504
cara.decker@gvmc.org
Desk: 616-776-7702
Fax: 616-774-9292
www.lgrow.org

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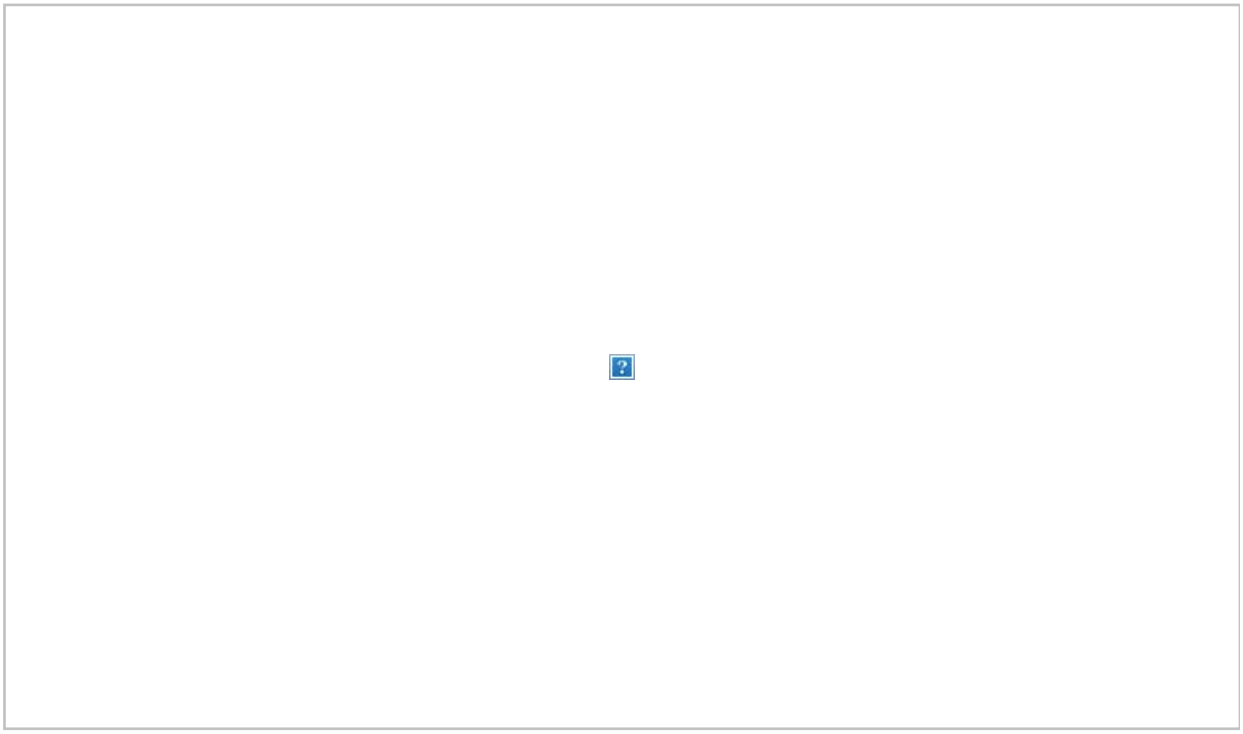
**From:** Cara Decker
**Sent:** Wednesday, August 01, 2018 2:43 PM
**To:** 'Jon Visser'
**Cc:** 'Rod Weersing'
**Subject:** JPS MS4 Catch basin inspections

Hi Jon,

Rod and I just spoke about your annual catch basin inspections per the Township's MS4 permit. I am advising you to reduce the frequency of catch basin inspections to once per permit cycle (once every 5 years). I feel that the time you guys spend inspecting catch basins is wasted, and could be spent doing other things- like dedicating time to public education of your MS4 program, or staff training. This does not get you out of all inspections- *you will still need to inspect and record your findings for all detention basins or trenches, underground storage tanks, and infiltration basins (this includes dry wells) on an annual basis*. I will collect your inspection sheets for these things and report them in the Township's annual permit report. Once Courtney has completed the maps of the schools, we will be able to tell you exactly where, and how many dry wells/infiltration basins you need to inspect annually. I hope this helps!

I will work with DEQ to remove the annual catch basin inspections for the school under the new upcoming MS4 permit. I think that DEQ would be receptive to this proposal, especially since none of the other communities in the area inspect their catch basins on such a frequent basis. Per your request Rod, I will keep the annual inspection in the new permit for the Township owned catch basins.

The part of the new permit that outlines this is here:



I will change Table 17 so that the note with the * is removed. Your outfalls are still a low priority because most of your stormwater stays on site at the schools. I will change the 'Inspection Frequency' for the schools to 'Once every 5 years'. Jon, this will mean that you can either do all of them together at one time, or do a certain number of them per year so you spread your inspections out. Completely up to you as long as you get me the inspection sheets once complete.
Rod- the Ice Center will be removed from the new permit documents entirely.

If you have any questions or need clarification, please do not hesitate to contact me.

**Cara Decker**
Stormwater Coordinator
Grand Valley Metro Council
Lower Grand River Organization of Watersheds
678 Front Ave., NW, Suite 200
Grand Rapids, MI 49504
cara.decker@gvmc.org
Desk: 616-776-7702
Fax: 616-774-9292
www.lgrow.org

LGROW storm drain cleaning and marking event with Bauerwood Elementary School

May 9, 2018

SUPPORTING DOCUMENTATION FROM JENISON PUBLIC SCHOOLS

# Jenison Public Schools

Maintenance Department
8151 20th Ave.
Jenison, Michigan 49428

## Acknowledgment of Training

Signatures below are acknowledgment that on (date) 8/29/17 these individuals participated in a training session at the:

Maintenance Building
8151 20th Ave
Jenison, MI 49428

Given by: Jon Visser – Supervisor of Maintenance and Grounds

This training session presented information on illicit discharge detection and elimination. During this session, the individuals listed below viewed the training video:

PREVENTING STORM WATER POLUTION: WHAT WE CAN DO.

The participant's signatures below affirm that they were given adequate time to ask questions about their particular job activities and how the could best conduct these activities.

| Print Name Here | Signature Here |
|---|---|
| Jon Visser | Jon Visser |
| Brent Vander Ploeg | |
| Mike Thornton | Mike Thornton |
| Jon Breitwalter | |
| Jeff Freeman | |
| Steve Hall | |
| | |
| | |
| | |

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 10:40 am Preformed by: Jon Visser

Basin ID #: CB# 15 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 5' 11"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 5' 11"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 11:06 Preformed by: Jon Visser

Basin ID #: CB#9 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 72"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 72"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 11:13 am Preformed by: Jon Visser.

Basin ID #: CB#11 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 92"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 92"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: N/A | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 11:24 am Preformed by: Jon Visser.

Basin ID #: CB #14 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 49"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 49"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New (N/A) | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 11:32 am Preformed by: Jon Visser

Basin ID #: CB#14A Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 51"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 51"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: N/A | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 10:57 am Preformed by: Jon Visser

Basin ID #: CB#9A Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 38"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 38"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: N/A | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 11:45 am Preformed by: Jon Visser

Basin ID #: DW#2 Location: Burnley Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 50"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 50"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: N/A | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 11:57 am Preformed by: Jon Visser

Basin ID #: DW#1 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 90"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 90"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: N/A | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 12:05 pm Preformed by: Jon Visser

Basin ID #: DW#3 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 59"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 59"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 12:41 pm Preformed by: Jon Visser

Basin ID #: CB #2 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 93"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 93"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 12:50 pm Preformed by: Jon Visser

Basin ID #: CB #5 Location: Bursley Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 61"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 61"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 1:01 pm Preformed by: Jon Vissers

Basin ID #: CB#1 Location: Bursley Basin Diameter: 2

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot:_____

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot:_____

Sediment Depth:_____feet Sediment Volume:_____cubic feet Floatable Depth_____feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☐ Adequate | ☒ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

Could not open Cover

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 1:13 p.m. Preformed by: Jon Visser

Basin ID #: CB #6 Location: Burnley Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: _____

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 50"

Sediment Depth: 10 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 1:30 pm Preformed by: Jon Visser

Basin ID #: DW #4 Location: Bursley Basin Diameter: 56"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 67"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 67"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: N/A | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

County, City, Village, Township, District Name

# INVENTORY OF MUNICIPAL PROPERTIES

Name of Person filling out this form: JON VISSER Date: 7/11/13

Name of Person revising/approving this form: _____ Date: _____

**Common Name of Property:** PINEWOOD ELEMENTARY SCHOOL

**Property Location:** 2405 CHIPPEWA STREET
JENISON, MI 49428

**Property Type:**

- ☐ transportation corridor
- ☐ police station
- ☐ fire station
- ☐ administration building
- ☐ public works facility
- ☐ wastewater collection/treatment
- ☐ library
- ☐ maintenance garage
- ☐ storage yard
- ☐ park or parking lot
- ☐ cemetery
- ☐ water distribution/conditioning
- ☐ waste disposal areas
- ☐ unregulated landfills/dumps
- ☐ open or vacant land
- ☒ any other type PUBLIC SCHOOL

Does storm water from this Property enter the Municipal Separate Storm Sewer System or Waters of the State?

- ☒ YES
- ☐ NO, it is in the Combined Sewer area
- ☐ NO, there is no runoff
- ☐ NO, storm water goes to the sanitary sewer
- ☐ DON'T KNOW

If NO, then go to next Municipal Property. If YES or DON'T KNOW, then continue with this form.

**Municipal Operations at the Property:**

- ☐ roadways
- ☒ parking lots
- ☐ transportation and equipment garages
- ☐ vehicle or equipment mechanical repairs, including parts degreasing
- ☐ vehicle or equipment lubrication
- ☐ vehicle or equipment washing
- ☐ adding or changing vehicle fluids
- ☐ fueling areas
- ☐ warehouses
- ☐ stockpiles of salt and other raw materials
- ☐ open ditches and storm sewers
- ☒ turf and landscaping for all municipal properties, including parks
- ☐ solid waste handling and disposal areas
- ☐ other: _____

**Structural Storm Water Controls**
**Control Measure or BMP**

- ☐ vegetated swales
- ☐ infiltration facility (e.g. seepage pond, drywell)
- ☐ detention pond or sedimentation facility
- ☐ bioretention facility (e.g. raingarden)
- ☐ storm water devices (swirl separation or other proprietary device)
- ☐ curb, gutter, catch basins, storm sewers
- ☐ filter
- ☐ grit separator
- ☐ oil/water separators
- ☐ isolated sump
- ☐ vegetated buffer strips
- ☐ any other controls

_____

| Inspection Frequency | Maintenance Schedule | BMP operation & maintenance program |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
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| | | |
| | | |
| | | |

**Pinewood Elementary School—2405 Chippewa Street 42.911781,-85.8434**
Print dated 2-6-95, Page C-2.2
A system of 5 catch basins and dry wells with one outfall into the county storm sewer.

**JPS 3 -Pinewood Elementary School—2405 Chippewa Street 42.911781,-85.8434**
Print dated 2-6-95, Page C-2.2
A system of 5 catch basins and dry wells with one outfall into the county storm sewer.

# Jenison Public Schools

Maintenance Department
8151 20th Ave.
Jenison, Michigan 49428

## Dry Weather Screening for Illicit Discharge

Date: 8/29/17 Time: 7:10am Performed By: Jon Visser

Location: Pinewood Elementary

GPS Coordinates: 42.911230, -85.842158

Flow Observed? NO

IF Flow Observed Take Sample of Flow:

Temperature of Sample: _____

PH of Sample: _____

Ammonia Present?: _____

Surfactants Present?: _____

Note any readily observable Sources to Outfall:

_____

_____

_____

_____

_____

_____

Comments:

_____

_____

_____

_____

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 6:45 Preformed by: Jon Visser

Basin ID #: LB #6 Location: Pinewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 52"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 52"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 6:56 am Preformed by: Jon Visser

Basin ID #: LB#7 Location: Pinewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 61"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: _____

Sediment Depth: _____ feet Sediment Volume: _____ cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 7. Bam Preformed by: Jon Visser

Basin ID #: LB #8 Location: Pinewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 116"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 116"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 7:17am Preformed by: Jon Visser

Basin ID #: CB#4 Location: Pinewood Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 33'1

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: _____

Sediment Depth: _____ feet Sediment Volume: _____ cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 7:24am Preformed by: Jon Visser

Basin ID #: LB#3 Location: Pinewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 132"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 132"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 7:29 am Preformed by: Jon Visser

Basin ID #: LB #5 Location: Pinewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 72"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 72"

Sediment Depth: _____ feet Sediment Volume: _____ cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 7:33am Preformed by: Jon Visser

Basin ID #: LB#2 Location: Pinewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 99"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 99"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 7:36 am Preformed by: Jon Visser

Basin ID #: LB #1 Location: Pinewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 78"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 78"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 7:40 am Preformed by: Jon Visser

Basin ID #: DW #1 Location: Ravenwood Basin Diameter: 61"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 95"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 95"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 7:48am Preformed by: Jon Visser

Basin ID #: DW #6 Location: Bauerwood Basin Diameter: 61"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 149"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 149"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 8:00am Preformed by: Jon Visser

Basin ID #: DW #2 Location: Raverwood Basin Diameter: 61"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 97"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 97"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 8:11am Preformed by: Jon Visser

Basin ID #: DW#3 Location: Bayerwood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 73"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 73"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 8:20 Preformed by: Jon Vissér

Basin ID #: CB#1 Location: Bauerwood Basin Diameter: _____

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: _____

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: _____

Sediment Depth: _____ feet Sediment Volume: _____ cubic feet Floatable Depth _____ feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

Cover will not come off
. Cannot Visually inspect

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 8:29 Preformed by: Jon Vissers

Basin ID #: DW#4 Location: Bayerwood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 93"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 93"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 8:46 am Preformed by: Jon Visser

Basin ID #: DW#5 Location: Beaverwood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 16 1/2"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 164"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 8:57 am Preformed by: Jon Vissers

Basin ID #: CB #3 Location: Beverwood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 67"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 67"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 9:36 am Preformed by: Jon Visser

Basin ID #: LB #6 Location: Bauerwood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 96"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 96"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth .2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 9:48 am Preformed by: Jon Visser

Basin ID #: LB#7 Location: Bayerwood Basin Diameter: 72"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 98"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 98"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 10:01 Preformed by: Tom Viere

Basin ID #: LB #2 Location: Bayerwood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 80"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 80"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 10:15am Preformed by: Jon Visser

Basin ID #: LB#3 Location: Bauerwood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 78"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 78"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/14/17 Time: 10:26am Preformed by: Jon Visser

Basin ID #: LB#1 Location: Bauerwood Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 62"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 62"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 8:32 Preformed by: Jon Visser

Basin ID #: 8 Location: Rosewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 46"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 46"

Sediment Depth: 0 feet Sediment Volume: 6 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 8:38am Preformed by: Jon Visser

Basin ID #: 9 Location: Rosewood Basin Diameter: _____

OK to proceed hazards have been assessed and addressed: _____Yes _____No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 73"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 73"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☐ Adequate | ☒ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☐ Adequate | ☒ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☐ Adequate | ☒ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

unable to get cover off
Visual inspection & measure
through grate

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 8:47 Preformed by: Jon Visser

Basin ID #: 10 Location: Rosewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 54"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 54"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth .5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☑ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 8:48 Preformed by: Jon Visser

Basin ID #: DW 1 Location: Rosewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 61"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 61"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: . Preformed by: Jon Visser.

Basin ID #: DW 2 Location: Rosewood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 121"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 121"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 8:53am Preformed by: Jon Visser

Basin ID #: DW#3 Location: Rosewood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 148"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 148"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 8:59am Preformed by: Jon Visser

Basin ID #: DW#4 Location: Rosewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: _____Yes _____No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 94"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 94"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 9:02 am Preformed by: Jon Visser.

Basin ID #: DW #5 Location: Rosewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 51"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 51"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 9:05 Preformed by: Jon Visser

Basin ID #: DW #6 Location: Rosewood Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 62"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 62"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 9:11am Preformed by: Jon Visser

Basin ID #: #11 Location: Rosewood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 151"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 15"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 9:17am Preformed by: Jon Visser

Basin ID #: DW #7 Location: Rosewood Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 110"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 110"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: _____ Preformed by: Jon Visser

Basin ID #: #12 Location: Rosewood Basin Diameter: 50"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 112"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 112"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 9:23 am Preformed by: Jon Visser

Basin ID #: #13 Location: Rosewood Basin Diameter: 50"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 126"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 126"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: ____ Preformed by: Jon Visser

Basin ID #: #14 Location: Rosewood Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes ____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 94"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 94"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

County, City, Village, Township, District Name

# INVENTORY OF MUNICIPAL PROPERTIES

Name of Person filling out this form: JON VISSER Date: 7/11/13

Name of Person revising/approving this form: _____ Date: _____

**Common Name of Property:** SANDY HILL ELEMENTARY SCHOOL

**Property Location:** 1990 BALDWIN AVE
JENISON, MI 49428

**Property Type:**

- ☐ transportation corridor
- ☐ police station
- ☐ fire station
- ☐ administration building
- ☐ public works facility
- ☐ wastewater collection/treatment
- ☐ library
- ☐ maintenance garage
- ☐ storage yard
- ☐ park or parking lot
- ☐ cemetery
- ☐ water distribution/conditioning
- ☐ waste disposal areas
- ☐ unregulated landfills/dumps
- ☐ open or vacant land
- ☒ any other type PUBLIC SCHOOL

Does storm water from this Property enter the Municipal Separate Storm Sewer System or Waters of the State?

- ☒ YES
- ☐ NO, it is in the Combined Sewer area
- ☐ NO, there is no runoff
- ☐ NO, storm water goes to the sanitary sewer
- ☐ DON'T KNOW

If NO, then go to next Municipal Property. If YES or DON'T KNOW, then continue with this form.

**Municipal Operations at the Property:**

- ☐ roadways
- ☒ parking lots
- ☐ transportation and equipment garages
- ☐ vehicle or equipment mechanical repairs, including parts degreasing
- ☐ vehicle or equipment lubrication
- ☐ vehicle or equipment washing
- ☐ adding or changing vehicle fluids
- ☐ fueling areas
- ☐ warehouses
- ☐ stockpiles of salt and other raw materials
- ☐ open ditches and storm sewers
- ☒ turf and landscaping for all municipal properties, including parks
- ☐ solid waste handling and disposal areas
- ☐ other: _____

**Structural Storm Water Controls**
**Control Measure or BMP**

- ☐ vegetated swales
- ☐ infiltration facility (e.g. seepage pond, drywell)
- ☐ detention pond or sedimentation facility
- ☐ bioretention facility (e.g. raingarden)
- ☐ storm water devices (swirl separation or other proprietary device)
- ☐ curb, gutter, catch basins, storm sewers
- ☐ filter
- ☐ grit separator
- ☐ oil/water separators
- ☐ isolated sump
- ☐ vegetated buffer strips
- ☐ any other controls

_____

| Inspection Frequency | Maintenance Schedule | BMP operation & maintenance program |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

**Sandy Hill Elementary School—1990 Baldwin Avenue 42.906253,-85.830852**
Print dated 2-6-98, Page C-2.2
A system of 20 catch basins and dry wells with one outfall into the county storm sewer.

**JPS 1 -Sandy Hill Elementary School—1990 Baldwin Avenue 42.906253,-85.830852**
Print dated 2-6-98, Page C-2.2
A system of 20 catch basins and dry wells with one outfall into the county storm sewer.

# Jenison Public Schools

Maintenance Department
8151 20th Ave.
Jenison, Michigan 49428

## Dry Weather Screening for Illicit Discharge

Date: 8/29/17 Time: 7:37 Performed By: Jon Visser

Location: Sandy Hill Elementary

GPS Coordinates: 42.906520, -85.829970

Flow Observed? No

IF Flow Observed Take Sample of Flow:

Temperature of Sample: _____

PH of Sample: _____

Ammonia Present?: _____

Surfactants Present?: _____

Note any readily observable Sources to Outfall:

_____

_____

_____

_____

_____

_____

Comments:

_____

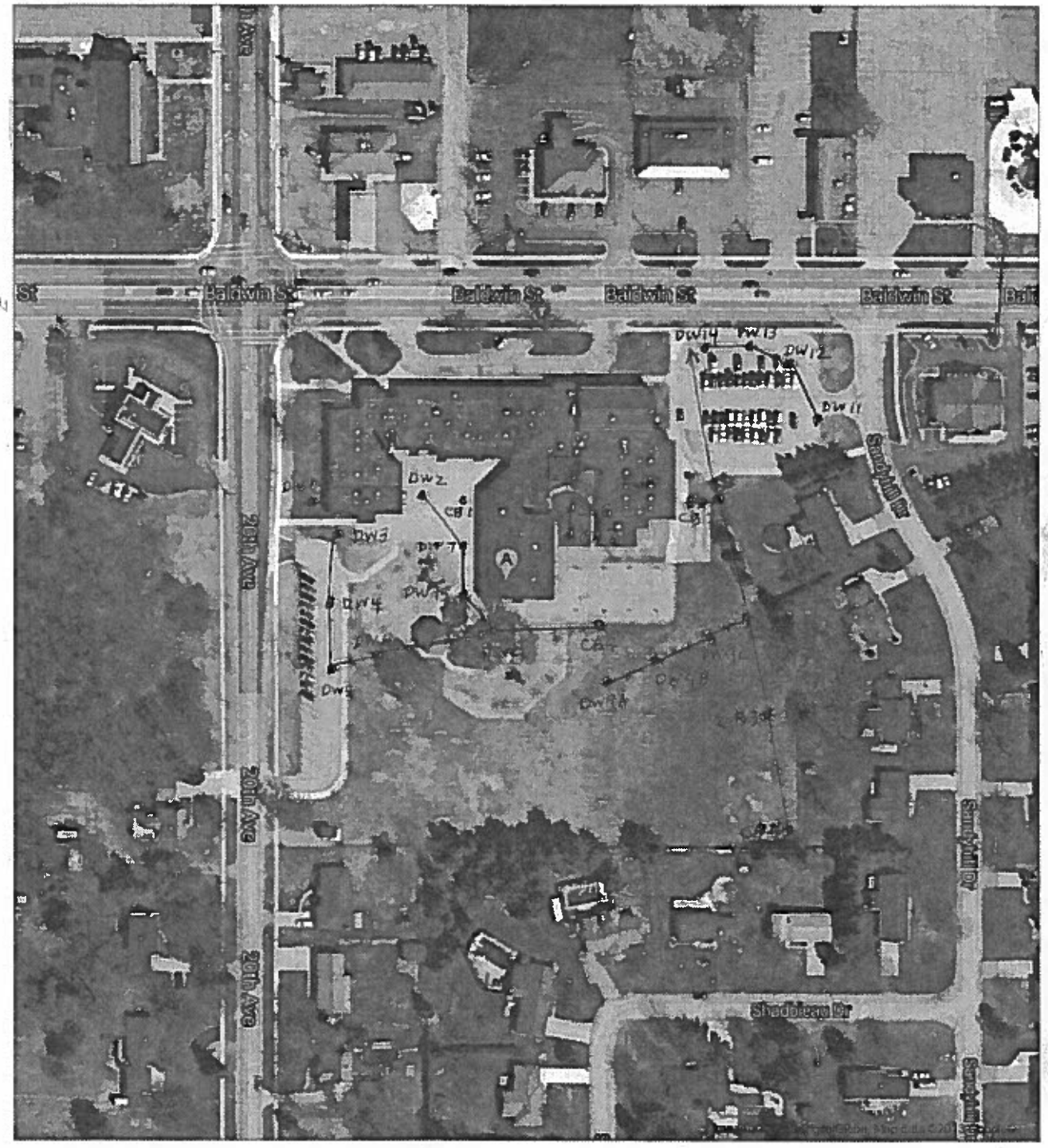
_____

_____

_____

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google



## Catch Basin Cleaning Report Form

Date: 6/15/17 Time: 10:20am Preformed by: Jon Visser

Basin ID #: DW1 Location: Sandy Hill Basin Diameter: 58"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 62"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 62"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:28 am Preformed by: Jon Visser

Basin ID #: DW3 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 142"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 142"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:32 Preformed by: Jon Visser

Basin ID #: DW4 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 117"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 117

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: _____ Preformed by: Jon Visser

Basin ID #: DWS Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 199"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 199"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:37am Preformed by: Jon Visser

Basin ID #: DW6 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 102"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 102"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:41 a.m. Preformed by: Jon Vivier

Basin ID #: DW2 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 118"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 118"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:43 am Preformed by: Jon Visser

Basin ID #: CB1 Location: Sandy Hill Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 84

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 84

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:40am Preformed by: Jon Visser

Basin ID #: DW 7 Location: Sandy Hill Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 10' 4"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 10' 11"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: _____ Preformed by: Jon Visser

Basin ID #: DW 15 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 90"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 90"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:52 am Preformed by: Jon Visser

Basin ID #: DW8 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 96"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 96"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:56 am Preformed by: Jon Visser

Basin ID #: CB6 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 88"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 88"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☐ Adequate | ☒ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 10:59 am Preformed by: Jon Visser

Basin ID #: CB7 Location: Sandy Hill Basin Diameter: _____

OK to proceed hazards have been assessed and addressed: _____Yes _____No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 123 11

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 123 11

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☐ Adequate | ☒ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

Could not get cover off.
Visually inspected & Measured
w/ cover in place.

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:00 am Preformed by: Jon Visser

Basin ID #: CB 5 Location: Sandy Hill Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 54"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 54"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:02am Preformed by: Jon Visser

Basin ID #: DW 9A Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 153"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 153"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:05 am Preformed by: Jon Visser

Basin ID #: DW 9B Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 148"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 148"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:00am Preformed by: Jon Visser

Basin ID #: DW 9C Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 162"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 162"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:11 am Preformed by: Jon Nisser

Basin ID #: CB3 Location: Sandy Hill Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 60"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 60"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:15am Preformed by: Jon Visser

Basin ID #: CB4 Location: Sandy Hill Basin Diameter: 23 1/2"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 41"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 41"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:18 am Preformed by: Jon Visser

Basin ID #: CB2 Location: Sandy Hill Basin Diameter: 48 11

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 10 8 11

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 10 8 11

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:23am Preformed by: Jon Visser

Basin ID #: DW 14 Location: Sandy Hill Basin Diameter: 60 "

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 94 "

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 94 "

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:30a.m Preformed by: Jon Visser

Basin ID #: DW 13 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 97'

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 97"

Sediment Depth: 6 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:36 am Preformed by: Tom Visser

Basin ID #: DW 12 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 106"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 106"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 11:41 am Preformed by: Jon Nissen

Basin ID #: DW 11 Location: Sandy Hill Basin Diameter: 60"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot:_____

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot:_____

Sediment Depth:_____feet Sediment Volume:_____cubic feet Floatable Depth_____feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☑ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: _____ Preformed by: Jon Visser

Basin ID #: LB 14 Location: Jr High Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 119"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 119"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: _____ Preformed by: Jon Visser

Basin ID #: LB 15 Location: Jr High Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 76"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 76"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 1:15p Preformed by: Jon Visser

Basin ID #: LB1 Location: High School Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 123"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 123"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☐ Like New (N/A) | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New (N/A) | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 11:21 Preformed by: Jon Visser

Basin ID #: LB2 Location: High School Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 84"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 84"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth .5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: _____ Preformed by: Jon Visser.

Basin ID #: LB3 Location: High School Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 96"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 96"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 1:27 pm Preformed by: Jon Visser

Basin ID #: LB 4 Location: High School Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 95"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 95"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 1:30pm Preformed by: Jon Visser

Basin ID #: LB7 Location: High School Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: ✓ Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 79"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 79"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 1:37pm Preformed by: Tom Visser

Basin ID #: LB8 Location: High School Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 94"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 94"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 1:41 pm Preformed by: Jon Visser

Basin ID #: LB9 Location: High School Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 72"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 72"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 1:51pm Preformed by: Jon Vissar

Basin ID #: DW3 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 5ft 11"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 5ft 11"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | X Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | X Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | X Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | X Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | X Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | X Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 1:57 pm Preformed by: Jon Visser

Basin ID #: CB 5 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 109"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 109"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: : Preformed by: Jon Visser

Basin ID #: CB 4 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 88"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 88"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:01 pm Preformed by: Jon Visser

Basin ID #: CB3 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 113'

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 113'

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 3 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:12 pm Preformed by: Jon Visser

Basin ID #: CB2 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 106"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 106"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 4 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:16 pm Preformed by: Jon Visser

Basin ID #: CB1 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 76"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 76"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:17 pm Preformed by: Jon Visser

Basin ID #: DW1 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 9 1/2

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 9 1/2

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 3 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:21 pm Preformed by: Jon Visser

Basin ID #: DW2 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 10'

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 10'

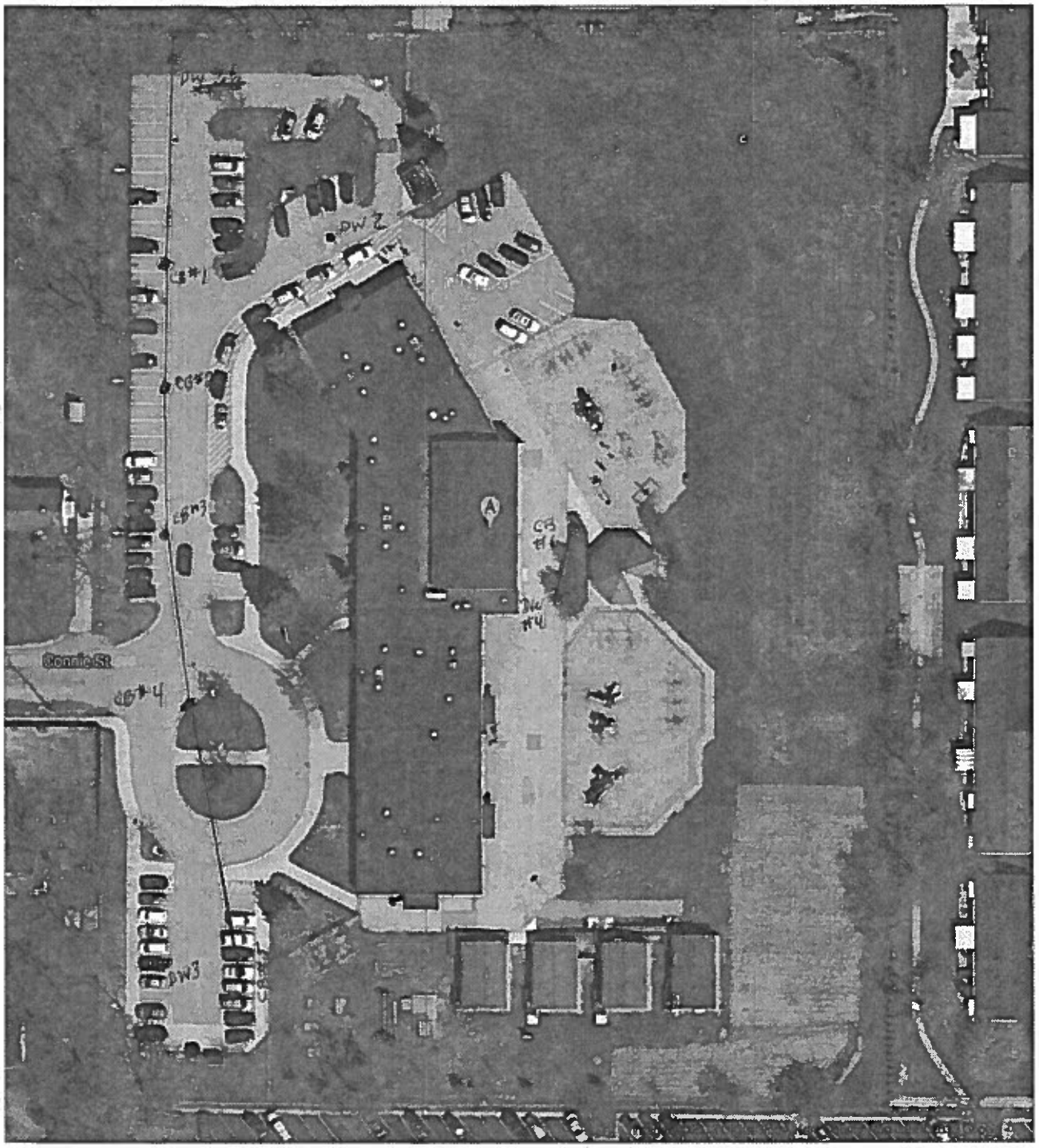
Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google



## Catch Basin Cleaning Report Form

Date: 8/15/17 Time: 2:25 pm Preformed by: Jon Visser

Basin ID #: DW4 Location: ECC Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 110"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 110"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 3 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:32 pm Preformed by: Jon Visser.

Basin ID #: CB6 Location: ECC Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 37"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 37"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:41 pm Preformed by: Jon Visser

Basin ID #: CB 1 Location: Maint Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 83"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 83"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2" feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 2:54pm Preformed by: Jon Visser

Basin ID #: CB2 Location: Maintenance Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 67"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 67"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/6/17 Time: 2:59 pm Preformed by: Jon Visser

Basin ID #: CB 3 Location: Maintenance Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 60'

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 60'

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth .5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 3:04 pm Preformed by: Jon Visser

Basin ID #: DW1 Location: Maintenance Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 101"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 101"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 5 feet

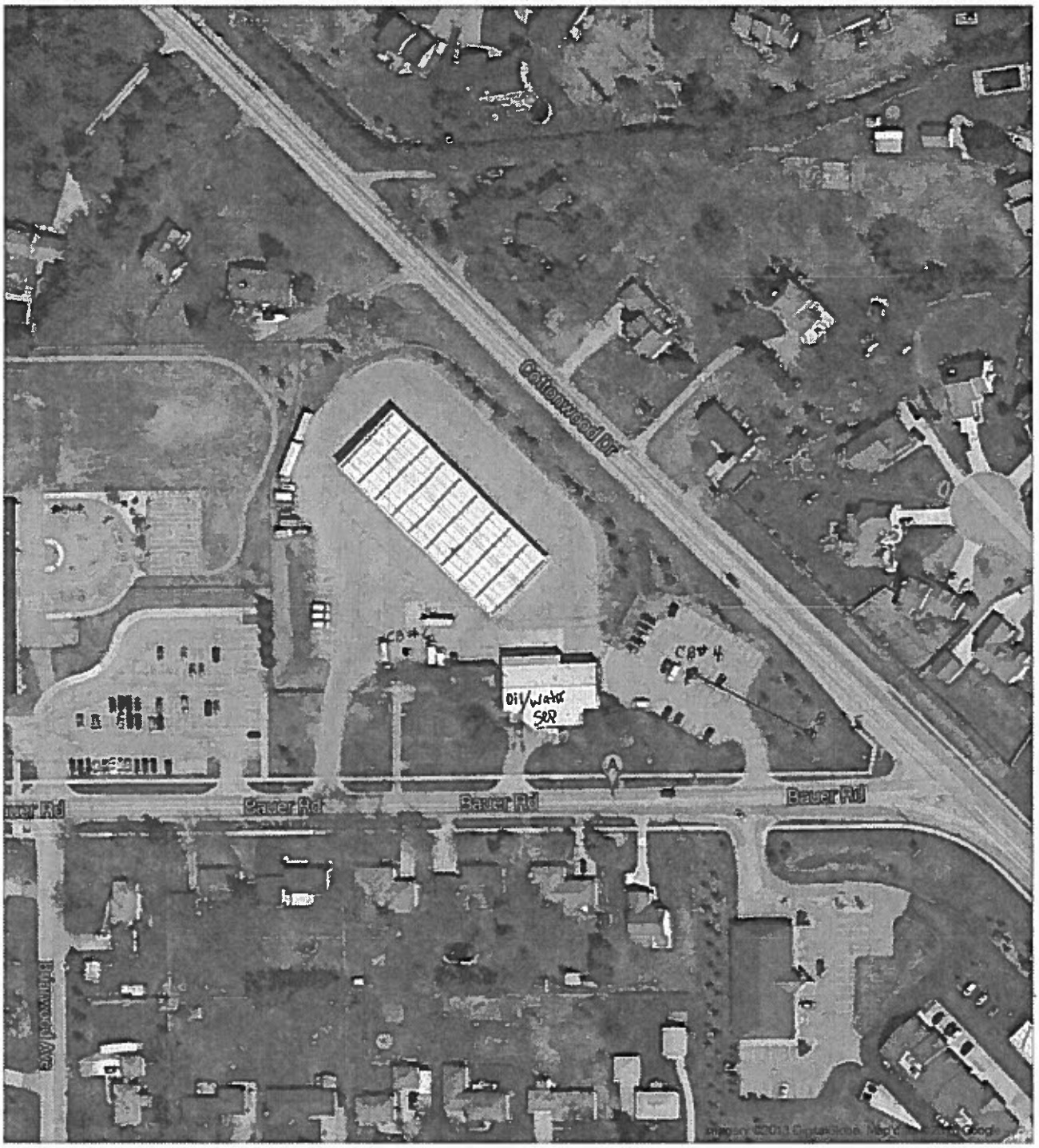
| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: N/A | ☐ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

**Jenison Transportation Department—1253 Bauer Road 42.921675,-85.813295**
Print dated 11-3-98, Page C-1.1
system with1 dry well. There are no outfalls into the county storm sewer

To see all the details that are visible on the screen, use the "Print" link next to the map.

Google



## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 3:10 pm Preformed by: Jon Visser.

Basin ID #: CB #6 Location: Transportation Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 63"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 63"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New | ☒ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 3:16 pm Preformed by: Jon Visser

Basin ID #: CB #4 Location: Transportation Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 72"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 72"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/16/17 Time: 3:22 pm Preformed by: Jon Visser

Basin ID #: LB #5 Location: Transportation Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 76"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 76"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

**Administration Office/Fine Arts Center—8375 20th Avenue 42.921482,-85.832071**
A system with a retention pond. There are no outfalls into the county storm sewer

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:15am Preformed by: Jon Visser

Basin ID #: MH #2 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

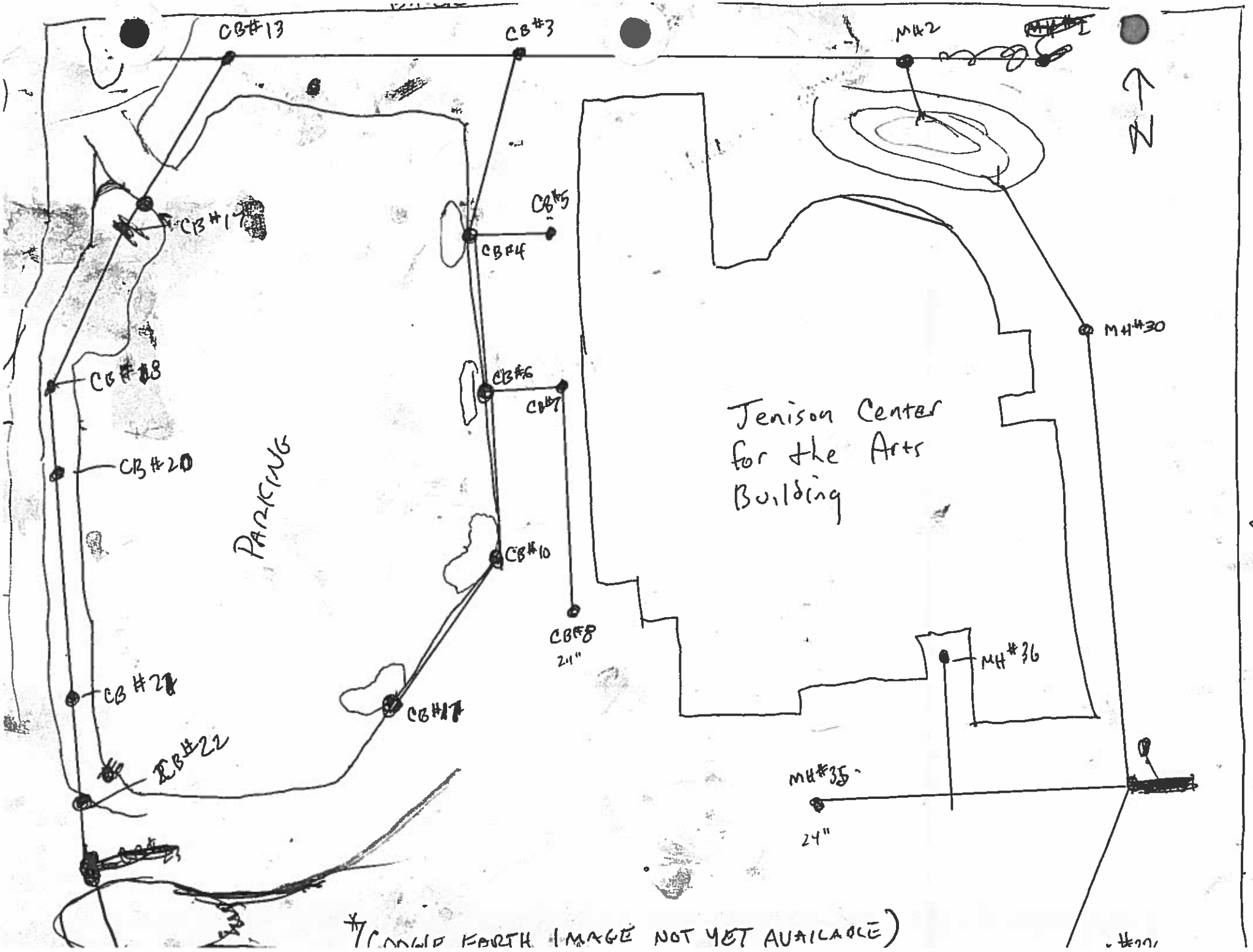
Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 82"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 82"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 0 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:




*(GROUND EARTH IMAGE NOT YET AVAILABLE)

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:21 am Preformed by: Jon Visser

Basin ID #: MH #30 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 92"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 92"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1.5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:26 am Preformed by: Jon Visser

Basin ID #: MH #32 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 76"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 76"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: _____ Preformed by: Jon Visser

Basin ID #: MH#35 Location: JCA Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: _____

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: _____

Sediment Depth: _____ feet Sediment Volume: _____ cubic feet Floatable Depth _____ feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:32 am Preformed by: Jon Visser

Basin ID #: MH# 36 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 92"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 92"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:41 Preformed by: Jon Visser

Basin ID #: CB#3 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 1.55'

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 1.55'

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:44 Preformed by: Jon Visser

Basin ID #: CB#4 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 101"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 101"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1.5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: . Preformed by: Jon Visser

Basin ID #: CB #5 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 87"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 87"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:48 Preformed by: Jon Visser

Basin ID #: CB #6 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 10'1"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 10'1"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1.5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:50 am Preformed by: Jon Visser

Basin ID #: CB #7 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 91"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 91"

Sediment Depth: 6 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:52 am Preformed by: Jon Visser

Basin ID #: CB #8 Location: JCA Basin Diameter: 24"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 73"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 73"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1.5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 10:57 am Preformed by: Jon Visser.

Basin ID #: CB #10 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 77 1/1

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 77 1/1

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1.5 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 11:03 am Preformed by: Jon Visser

Basin ID #: CB #11 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 61"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 61"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 11:11 am Preformed by: Jon Visser

Basin ID #: CB#13 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 132"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 132"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: _____ Preformed by: _____

Basin ID #: CB #17 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 13'

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 13'

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 11:25 a.m. Preformed by: Jon Visser

Basin ID #: CB #18 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 105'

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 105'

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 11:19 am Preformed by: Jon Visser.

Basin ID #: QB #20 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 114"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 114"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 11:25 a.m. Preformed by: Jon Visser

Basin ID #: CB #21 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 117"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 117"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☐ Like New N/A | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 11:30 a.m. Preformed by: Jon Visser

Basin ID #: CB#22 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 97"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 97"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 2 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation:

## Catch Basin Cleaning Report Form

Date: 8/17/17 Time: 11:38 a.m. Preformed by: Jon Visser

Basin ID #: CB#23 Location: JCA Basin Diameter: 48"

OK to proceed hazards have been assessed and addressed: X Yes _____ No (Explain below)

Distance from casting to top of solid material in sump, accurate to the nearest inch or tenth of a foot: 57"

Distance from casting to bottom of sump after cleaning, accurate to nearest inch or tenth of a foot: 57"

Sediment Depth: 0 feet Sediment Volume: 0 cubic feet Floatable Depth 1 feet

| | | | |
|---|---|---|---|
| Condition of catch basin structure: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of lines coming in or going out: | ☑ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of casting frame: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of cover (grate): | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Condition of pavement near catch basin: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |
| Site restored for service: | ☒ Like New | ☐ Adequate | ☐ Needs Evaluation (Explain Below) |

Additional Explanation: